

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079974.D
 Acq On : 14 Oct 2024 12:54
 Operator : RP/MD
 Sample : P4368-01 2.5 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 15 05:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 15 05:25:09 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	143929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	233928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89610	54.732	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.460%			
35) Dibromofluoromethane	7.804	113	96549	57.183	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.360%			
50) Toluene-d8	10.269	98	302563	50.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.575	95	102667	48.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4386	3.100	ug/l	99
3) Chloromethane	2.146	50	5064	3.485	ug/l	94
4) Vinyl Chloride	2.287	62	5942	3.289	ug/l	90
5) Bromomethane	2.699	94	5640	3.629	ug/l	95
6) Chloroethane	2.846	64	4747	3.849	ug/l #	75
7) Trichlorofluoromethane	3.169	101	8641	3.053	ug/l #	83
8) Diethyl Ether	3.593	74	2261	2.908	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	5000	2.876	ug/l #	69
10) Methyl Iodide	4.169	142	5100	2.992	ug/l #	93
11) Tert butyl alcohol	5.046	59	2036	20.331	ug/l	99
12) 1,1-Dichloroethene	3.940	96	4670	3.020	ug/l	87
13) Acrolein	3.799	56	2095	19.512	ug/l #	78
14) Allyl chloride	4.558	41	6680	2.908	ug/l	93
15) Acrylonitrile	5.269	53	5548	14.935	ug/l #	80
16) Acetone	4.022	43	5872	13.837	ug/l	100
17) Carbon Disulfide	4.269	76	13886	3.221	ug/l	99
18) Methyl Acetate	4.563	43	3719	4.082	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	9377	2.625	ug/l	98
20) Methylene Chloride	4.793	84	10468	5.022	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	5112	3.079	ug/l	94
22) Diisopropyl ether	6.222	45	12053	2.420	ug/l #	90
23) Vinyl Acetate	6.157	43	42676	15.247	ug/l	100
24) 1,1-Dichloroethane	6.122	63	9472	2.886	ug/l #	94
25) 2-Butanone	7.093	43	6941	13.432	ug/l	91
26) 2,2-Dichloropropane	7.081	77	9650	3.398	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	5963	2.888	ug/l	83
28) Bromochloromethane	7.422	49	4905	3.502	ug/l #	98
29) Tetrahydrofuran	7.446	42	4003	14.484	ug/l #	83
30) Chloroform	7.599	83	9729	2.799	ug/l	93
31) Cyclohexane	7.875	56	9702	3.900	ug/l #	53
32) 1,1,1-Trichloroethane	7.799	97	8829	3.066	ug/l	95
36) 1,1-Dichloropropene	8.004	75	6964	3.077	ug/l	93
37) Ethyl Acetate	7.181	43	3699	3.376	ug/l #	70
38) Carbon Tetrachloride	7.993	117	7133	2.837	ug/l #	83
39) Methylcyclohexane	9.269	83	7258	2.858	ug/l	92
40) Benzene	8.246	78	19948	2.788	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	2130	3.702	ug/l #	53
42) 1,2-Dichloroethane	8.328	62	5846	2.971	ug/l	89
43) Isopropyl Acetate	8.363	43	5531	2.740	ug/l	93
44) Trichloroethene	9.022	130	5066	2.862	ug/l	90
45) 1,2-Dichloropropane	9.304	63	5544	3.055	ug/l	98
46) Dibromomethane	9.387	93	2984	2.980	ug/l	91
47) Bromodichloromethane	9.581	83	7536	2.838	ug/l	99
48) Methyl methacrylate	9.381	41	2340	2.574	ug/l #	86
49) 1,4-Dioxane	9.381	88	602	54.718	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	12444	12.051	ug/l	95
52) Toluene	10.334	92	12694	2.897	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	5993	2.577	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	7137	2.601	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	3908	2.779	ug/l	96
56) Ethyl methacrylate	10.598	69	4028	2.452	ug/l #	93
57) 1,3-Dichloropropane	10.875	76	5829	2.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	7713	12.686	ug/l	99
59) 2-Hexanone	10.922	43	9507	12.431	ug/l	90
60) Dibromochloromethane	11.075	129	5065	2.772	ug/l	99
61) 1,2-Dibromoethane	11.175	107	3670	2.835	ug/l	96
64) Tetrachloroethene	10.810	164	4524	3.025	ug/l	87
65) Chlorobenzene	11.604	112	14469	2.932	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	4753	2.681	ug/l	92
67) Ethyl Benzene	11.681	91	21013	2.518	ug/l	90
68) m/p-Xylenes	11.787	106	15629	4.879	ug/l	99
69) o-Xylene	12.122	106	7927	2.675	ug/l	90
70) Styrene	12.134	104	13086	2.481	ug/l	100
71) Bromoform	12.298	173	3013	2.826	ug/l #	99
73) Isopropylbenzene	12.416	105	17506	2.456	ug/l	100
74) N-amyl acetate	12.228	43	4414	2.560	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	4586	3.173	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	3241m	2.803	ug/l	
77) Bromobenzene	12.698	156	5710	3.096	ug/l	93
78) n-propylbenzene	12.763	91	25002	2.821	ug/l	97
79) 2-Chlorotoluene	12.851	91	14278	2.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	15676	2.609	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	1582	3.054	ug/l #	82
82) 4-Chlorotoluene	12.945	91	14734	2.664	ug/l	99
83) tert-Butylbenzene	13.163	119	13093	2.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	14065	2.331	ug/l	89
85) sec-Butylbenzene	13.345	105	18893	2.387	ug/l	98
86) p-Isopropyltoluene	13.463	119	16224	2.457	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	10254	2.718	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	11826	3.137	ug/l	89
89) n-Butylbenzene	13.786	91	15508	2.428	ug/l	99
90) Hexachloroethane	14.051	117	4461	3.057	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	9010	2.733	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	877	3.634	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	5742	2.780	ug/l	98
94) Hexachlorobutadiene	15.204	225	3195	2.809	ug/l	96
95) Naphthalene	15.339	128	10542	2.862	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	4901	2.677	ug/l	97

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ClientSampleId :
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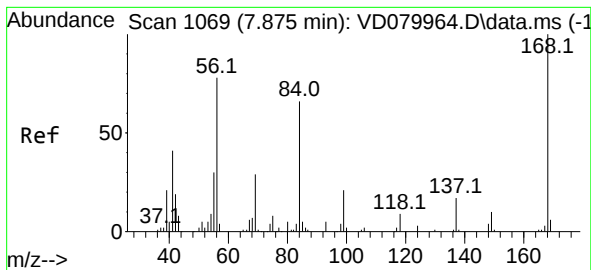
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079974.D

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Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:168 Resp: 143929

Ion Ratio Lower Upper

168 100

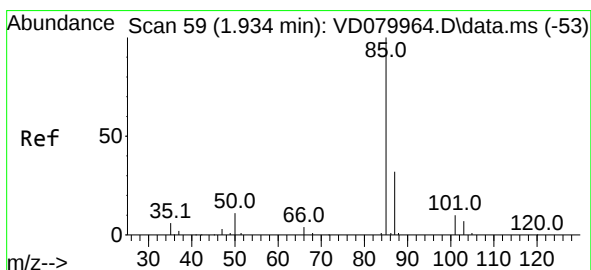
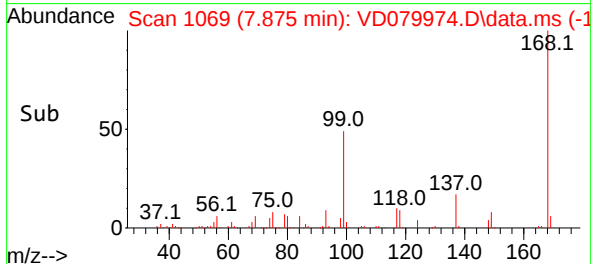
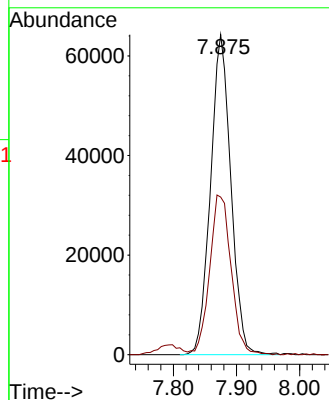
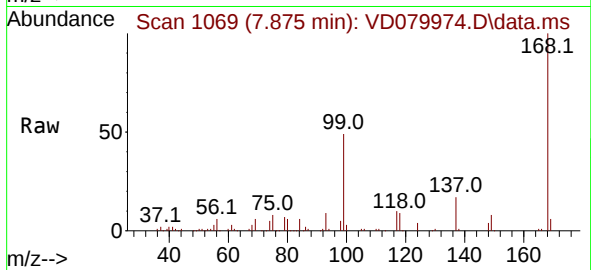
99 49.2 46.0 69.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#2

Dichlorodifluoromethane

Concen: 3.100 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079974.D

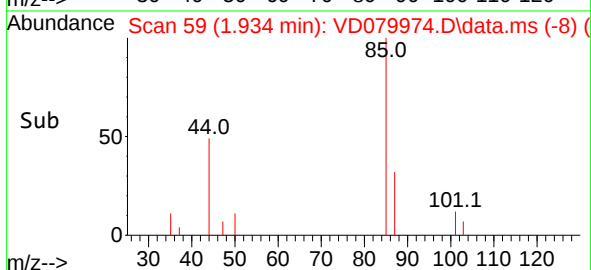
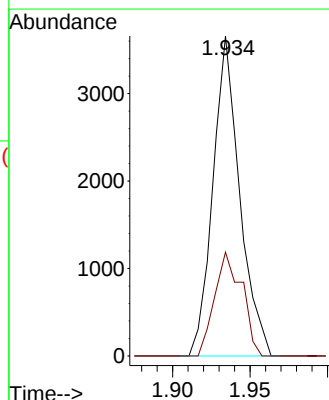
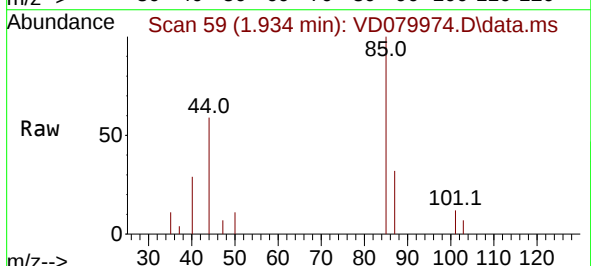
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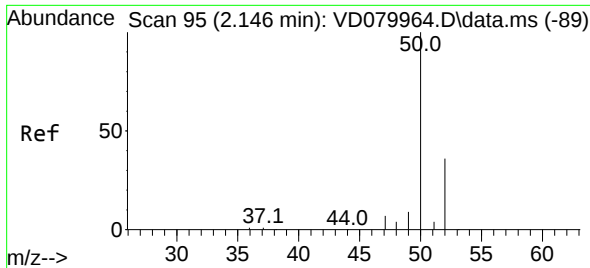
Tgt Ion: 85 Resp: 4386

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2





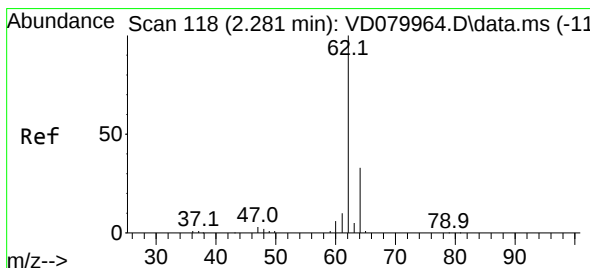
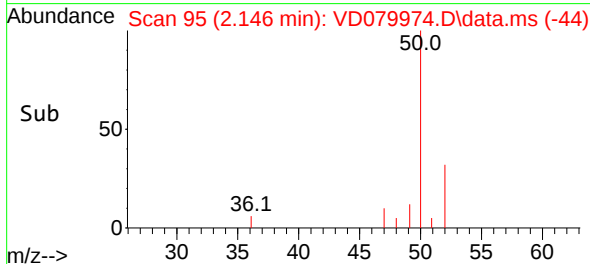
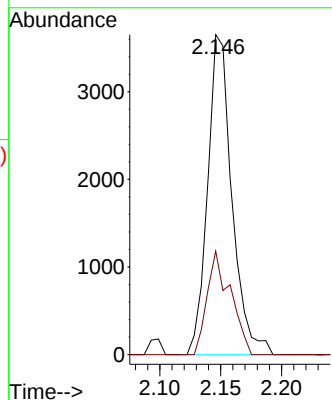
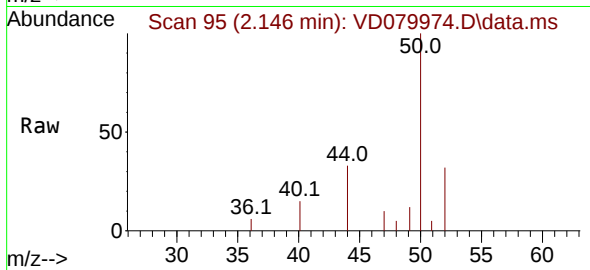
#3
Chloromethane
Concen: 3.485 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 50 Resp: 5064
Ion Ratio Lower Upper
50 100
52 32.3 28.8 43.2

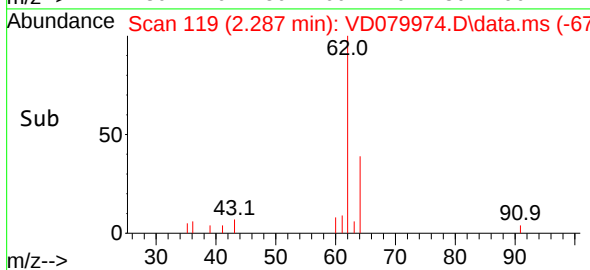
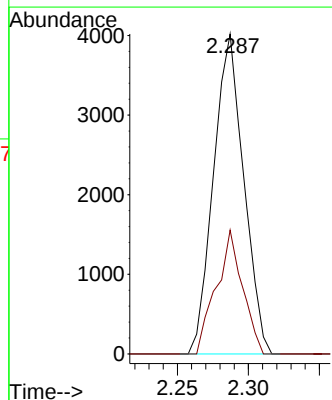
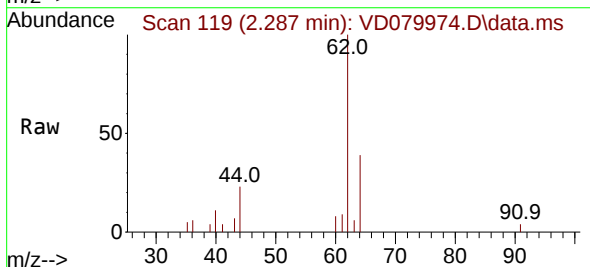
Manual Integrations
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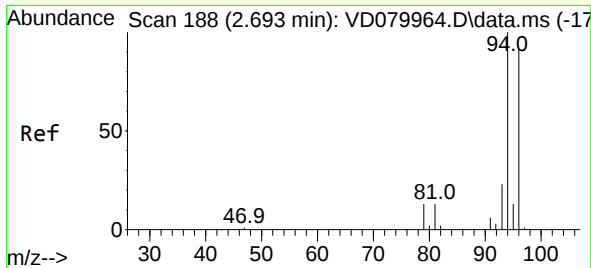
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#4
Vinyl Chloride
Concen: 3.289 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

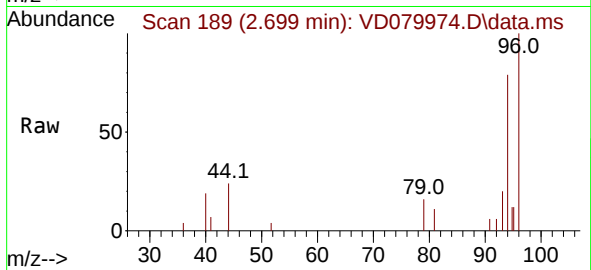
Tgt Ion: 62 Resp: 5942
Ion Ratio Lower Upper
62 100
64 38.7 26.5 39.7





#5
Bromomethane
Concen: 3.629 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

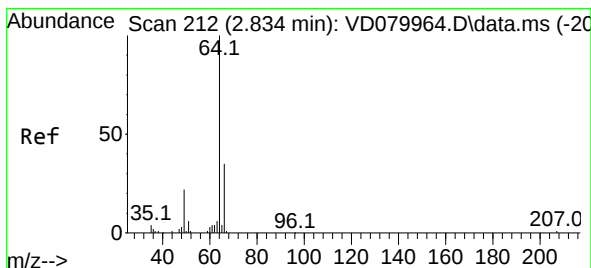
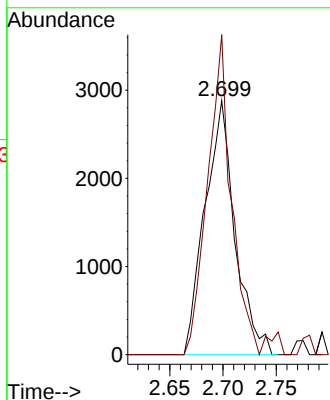
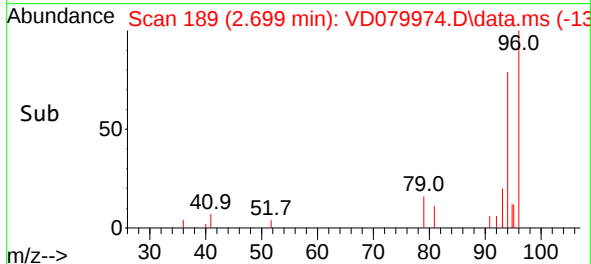
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Tgt Ion: 94 Resp: 5640
Ion Ratio Lower Upper
94 100
96 100.0 76.2 114.2

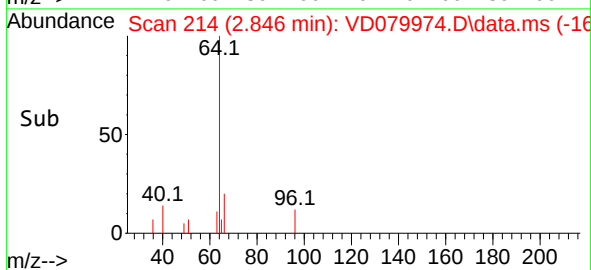
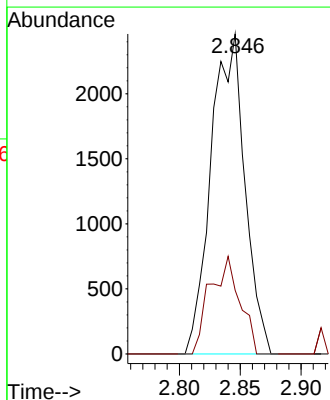
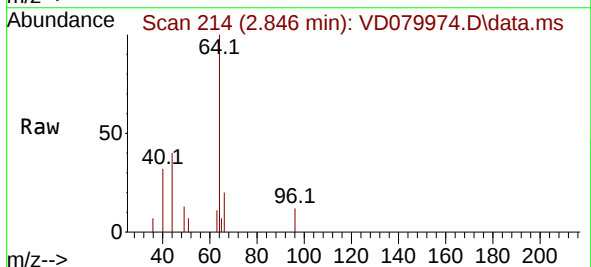
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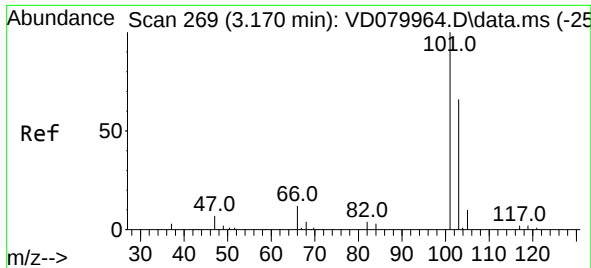
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#6
Chloroethane
Concen: 3.849 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

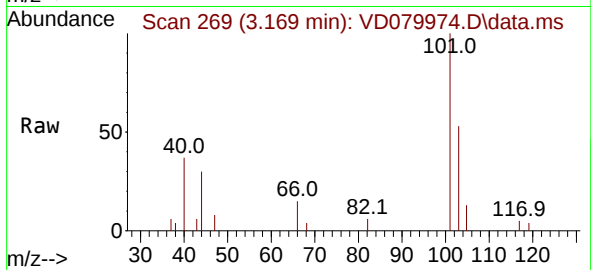
Tgt Ion: 64 Resp: 4747
Ion Ratio Lower Upper
64 100
66 19.9 27.6 41.4#





#7
Trichlorofluoromethane
Concen: 3.053 ug/l
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD079974.D
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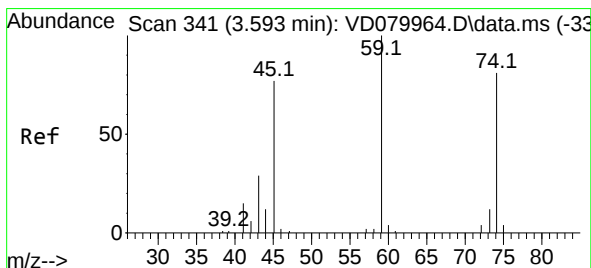
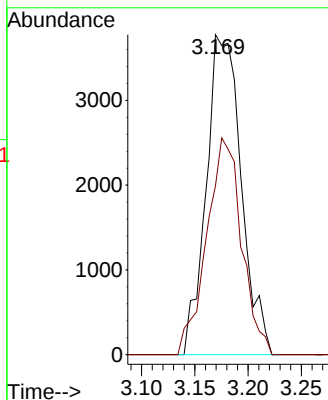
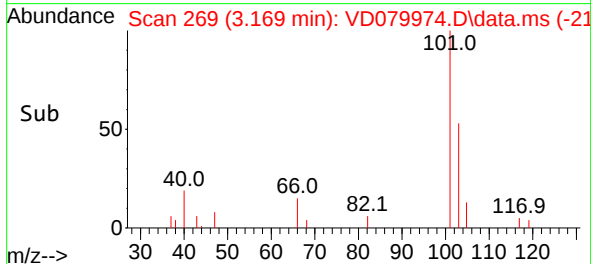
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:101 Resp: 864
Ion Ratio Lower Upper
101 100
103 52.8 53.0 79.6

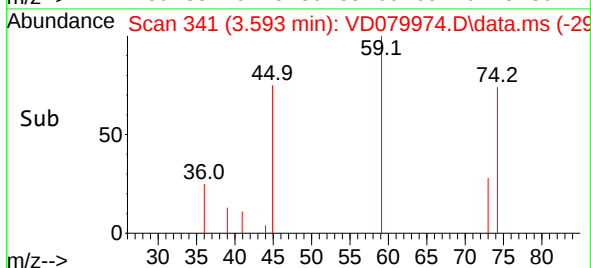
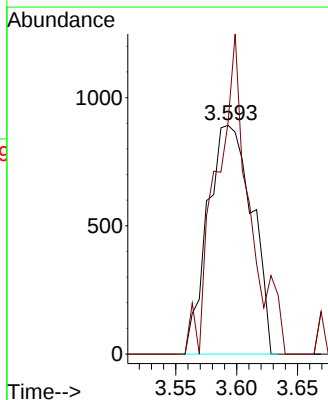
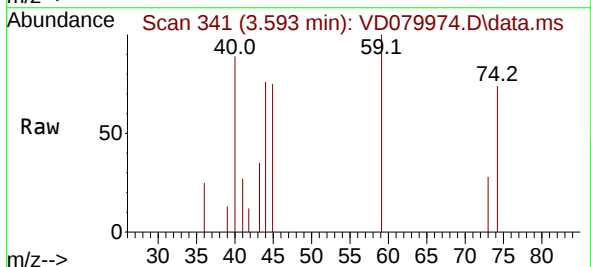
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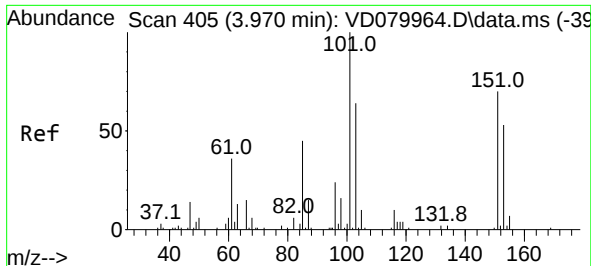
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#8
Diethyl Ether
Concen: 2.908 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 74 Resp: 2261
Ion Ratio Lower Upper
74 100
45 104.2 47.8 143.3





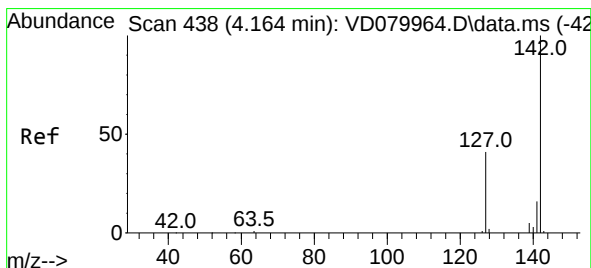
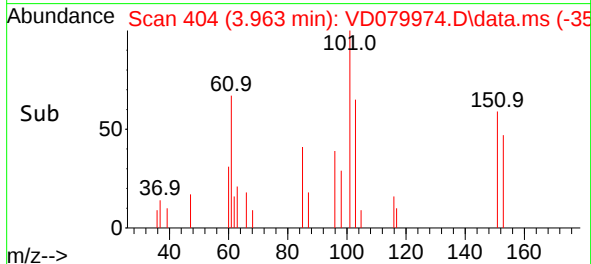
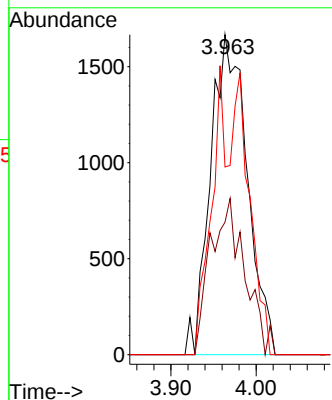
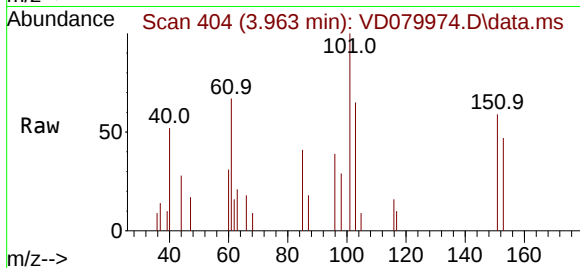
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.876 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:101 Resp: 5000
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 34.5 60.3 90.5

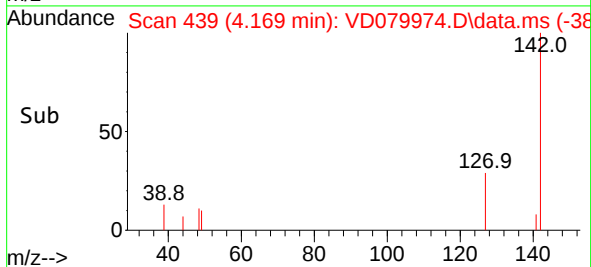
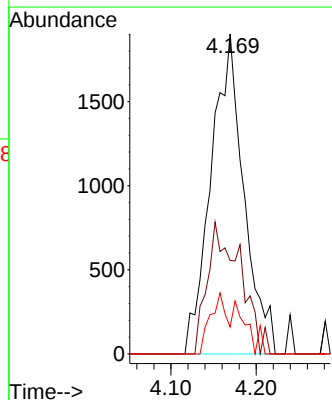
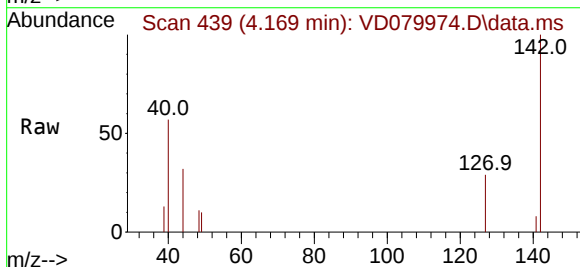
Manual Integrations
APPROVED

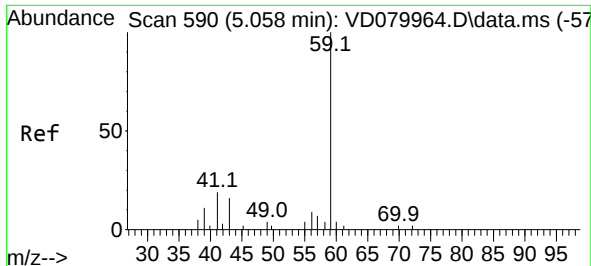
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#10
Methyl Iodide
Concen: 2.992 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

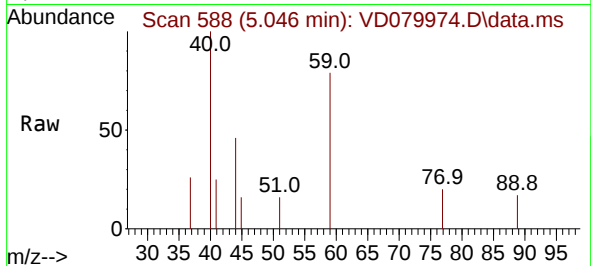
Tgt Ion:142 Resp: 5100
Ion Ratio Lower Upper
142 100
127 41.4 35.3 52.9
141 9.6 12.2 18.2





#11
Tert butyl alcohol
Concen: 20.331 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

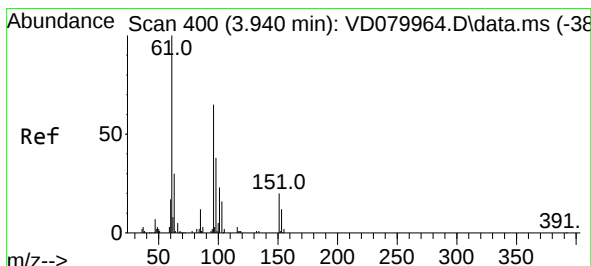
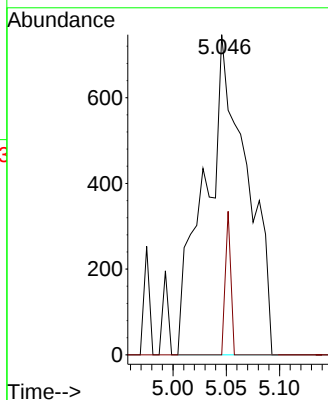
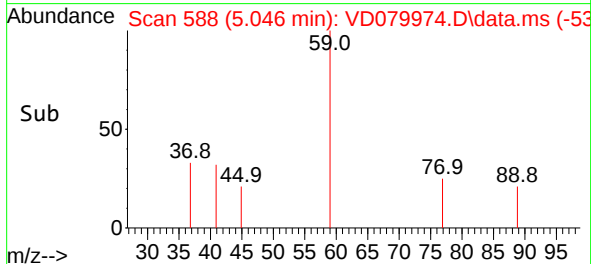
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 59 Resp: 2030
Ion Ratio Lower Upper
59 100
57 5.8 4.8 7.2

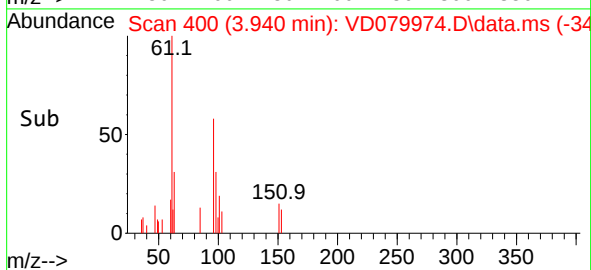
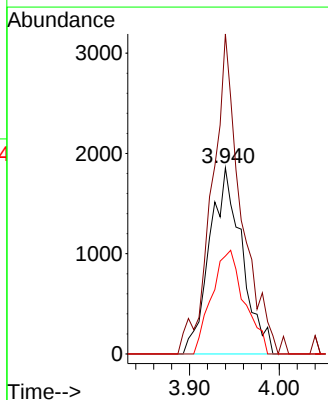
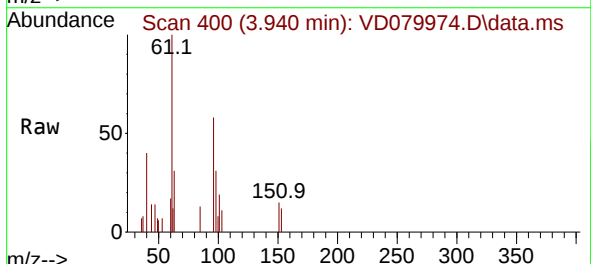
Manual Integrations
APPROVED

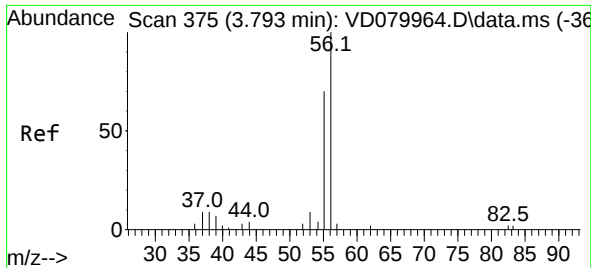
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#12
1,1-Dichloroethene
Concen: 3.020 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

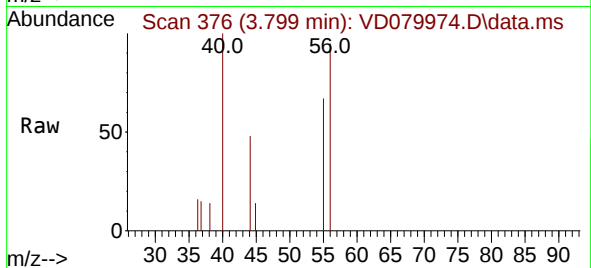
Tgt Ion: 96 Resp: 4670
Ion Ratio Lower Upper
96 100
61 172.0 122.6 184.0
98 52.6 47.1 70.7





#13
Acrolein
Concen: 19.512 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

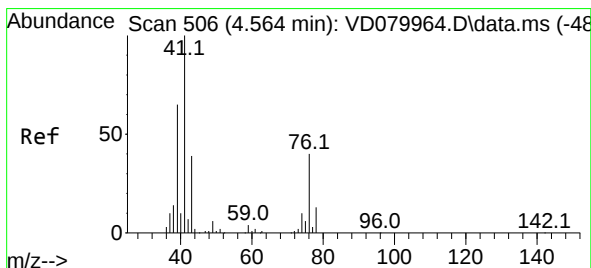
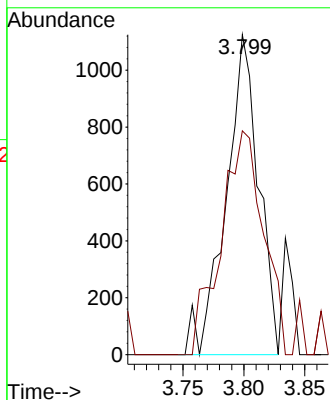
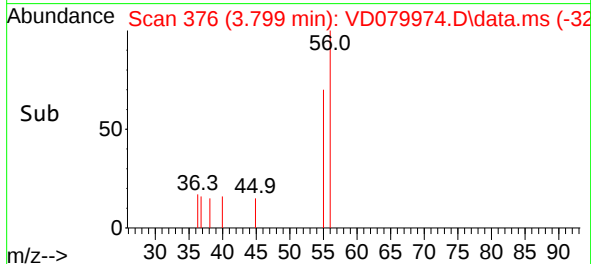
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 91.5 58.2 87.2

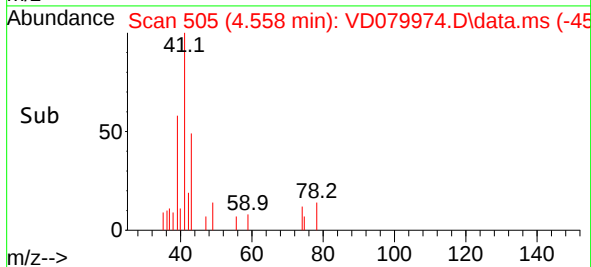
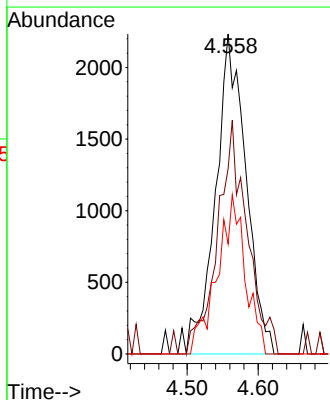
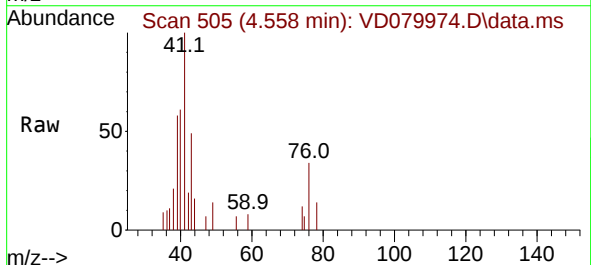
Manual Integrations
APPROVED

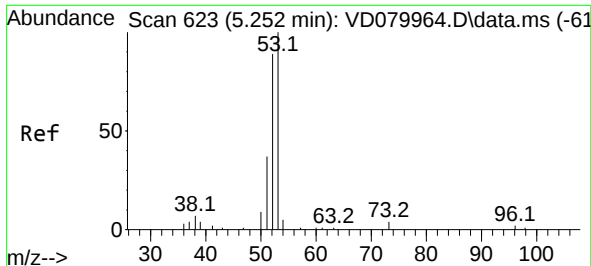
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#14
Allyl chloride
Concen: 2.908 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

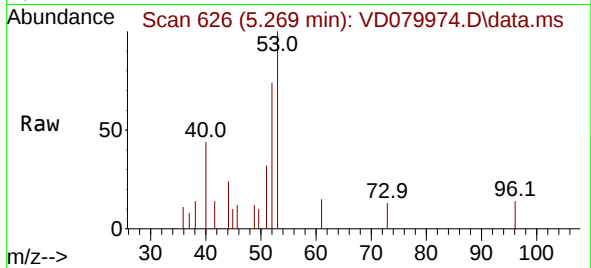
Tgt Ion: 41 Resp: 6680
Ion Ratio Lower Upper
41 100
39 70.9 53.3 79.9
76 46.1 32.0 48.0





#15
Acrylonitrile
Concen: 14.935 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

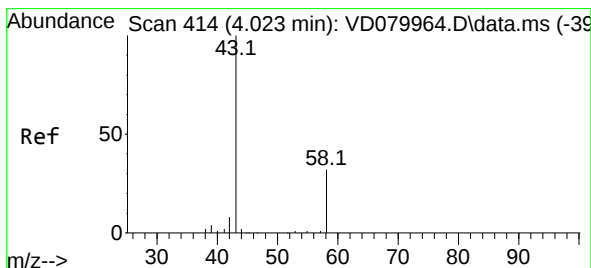
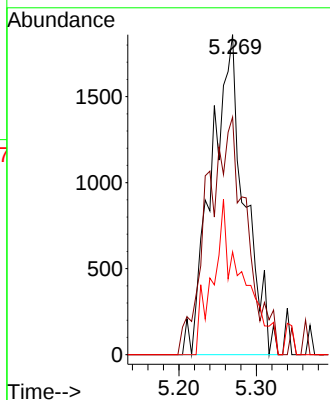
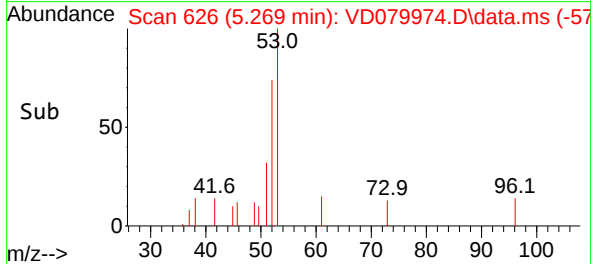
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 53 Resp: 5548
Ion Ratio Lower Upper
53 100
52 60.7 66.2 99.4
51 43.6 30.3 45.5

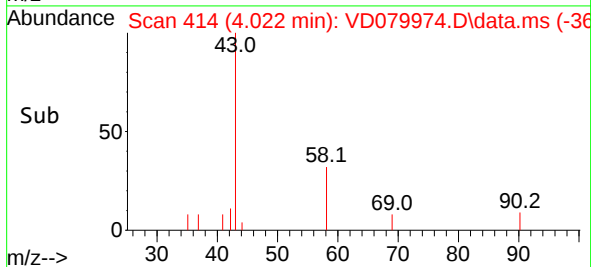
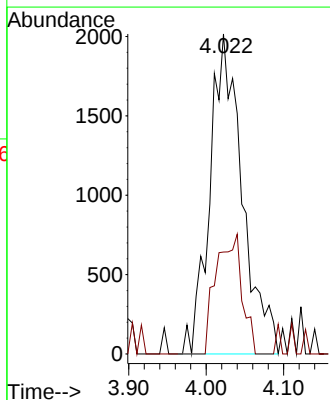
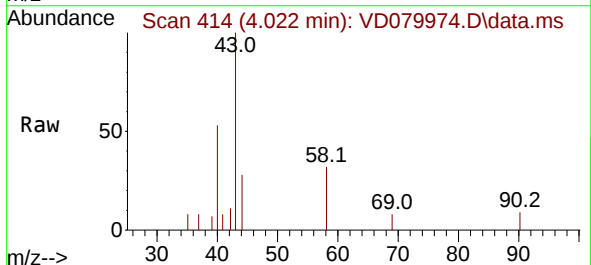
Manual Integrations
APPROVED

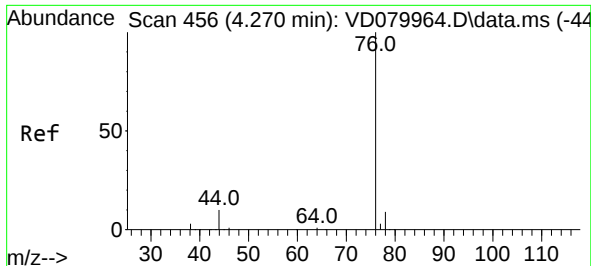
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#16
Acetone
Concen: 13.837 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 43 Resp: 5872
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2





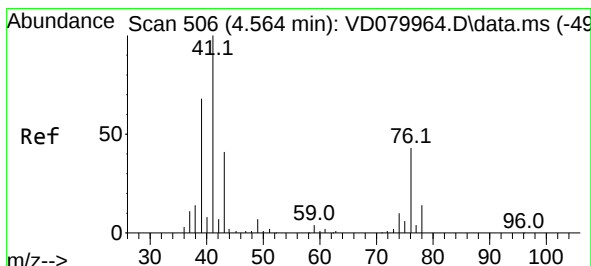
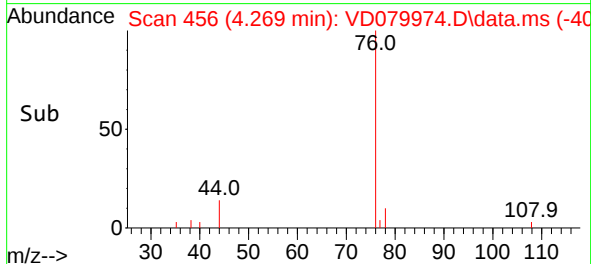
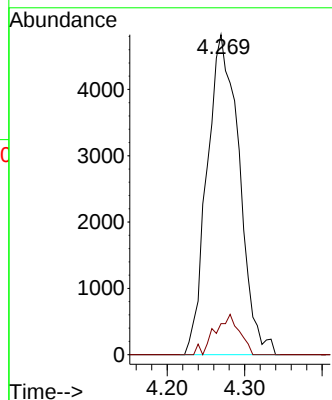
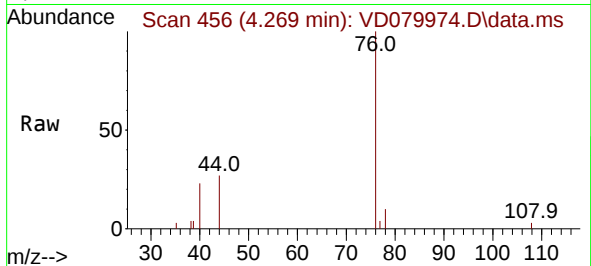
#17
Carbon Disulfide
Concen: 3.221 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 76 Resp: 1388
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

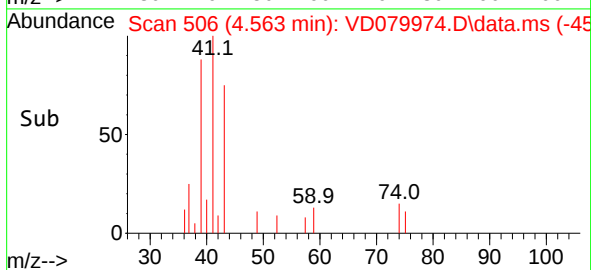
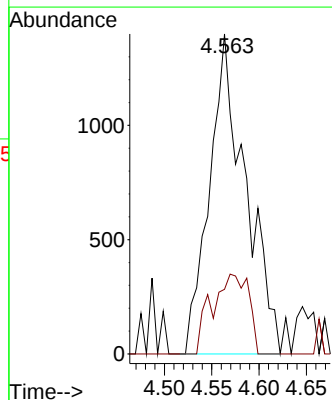
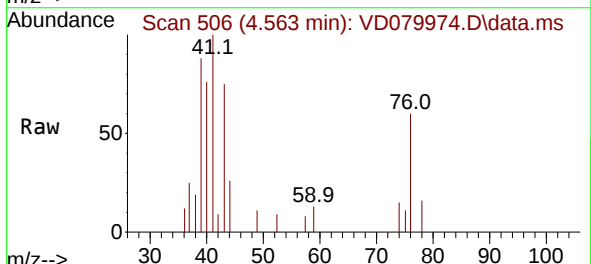
Manual Integrations
APPROVED

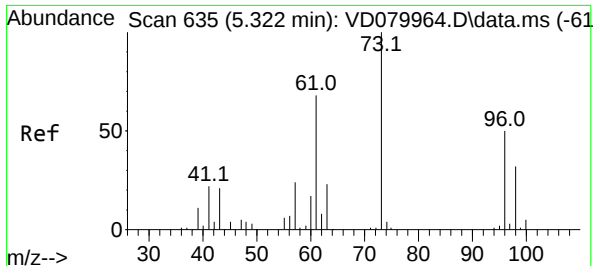
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#18
Methyl Acetate
Concen: 4.082 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
74 25.2 20.5 30.7





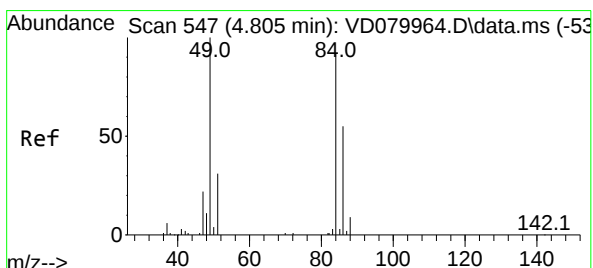
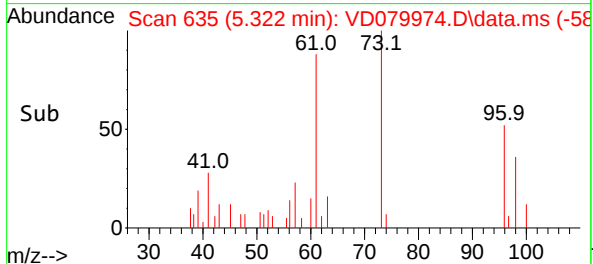
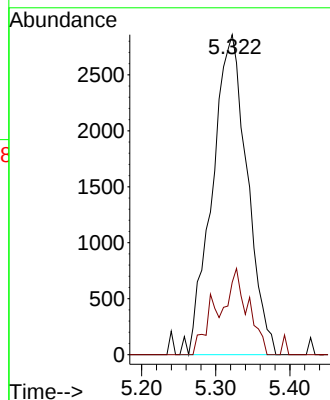
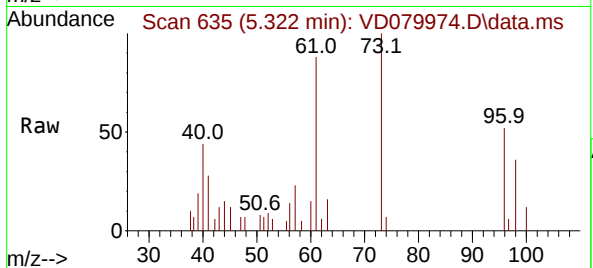
#19
Methyl tert-butyl Ether
Concen: 2.625 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 73 Resp: 937
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2

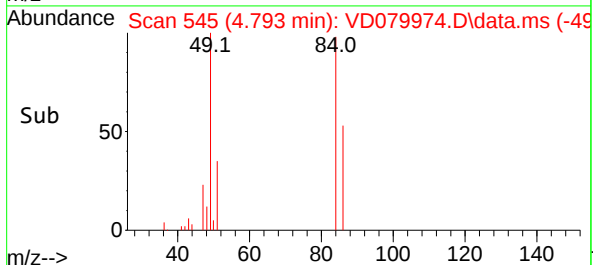
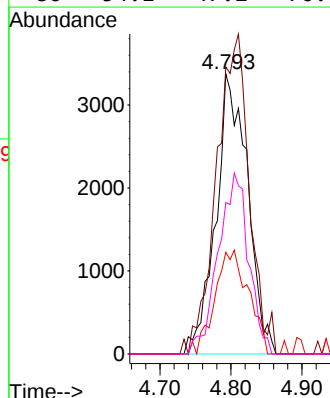
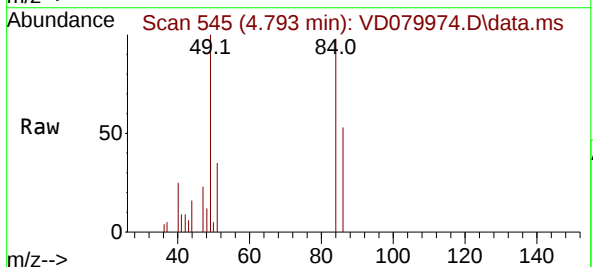
Manual Integrations
APPROVED

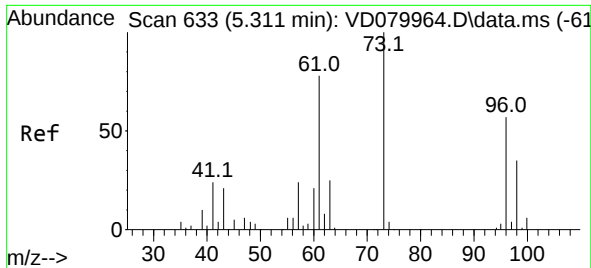
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#20
Methylene Chloride
Concen: 5.022 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

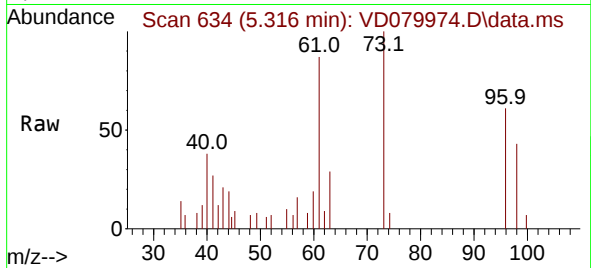
Tgt Ion: 84 Resp: 10468
Ion Ratio Lower Upper
84 100
49 102.5 86.5 129.7
51 36.3 26.9 40.3
86 54.1 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 3.079 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

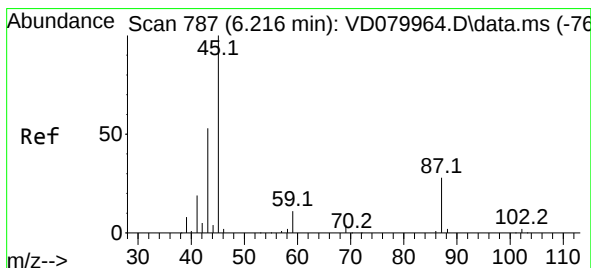
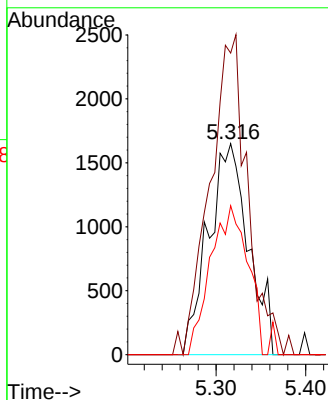
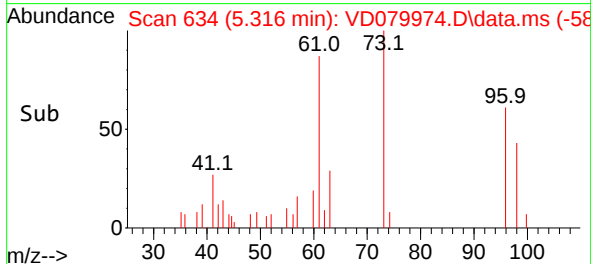
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 96 Resp: 511
Ion Ratio Lower Upper
96 100
61 132.7 109.4 164.0
98 70.6 49.8 74.8

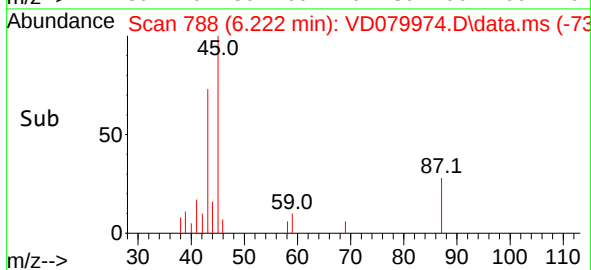
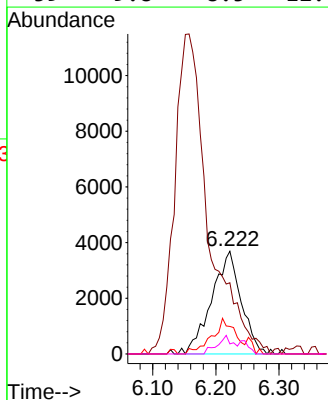
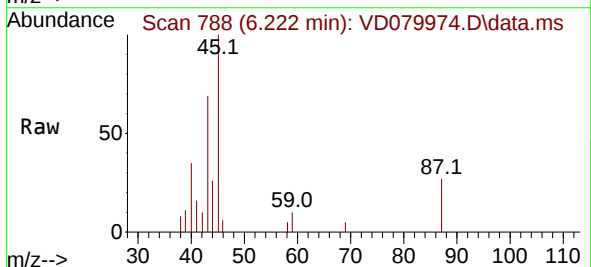
Manual Integrations
APPROVED

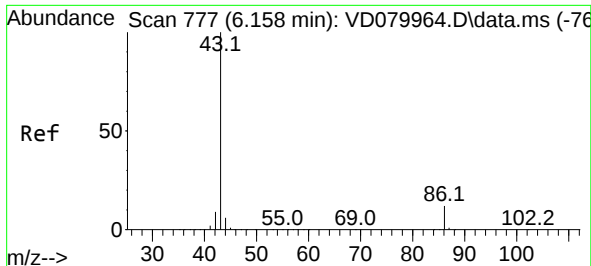
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#22
Diisopropyl ether
Concen: 2.420 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

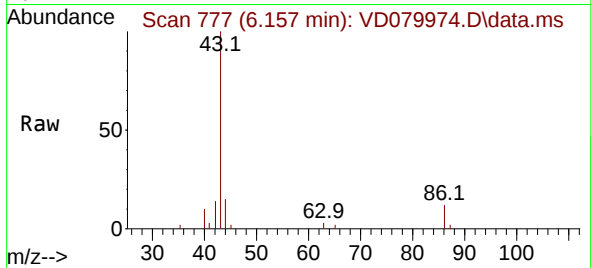
Tgt Ion: 45 Resp: 12053
Ion Ratio Lower Upper
45 100
43 63.9 42.6 63.8#
87 26.8 22.7 34.1
59 9.8 8.5 12.7





#23
 Vinyl Acetate
 Concen: 15.247 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

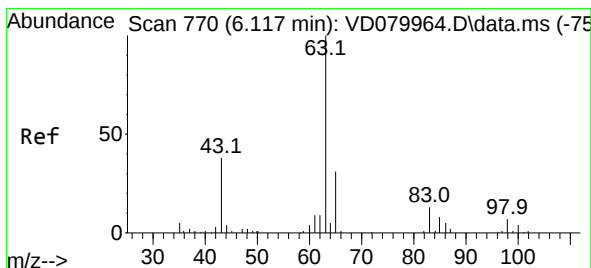
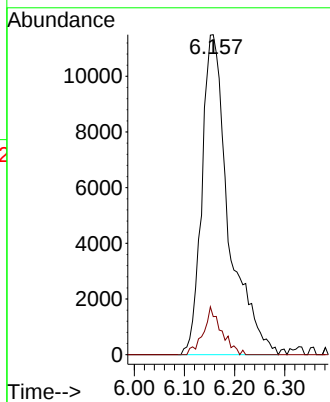
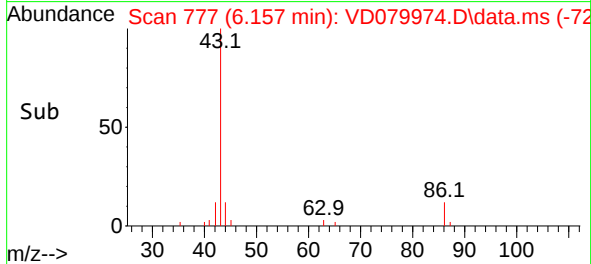
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



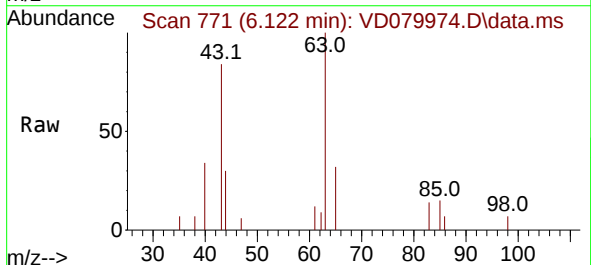
Tgt Ion: 43 Resp: 42670
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

Manual Integrations
 APPROVED

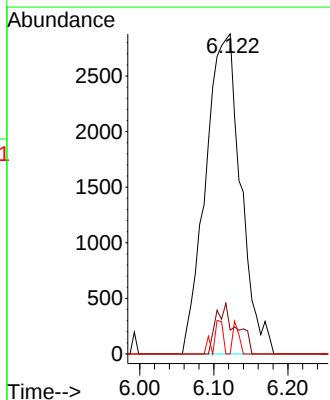
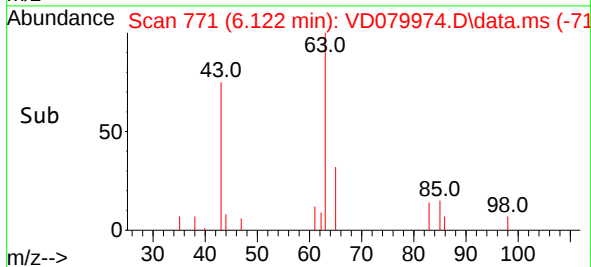
Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

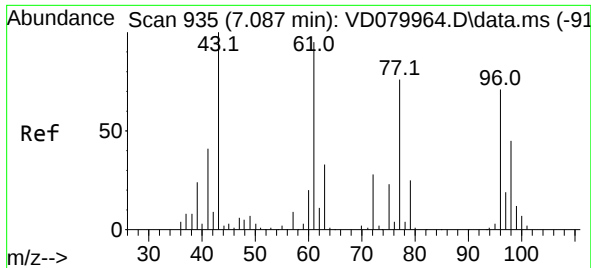


#24
 1,1-Dichloroethane
 Concen: 2.886 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54



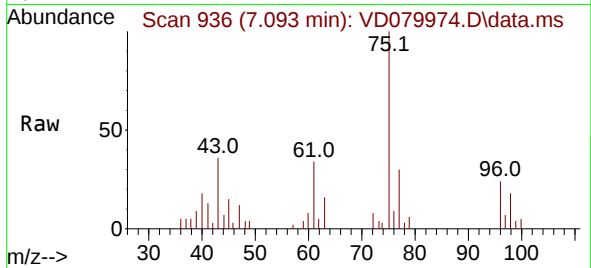
Tgt Ion: 63 Resp: 9472
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 0.0 2.1 6.5





#25
2-Butanone
Concen: 13.432 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

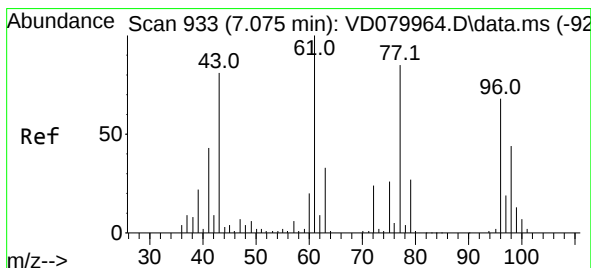
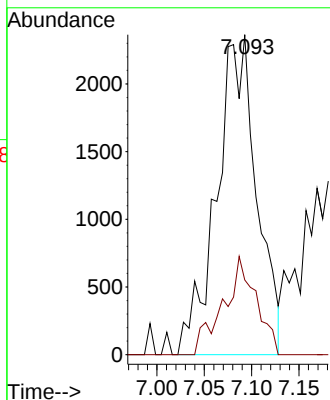
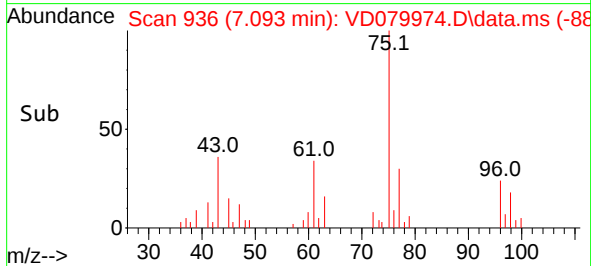
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
72 23.4 22.3 33.5

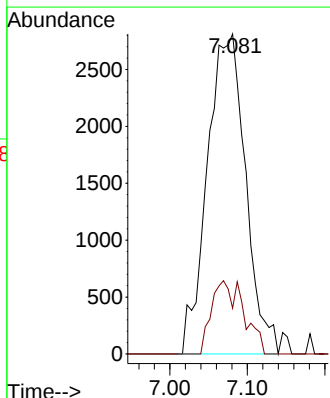
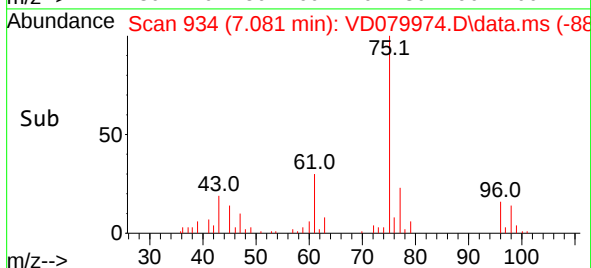
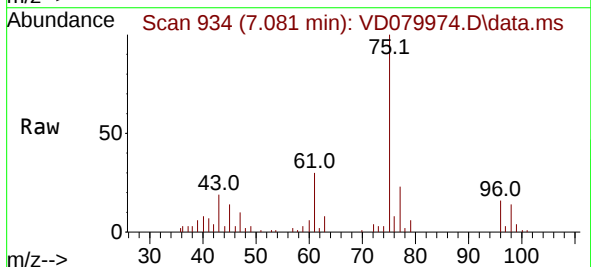
Manual Integrations
APPROVED

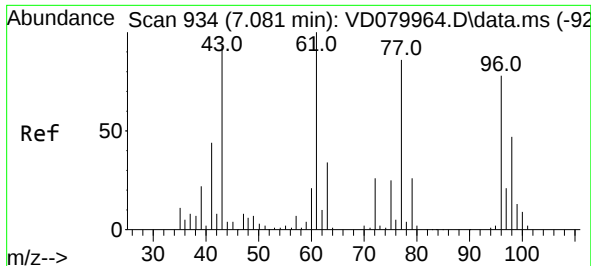
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#26
2,2-Dichloropropane
Concen: 3.398 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 77 Resp: 9650
Ion Ratio Lower Upper
77 100
97 19.4 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 2.888 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

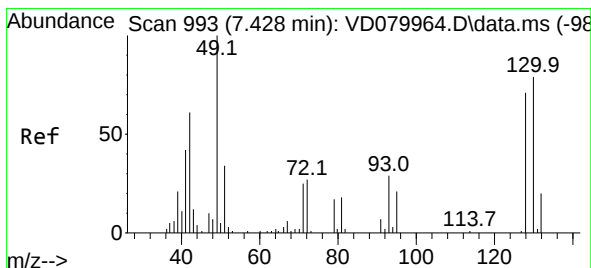
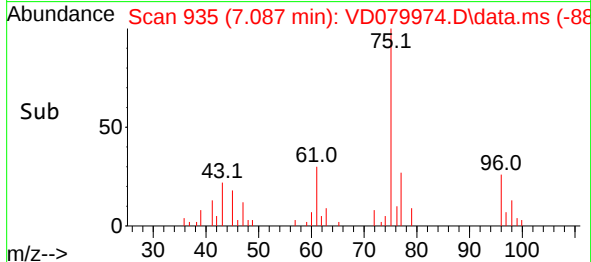
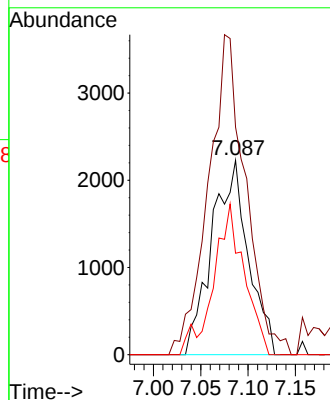
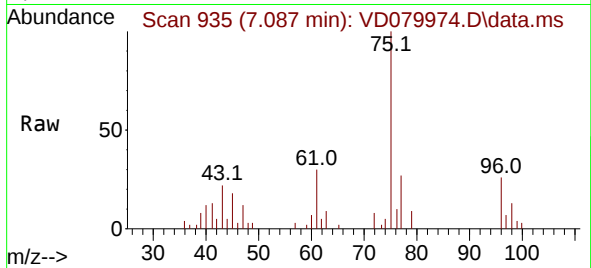
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 96	Resp: 596
Ion Ratio	Lower Upper
96 100	
61 167.3	0.0 278.2
98 65.4	0.0 127.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#28

Bromochloromethane

Concen: 3.502 ug/l

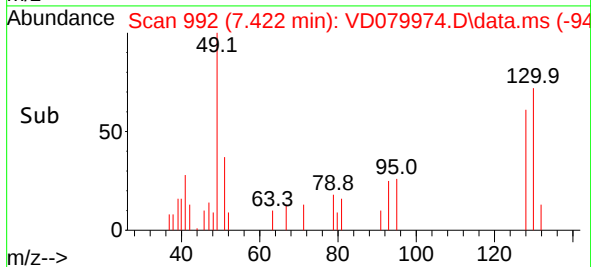
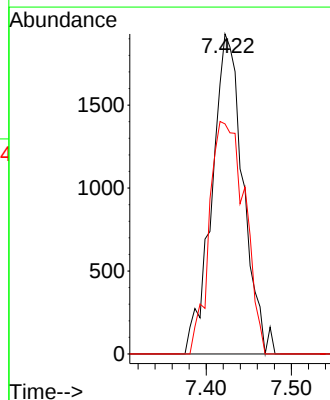
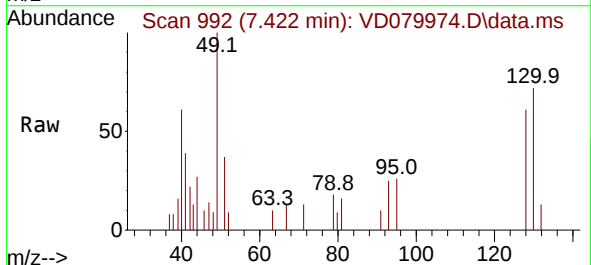
RT: 7.422 min Scan# 992

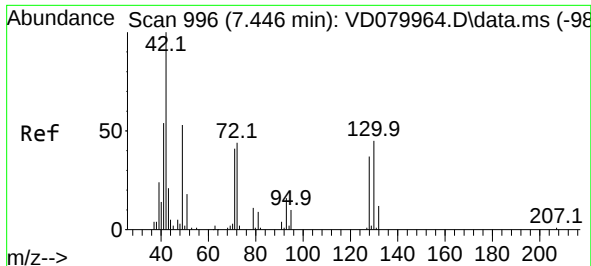
Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

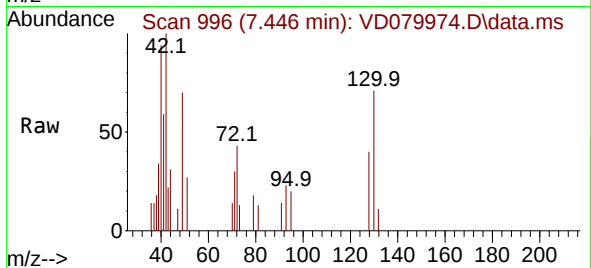
Tgt Ion: 49	Resp: 4905
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 2.2
130 82.4	64.6 97.0





#29
Tetrahydrofuran
Concen: 14.484 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

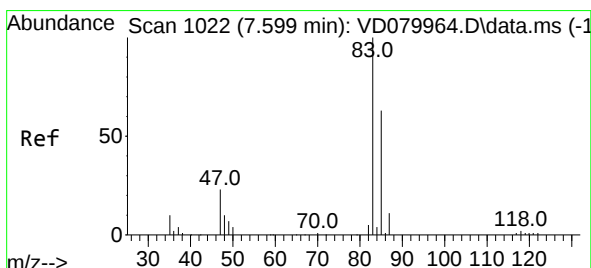
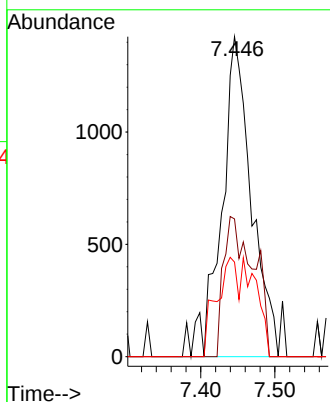
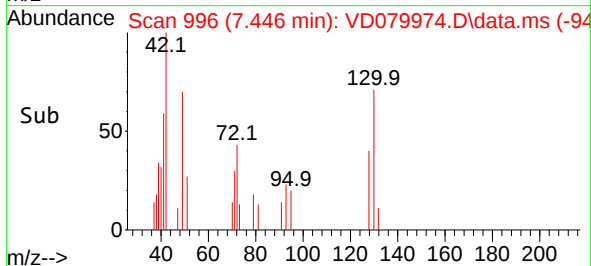
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 42 Resp: 400
Ion Ratio Lower Upper
42 100
72 43.8 36.7 55.1
71 22.3 34.4 51.6

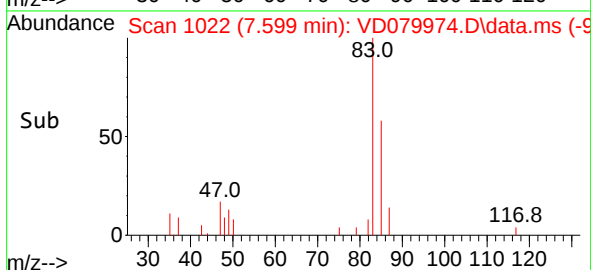
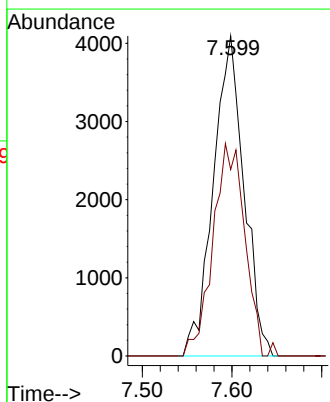
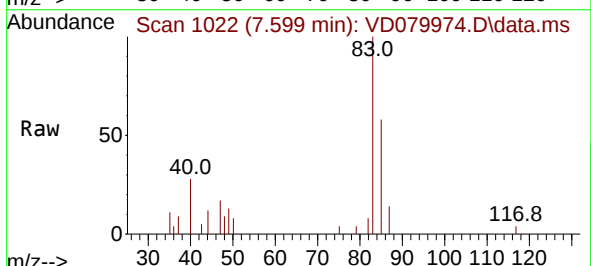
Manual Integrations
APPROVED

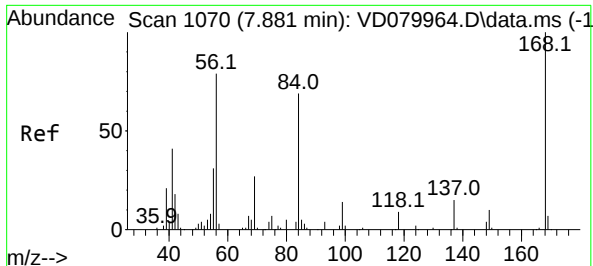
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#30
Chloroform
Concen: 2.799 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

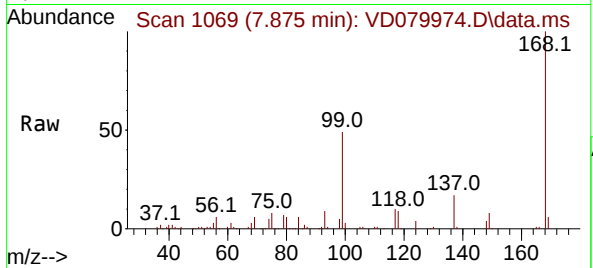
Tgt Ion: 83 Resp: 9729
Ion Ratio Lower Upper
83 100
85 58.2 50.8 76.2





#31
Cyclohexane
Concen: 3.900 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

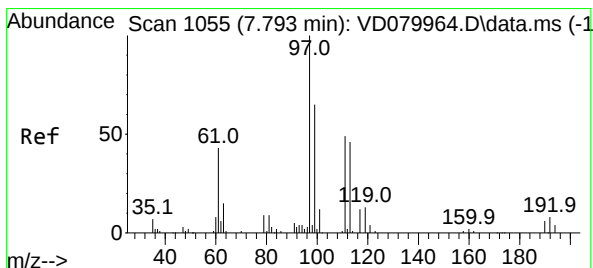
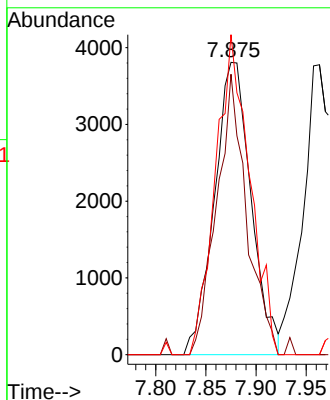
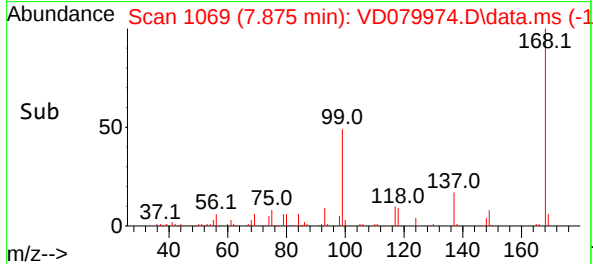
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 56 Resp: 970
Ion Ratio Lower Upper
56 100
69 95.9 27.3 40.9
84 109.5 70.2 105.4

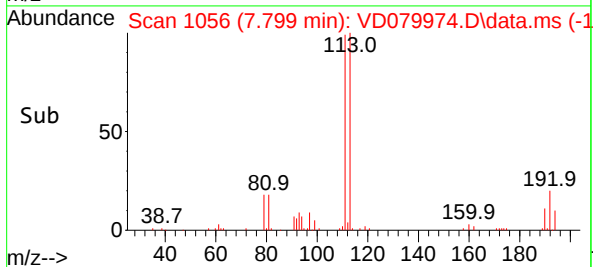
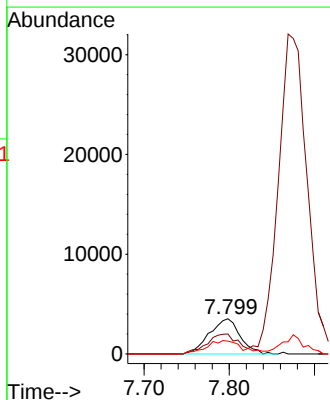
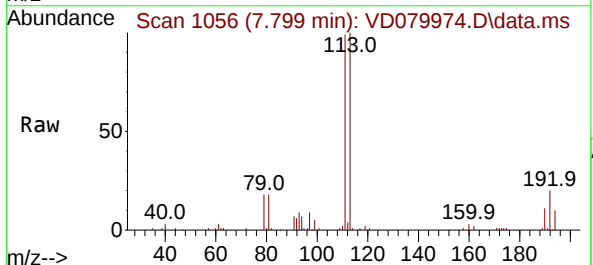
Manual Integrations
APPROVED

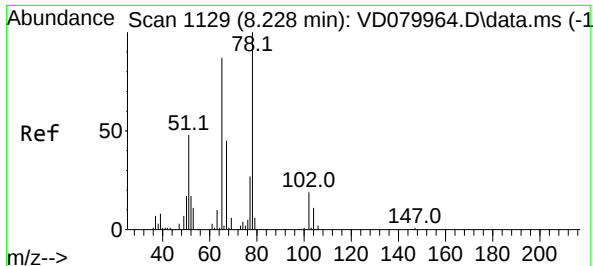
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#32
1,1,1-Trichloroethane
Concen: 3.066 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

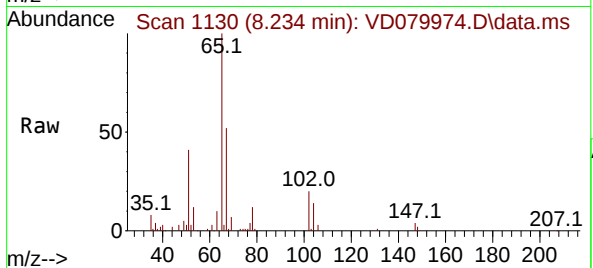
Tgt Ion: 97 Resp: 8829
Ion Ratio Lower Upper
97 100
99 57.8 50.7 76.1
61 44.0 34.2 51.2





#33
1,2-Dichloroethane-d4
Concen: 54.732 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

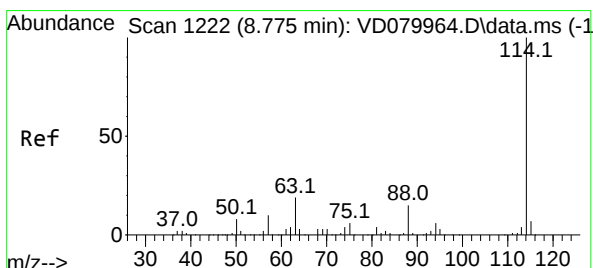
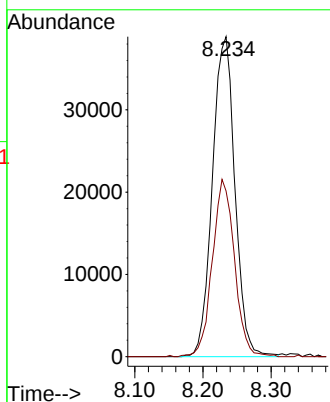
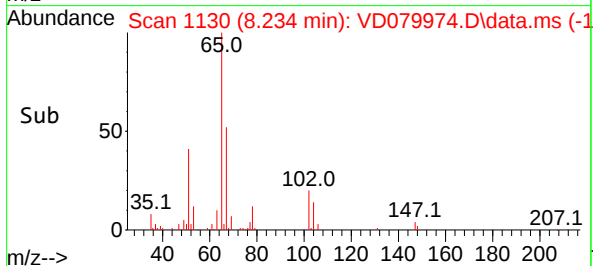
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 65 Resp: 89610
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.2

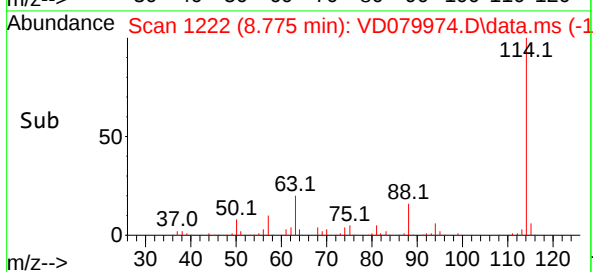
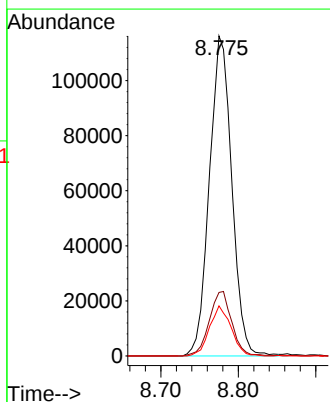
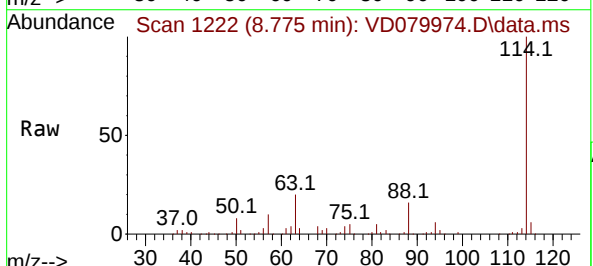
Manual Integrations
APPROVED

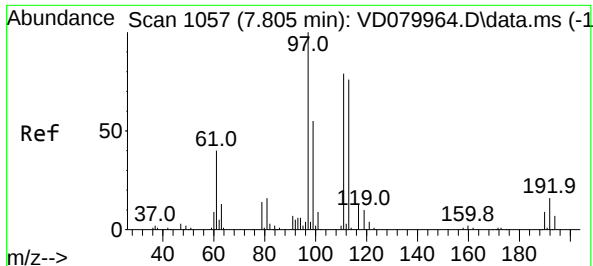
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:114 Resp: 233928
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.8
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.183 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079974.D

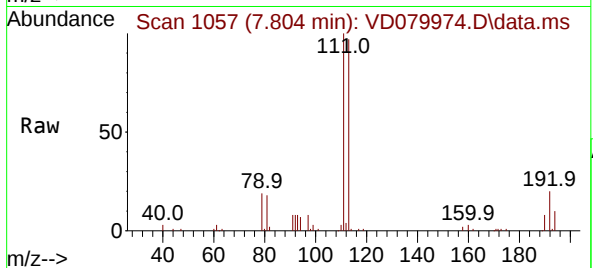
Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



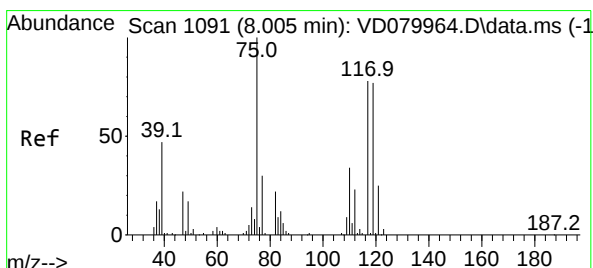
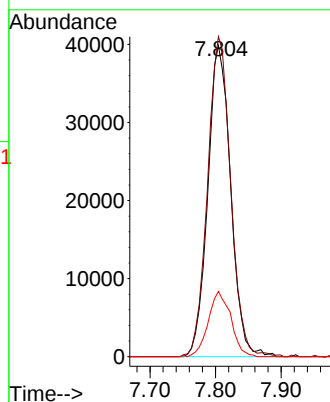
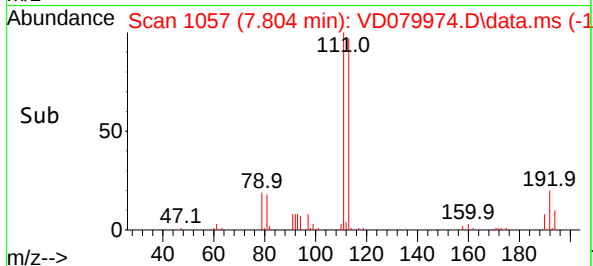
Tgt Ion:	113	Resp:	96549
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.5	123.7
192	20.7	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#36

1,1-Dichloropropene

Concen: 3.077 ug/l

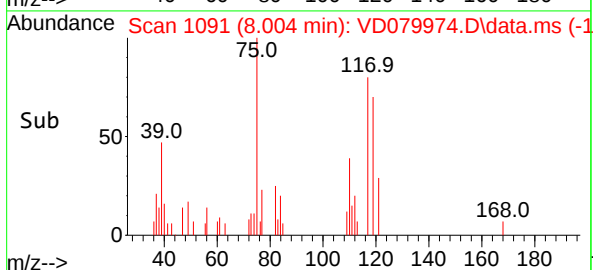
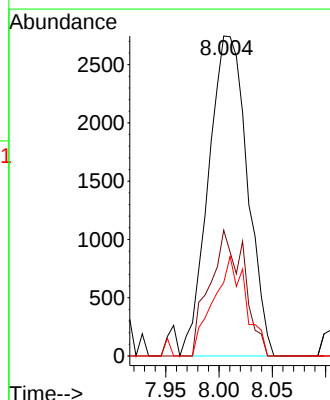
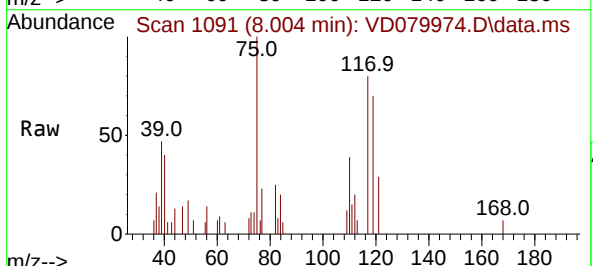
RT: 8.004 min Scan# 1091

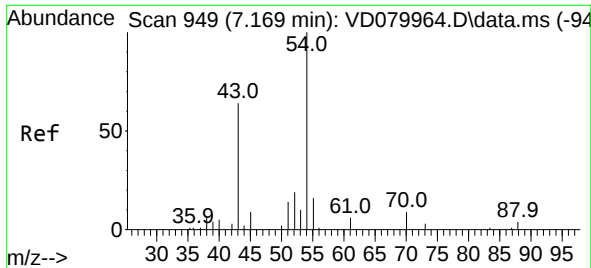
Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

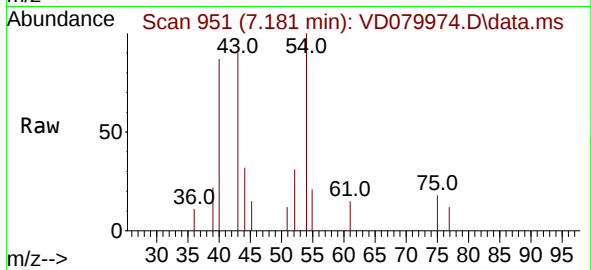
Tgt Ion:	75	Resp:	6964
Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.4	55.0
77	26.1	25.6	38.4





#37
Ethyl Acetate
Concen: 3.376 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

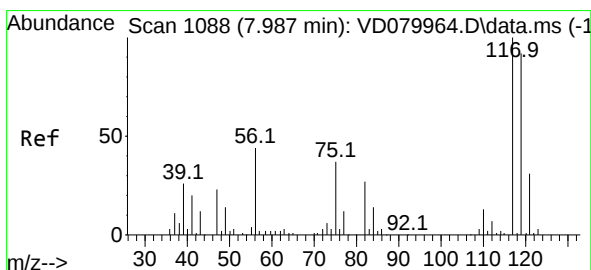
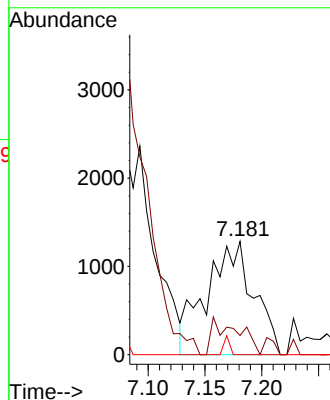
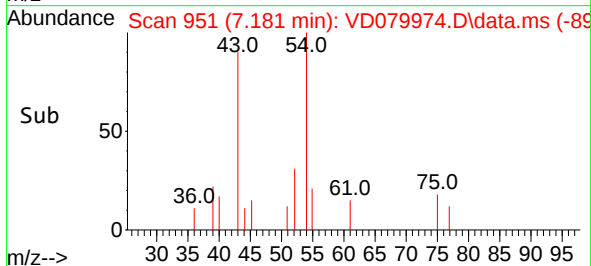
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4
70 2.1 9.4 14.2

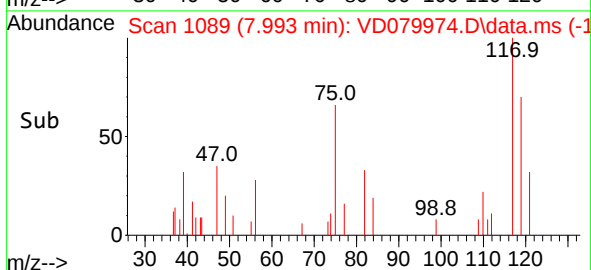
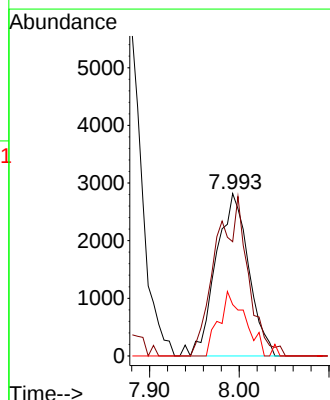
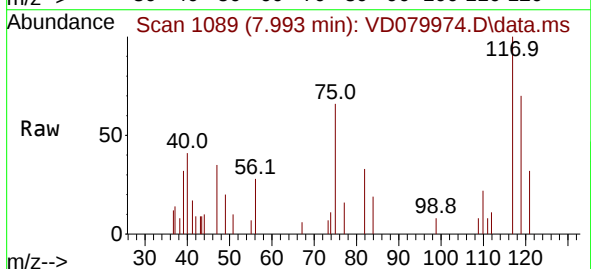
Manual Integrations
APPROVED

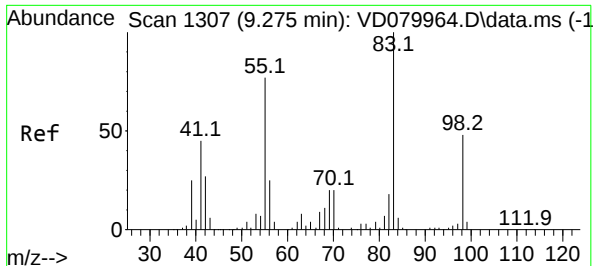
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#38
Carbon Tetrachloride
Concen: 2.837 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:117 Resp: 7133
Ion Ratio Lower Upper
117 100
119 70.3 73.4 110.0#
121 31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 2.858 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

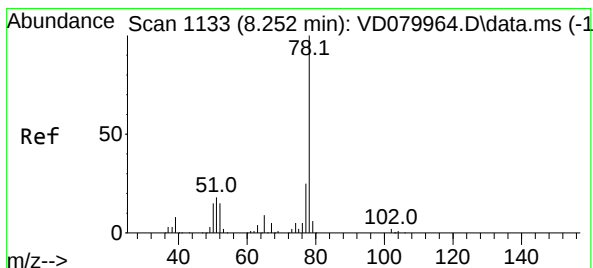
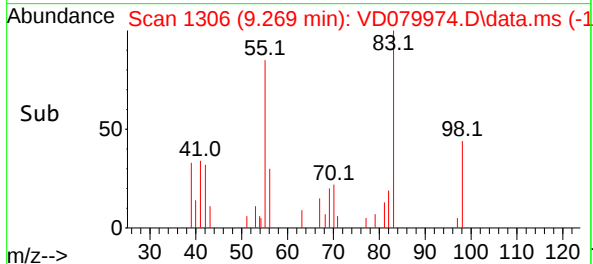
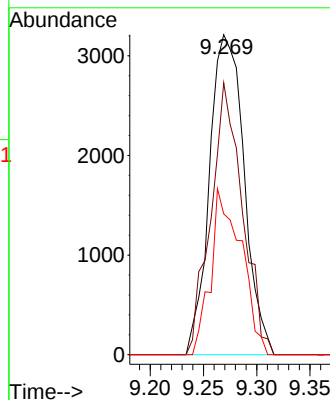
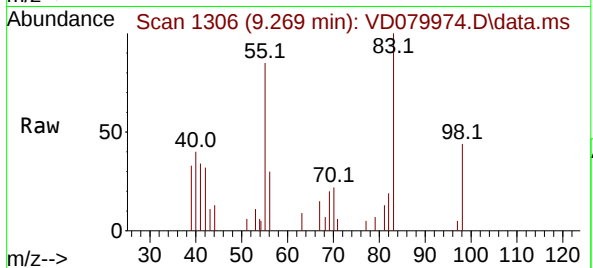
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 83	Resp: 7258
Ion Ratio	Lower Upper
83 100	
55 84.9	62.0 93.0
98 44.0	38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#40

Benzene

Concen: 2.788 ug/l

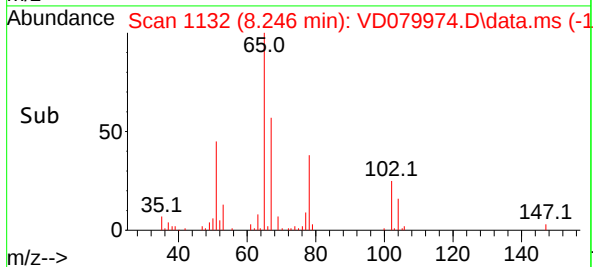
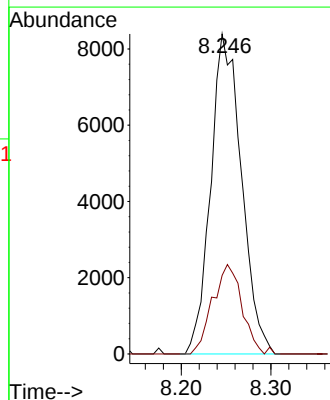
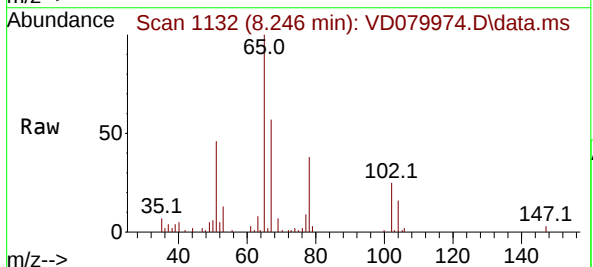
RT: 8.246 min Scan# 1132

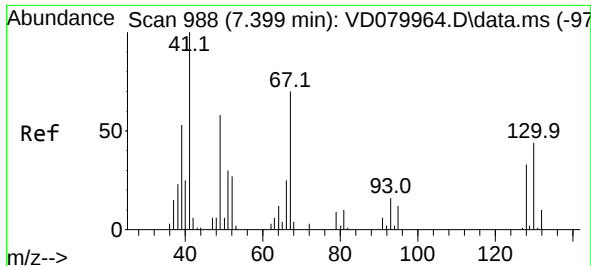
Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

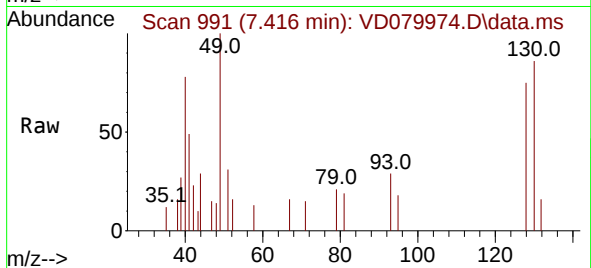
Tgt Ion: 78	Resp: 19948
Ion Ratio	Lower Upper
78 100	
77 24.5	20.2 30.4





#41
Methacrylonitrile
Concen: 3.702 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

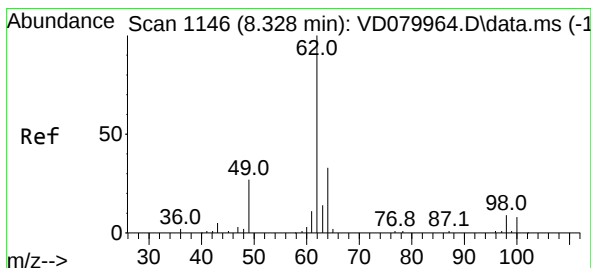
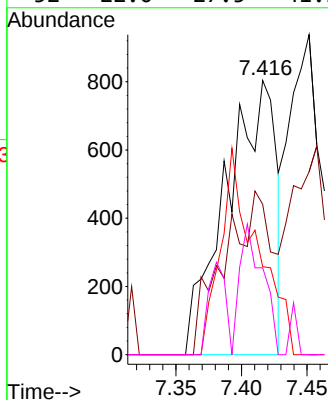
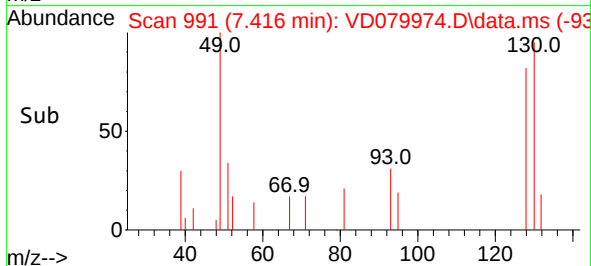
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 41 Resp: 2130
Ion Ratio Lower Upper
41 100
39 57.5 47.8 71.8
67 0.0 64.9 97.3
52 22.0 27.5 41.3#

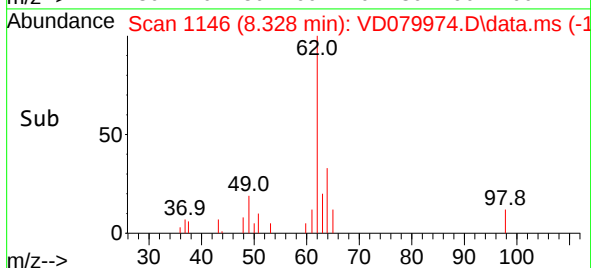
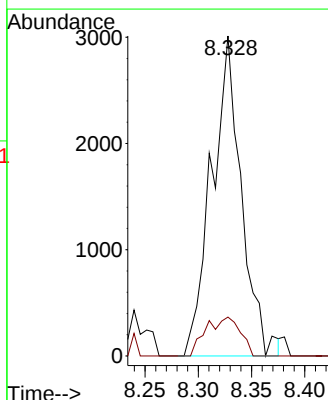
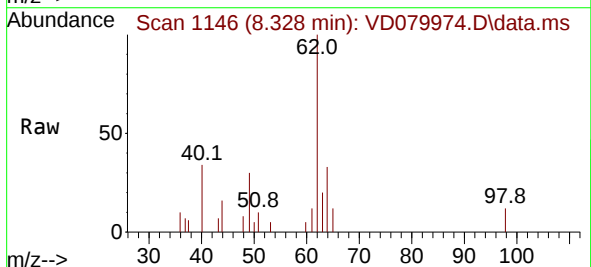
Manual Integrations
APPROVED

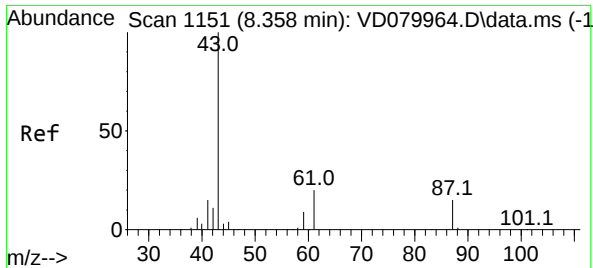
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#42
1,2-Dichloroethane
Concen: 2.971 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

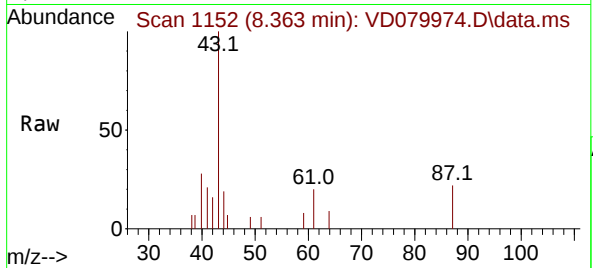
Tgt Ion: 62 Resp: 5846
Ion Ratio Lower Upper
62 100
98 14.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 2.740 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

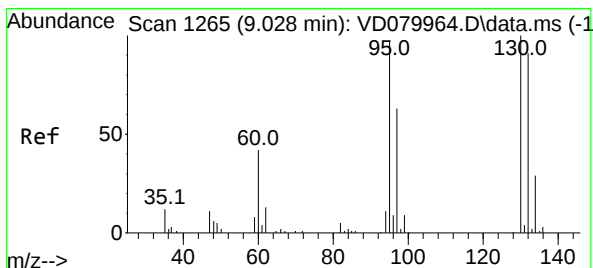
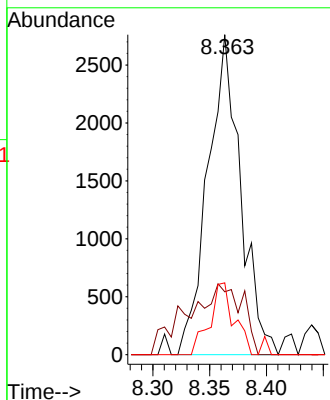
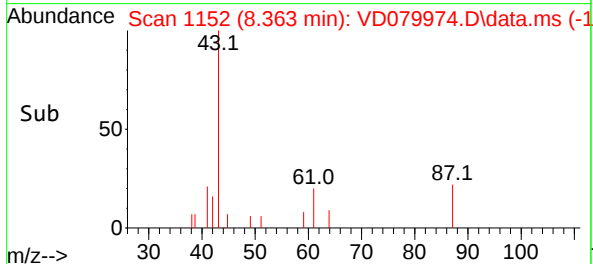
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
61 37.1 26.2 39.2
87 16.8 11.8 17.8

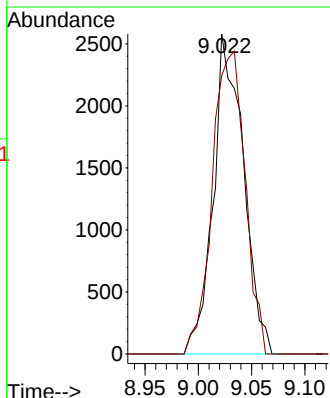
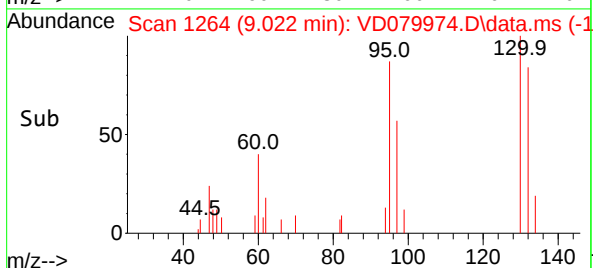
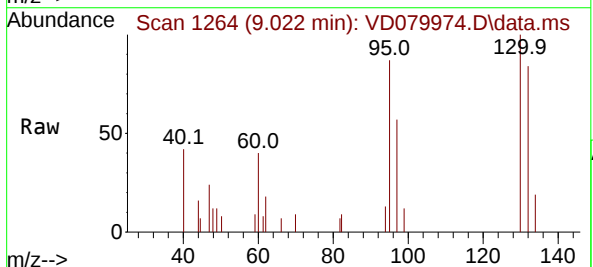
Manual Integrations
APPROVED

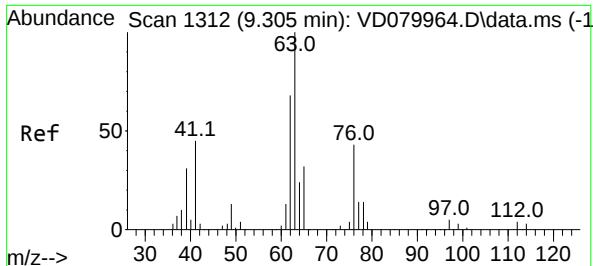
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#44
Trichloroethene
Concen: 2.862 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:130 Resp: 5066
Ion Ratio Lower Upper
130 100
95 87.0 0.0 194.6





#45

1,2-Dichloropropane

Concen: 3.055 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

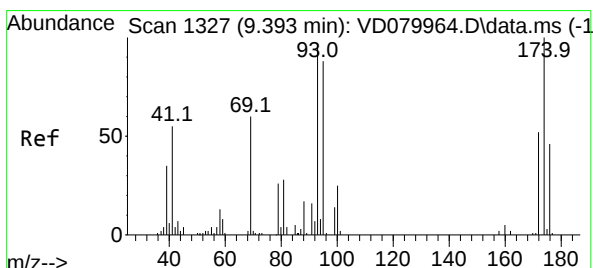
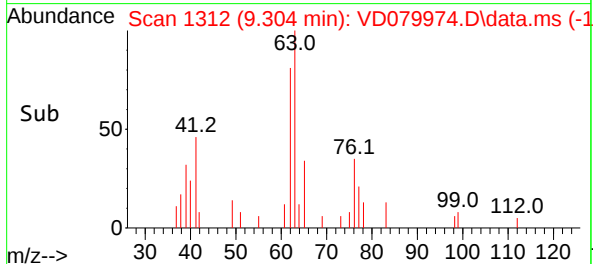
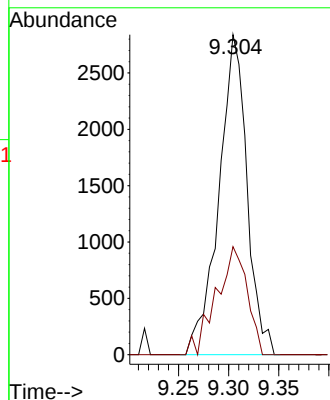
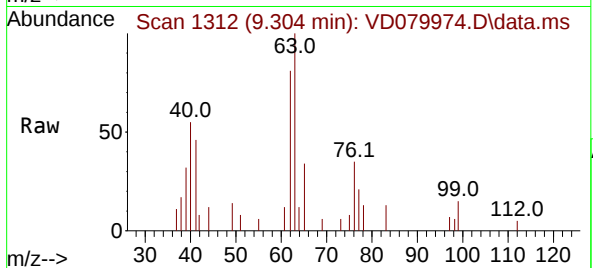
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 63 Resp: 554
 Ion Ratio Lower Upper
 63 100
 65 33.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024



#46

Dibromomethane

Concen: 2.980 ug/l

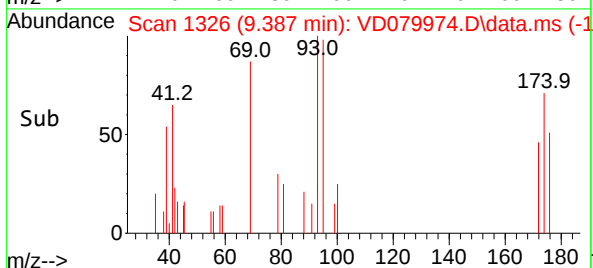
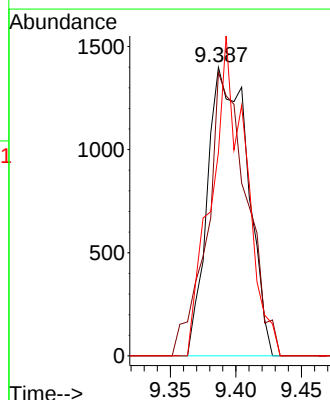
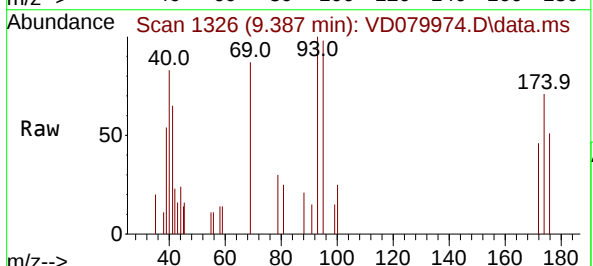
RT: 9.387 min Scan# 1326

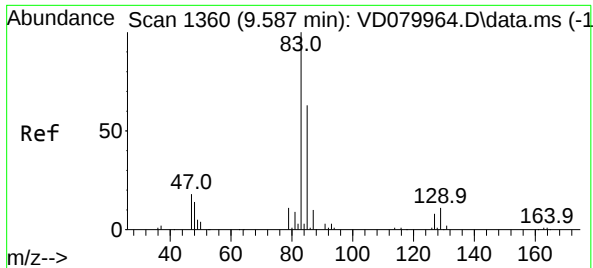
Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

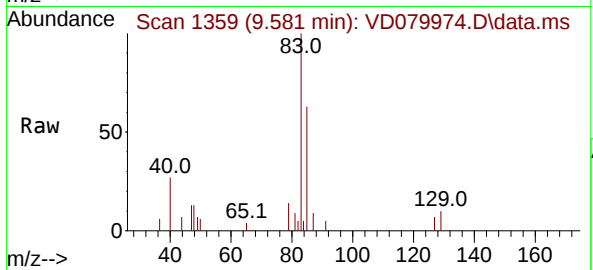
Tgt Ion: 93 Resp: 2984
 Ion Ratio Lower Upper
 93 100
 95 96.6 67.9 101.9
 174 94.7 80.5 120.7





#47
Bromodichloromethane
Concen: 2.838 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

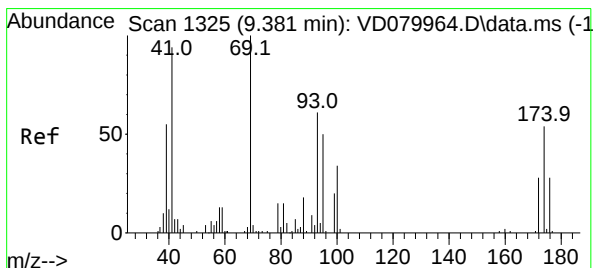
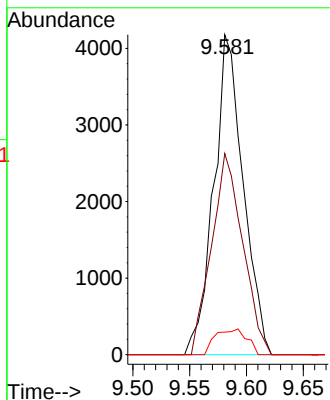
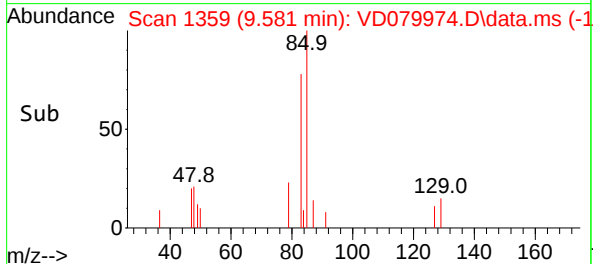
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 83 Resp: 7530
Ion Ratio Lower Upper
83 100
85 62.9 50.6 75.8
127 7.1 6.1 9.1

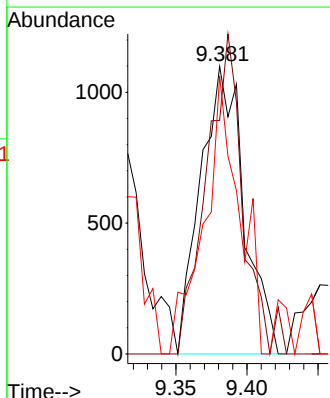
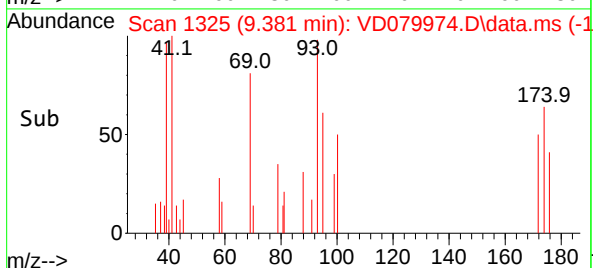
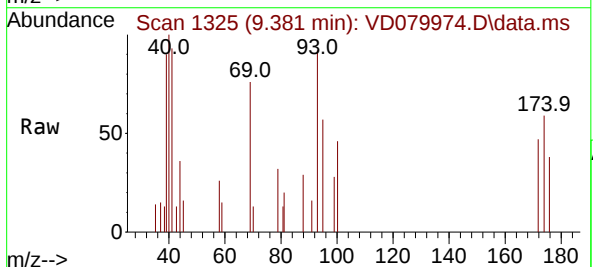
Manual Integrations
APPROVED

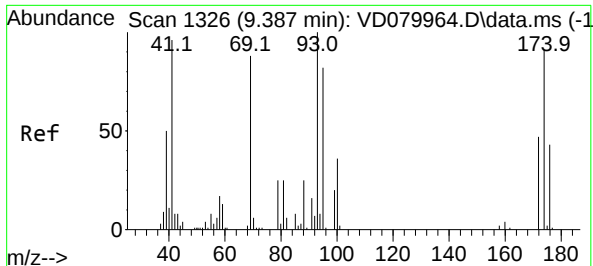
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#48
Methyl methacrylate
Concen: 2.574 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

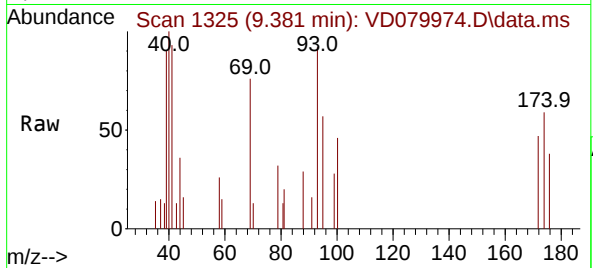
Tgt Ion: 41 Resp: 2340
Ion Ratio Lower Upper
41 100
69 93.6 74.0 111.0
39 78.6 41.9 62.9#





#49
1,4-Dioxane
Concen: 54.718 ug/l
RT: 9.381 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

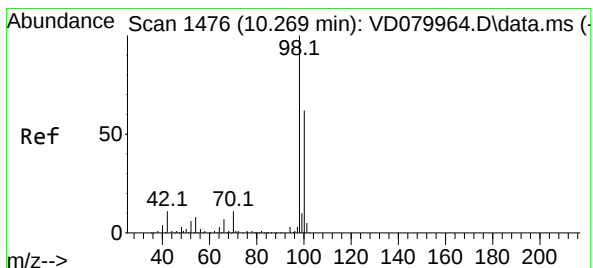
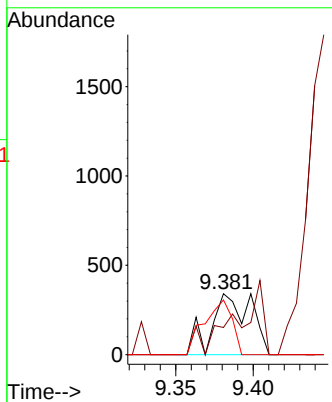
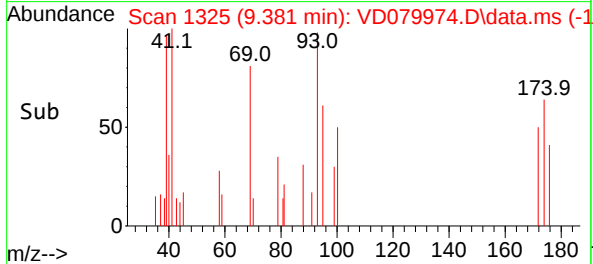
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 88 Resp: 602
Ion Ratio Lower Upper
88 100
43 0.0 29.1 43.7
58 64.0 59.9 89.9

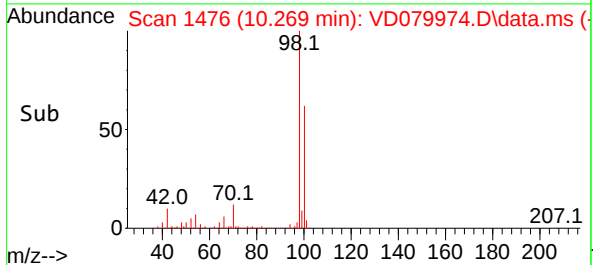
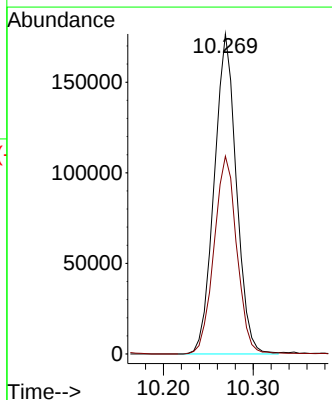
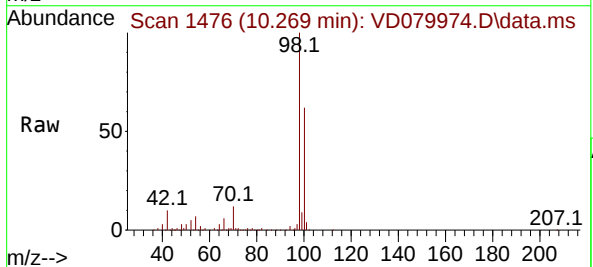
Manual Integrations
APPROVED

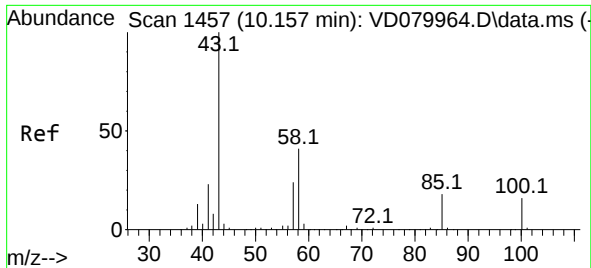
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

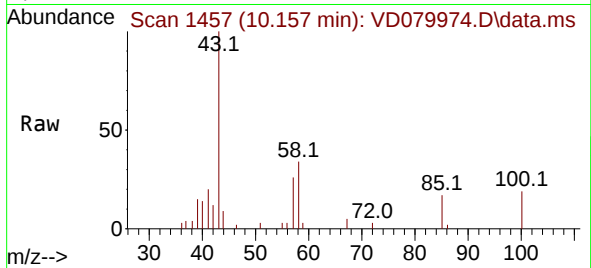
Tgt Ion: 98 Resp: 302563
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 12.051 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

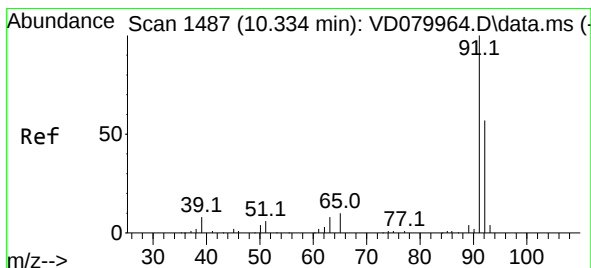
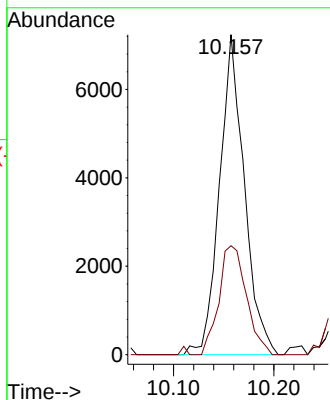
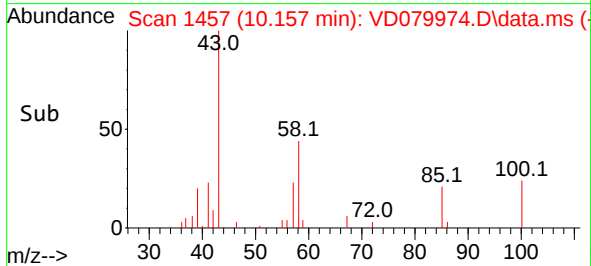
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 37.8 32.8 49.2

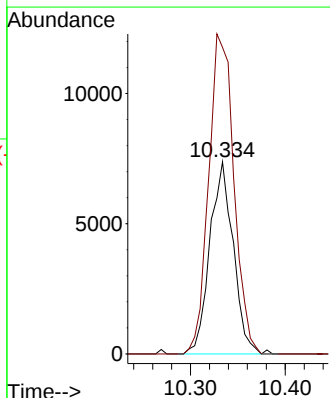
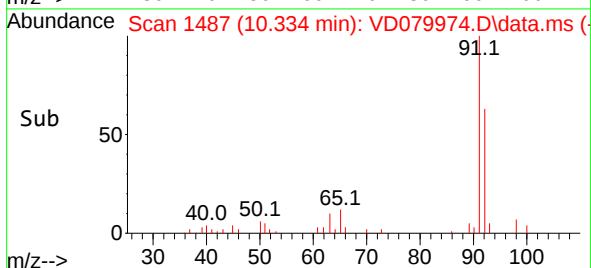
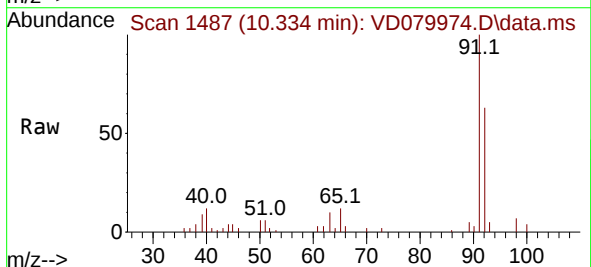
Manual Integrations
APPROVED

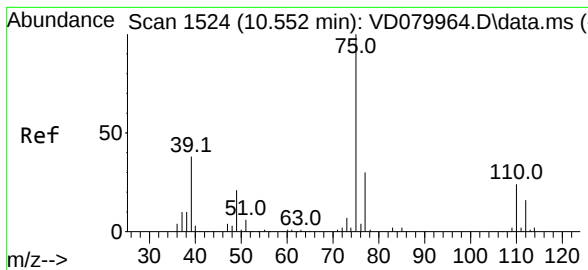
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#52
Toluene
Concen: 2.897 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

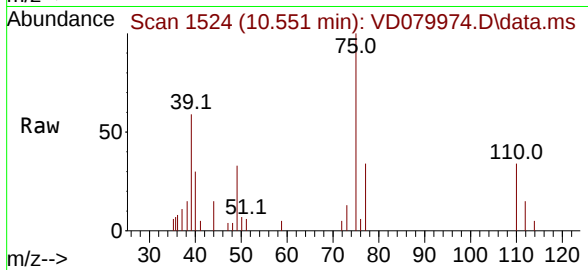
Tgt Ion: 92 Resp: 12694
Ion Ratio Lower Upper
92 100
91 179.3 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 2.577 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

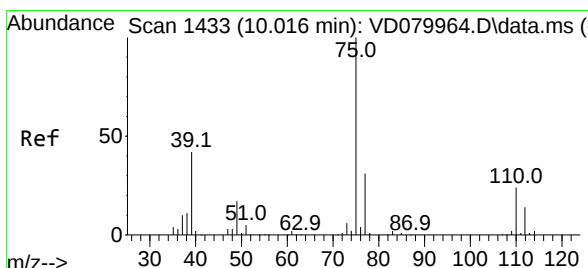
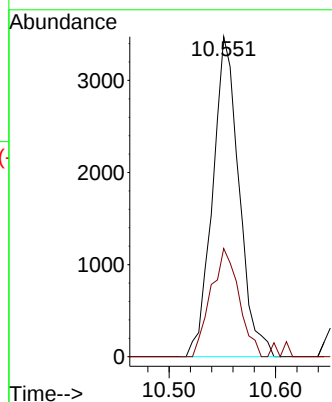
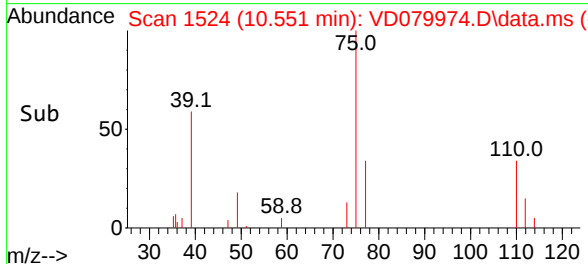
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 75 Resp: 599
Ion Ratio Lower Upper
75 100
77 33.8 24.1 36.1

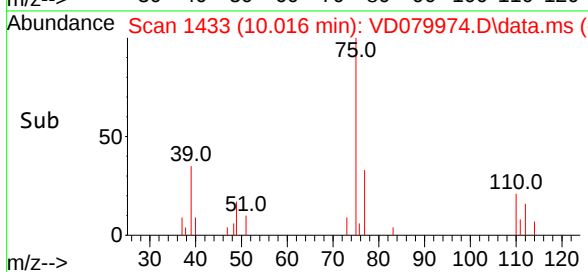
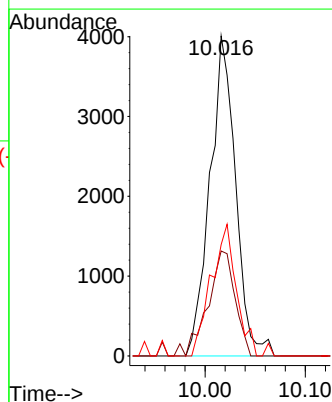
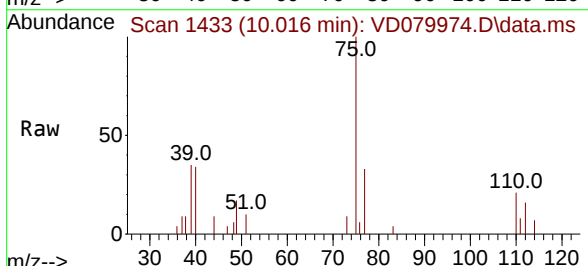
Manual Integrations
APPROVED

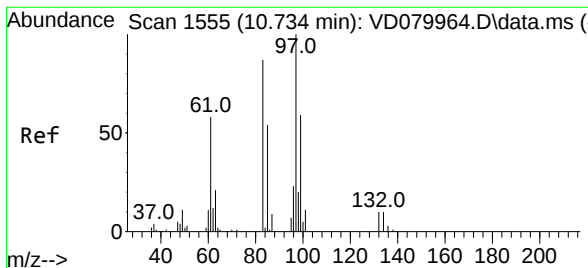
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#54
cis-1,3-Dichloropropene
Concen: 2.601 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

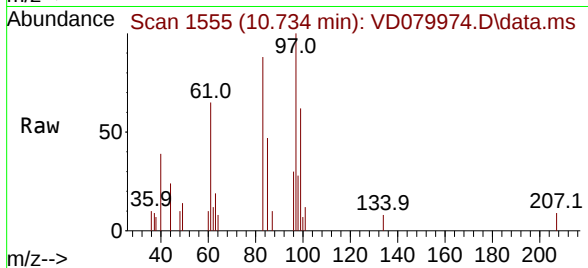
Tgt Ion: 75 Resp: 7137
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4
39 34.8 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 2.779 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

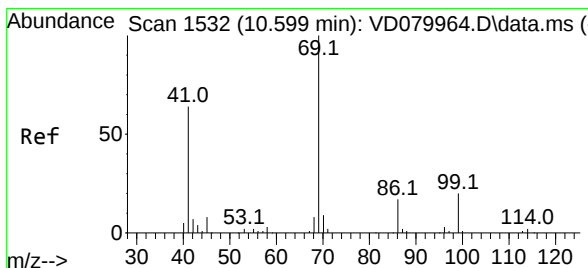
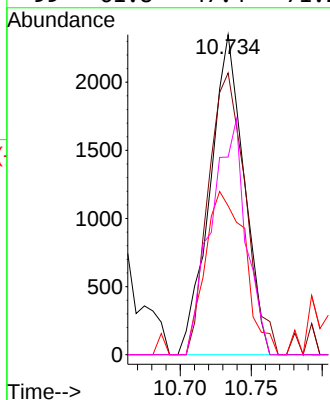
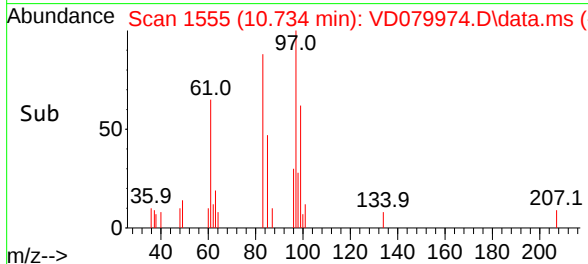
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



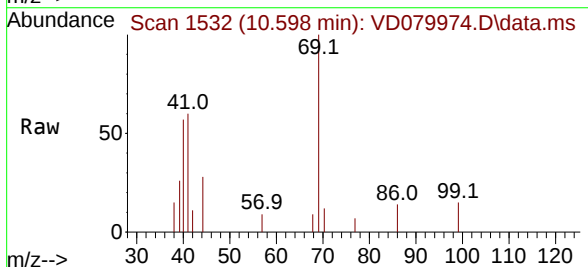
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.2	103.8
85	46.5	43.0	64.6
99	61.8	47.4	71.2

Manual Integrations
APPROVED

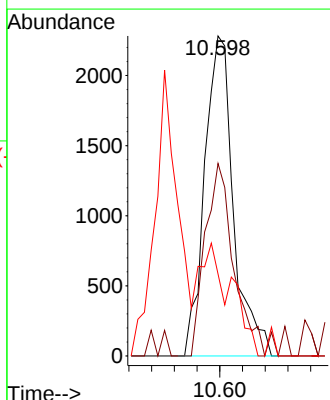
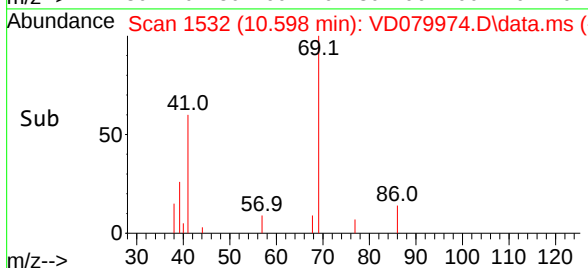
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

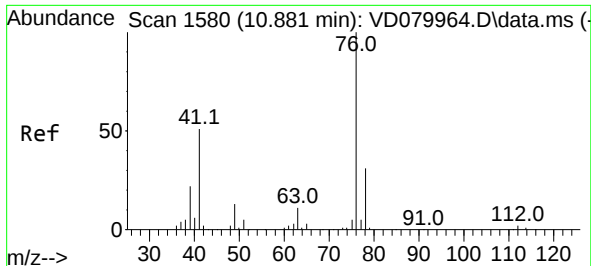


#56
Ethyl methacrylate
Concen: 2.452 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54



Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.4	75.6
39	39.3	26.0	39.0





#57

1,3-Dichloropropane

Concen: 2.568 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 76 Resp: 5829

Ion Ratio Lower Upper

76 100

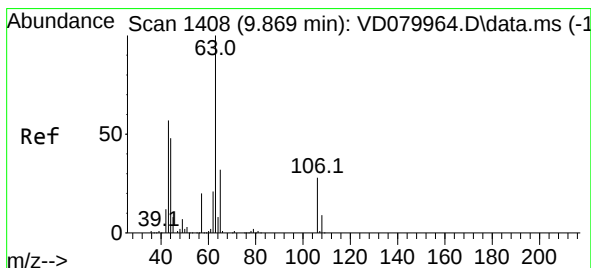
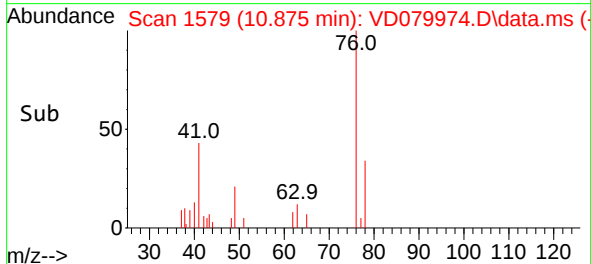
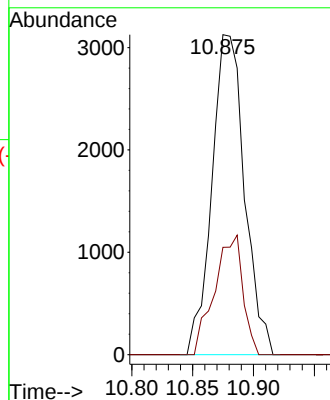
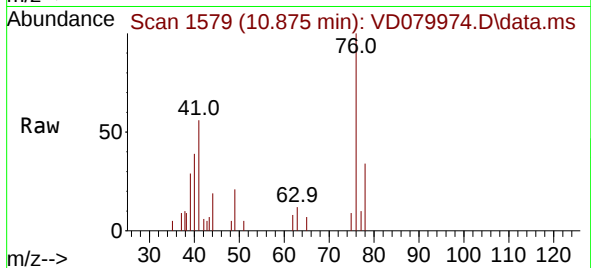
78 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 12.686 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079974.D

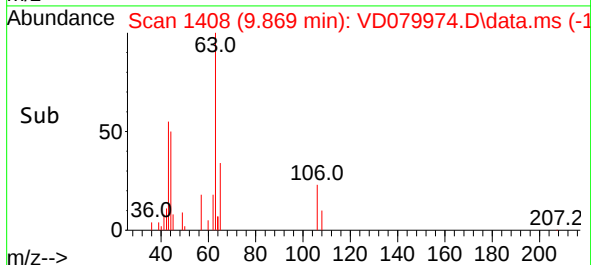
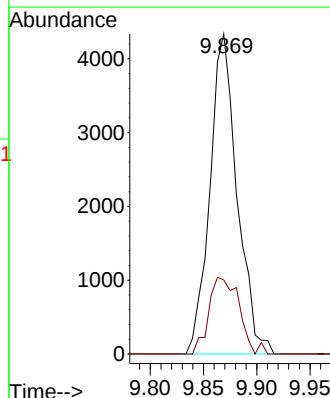
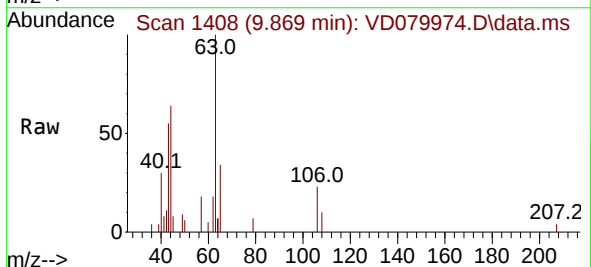
Acq: 14 Oct 2024 12:54

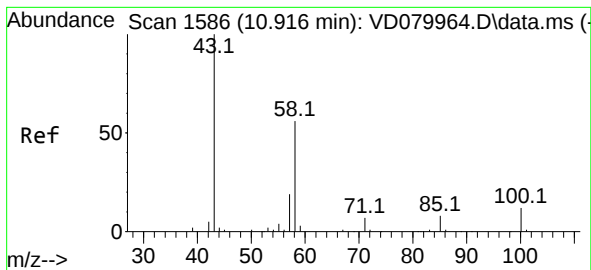
Tgt Ion: 63 Resp: 7713

Ion Ratio Lower Upper

63 100

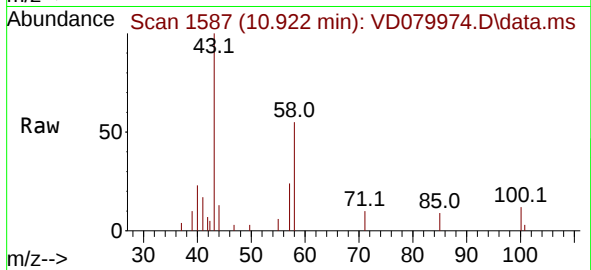
106 26.7 21.8 32.6





#59
2-Hexanone
Concen: 12.431 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

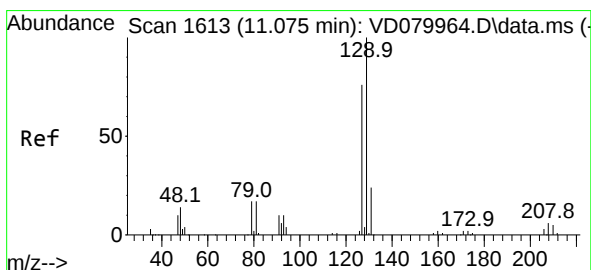
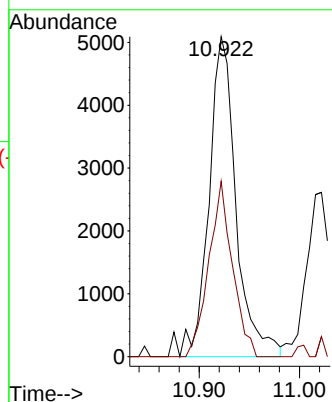
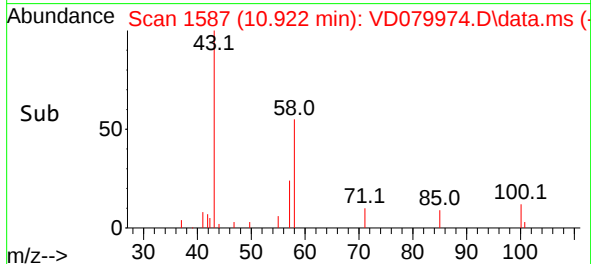
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 48.1 27.8 83.4

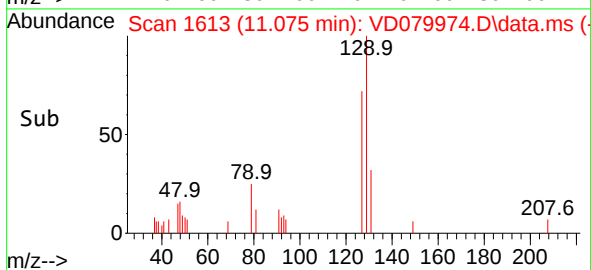
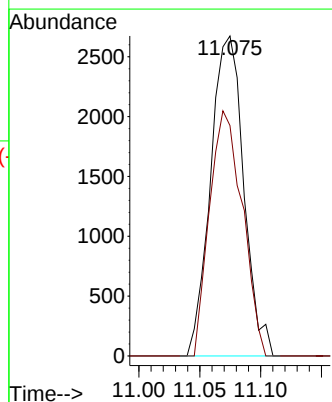
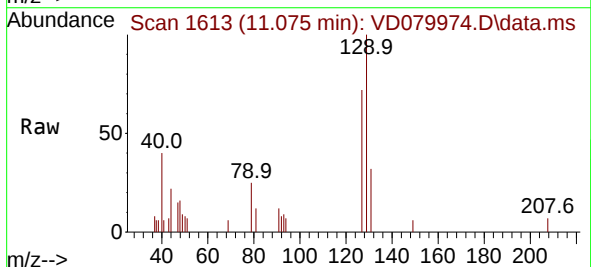
Manual Integrations
APPROVED

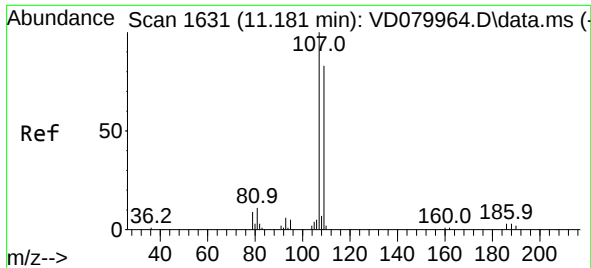
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#60
Dibromochloromethane
Concen: 2.772 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

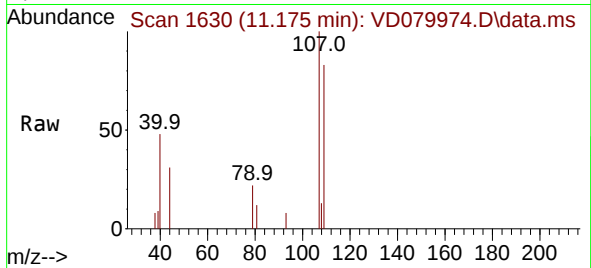
Tgt Ion:129 Resp: 5065
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 2.835 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

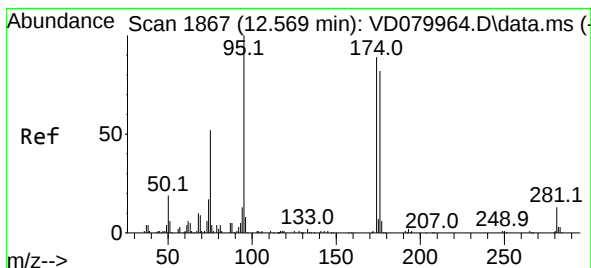
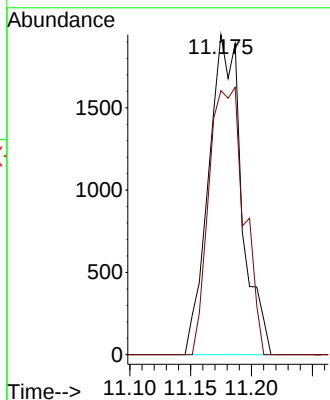
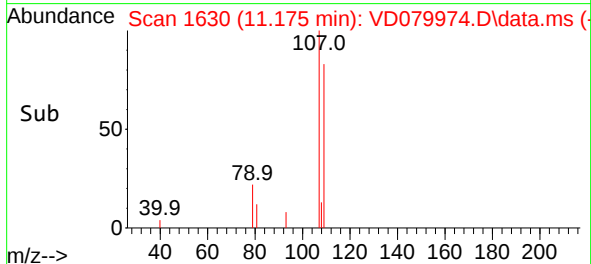
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



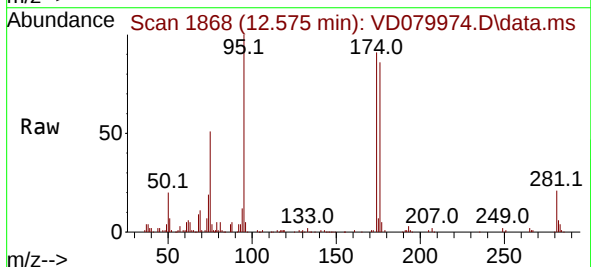
Tgt Ion:107 Resp: 3670
Ion Ratio Lower Upper
107 100
109 88.4 73.9 110.9

Manual Integrations
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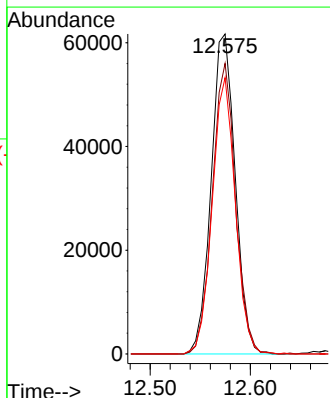
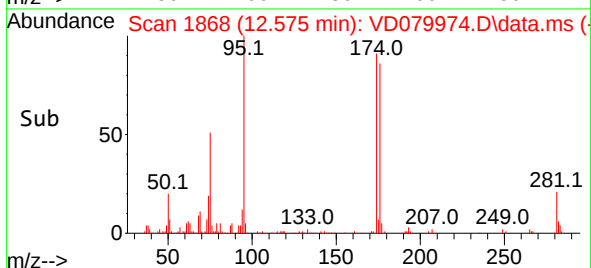
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

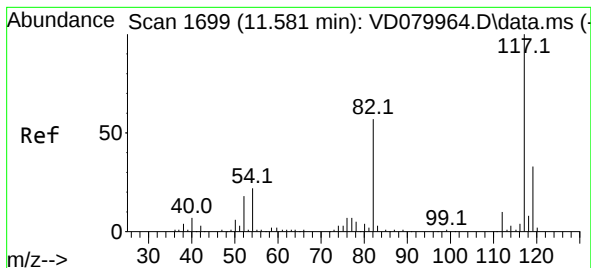


#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54



Tgt Ion: 95 Resp: 102667
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.4
176 83.2 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

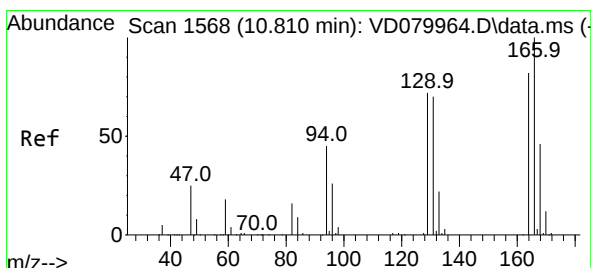
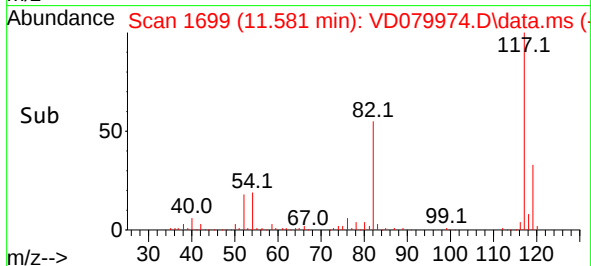
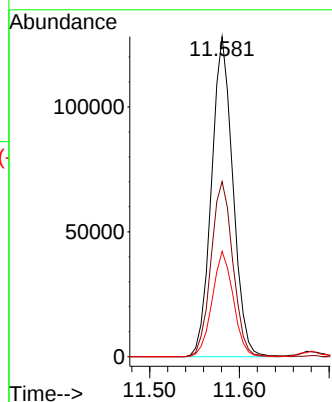
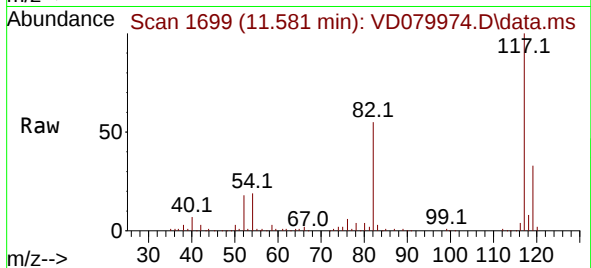
Tgt Ion:117 Resp: 21204

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.8	68.6
119	32.9	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#64

Tetrachloroethene

Concen: 3.025 ug/l

RT: 10.810 min Scan# 1568

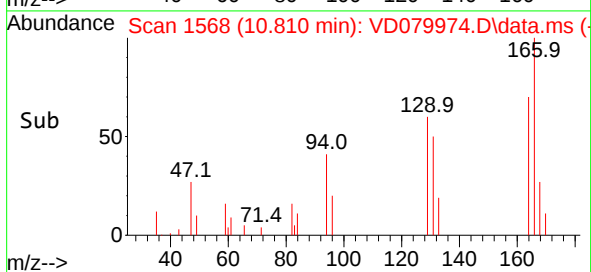
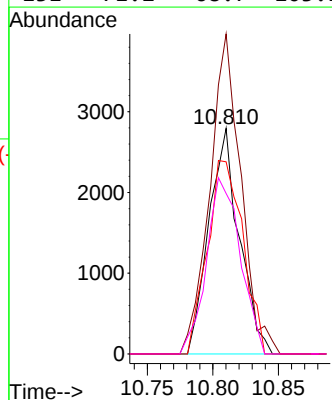
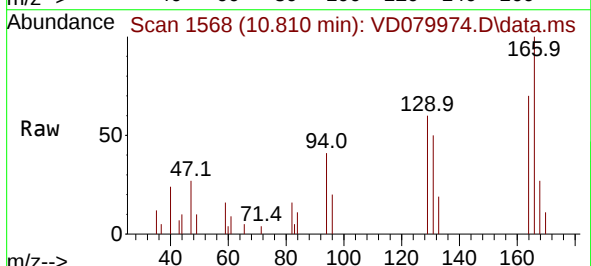
Delta R.T. -0.000 min

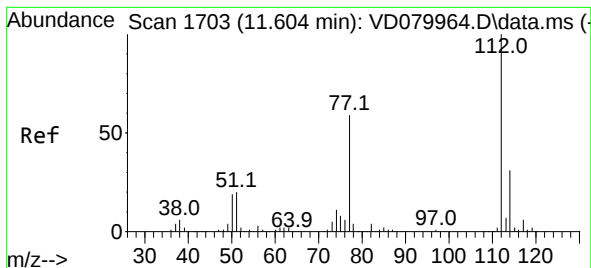
Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion:164 Resp: 4524

Ion	Ratio	Lower	Upper
164	100		
166	141.9	97.5	146.3
129	85.2	70.6	106.0
131	71.2	68.7	103.1





#65

Chlorobenzene

Concen: 2.932 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:112 Resp: 14469

Ion Ratio Lower Upper

112 100

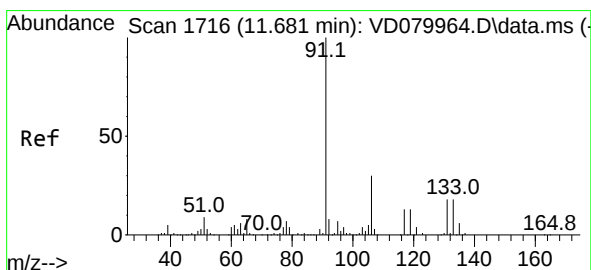
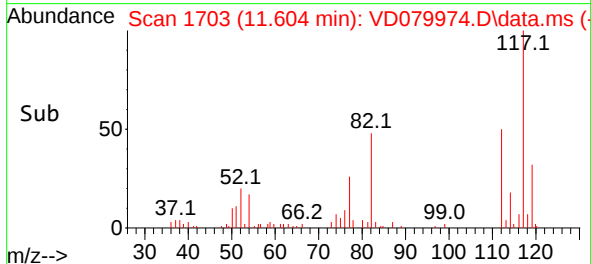
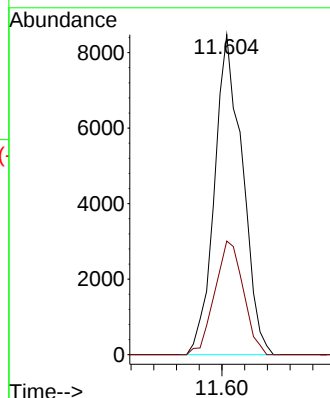
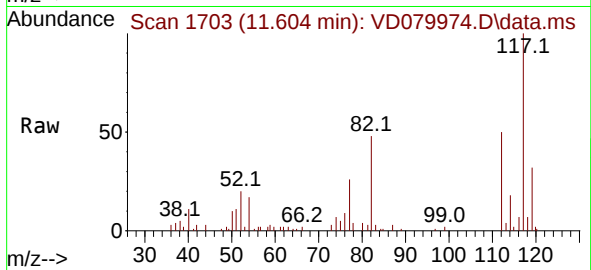
114 35.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 2.681 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

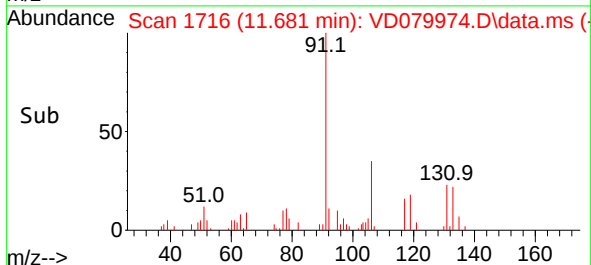
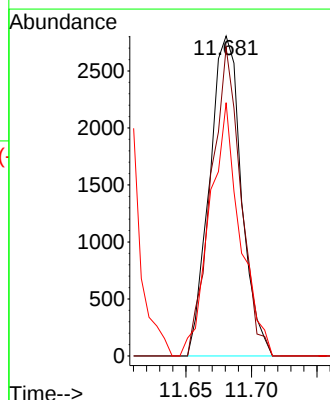
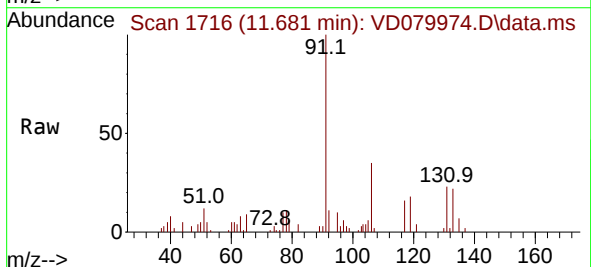
Tgt Ion:131 Resp: 4753

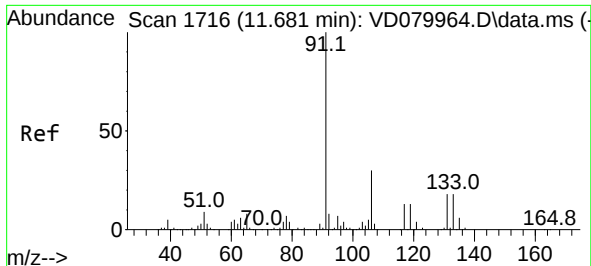
Ion Ratio Lower Upper

131 100

133 89.7 48.8 146.4

119 75.5 34.8 104.3





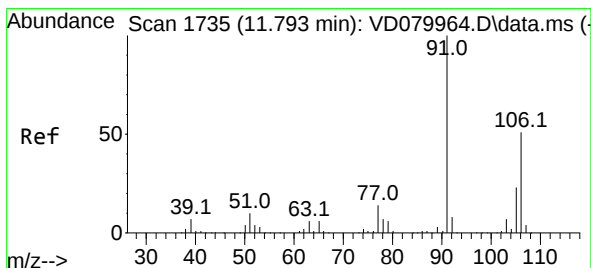
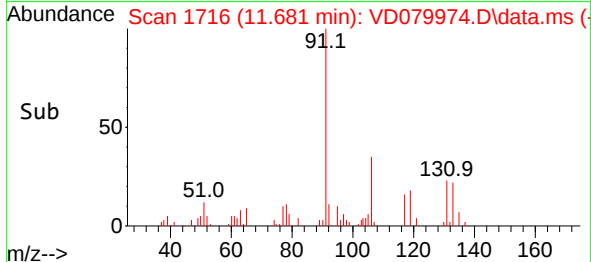
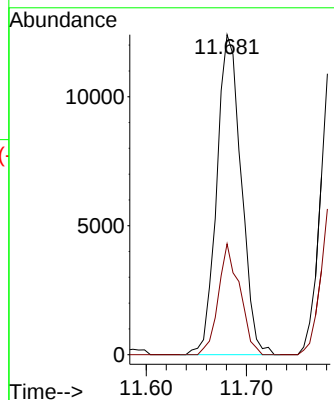
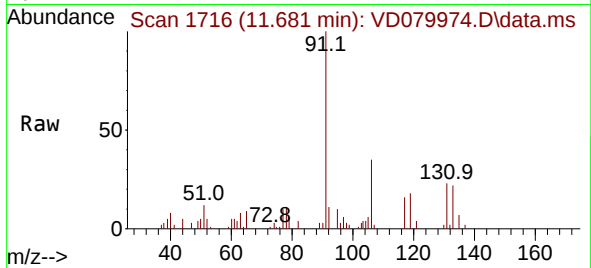
#67
Ethyl Benzene
Concen: 2.518 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 91 Resp: 2101
Ion Ratio Lower Upper
91 100
106 34.7 23.6 35.4

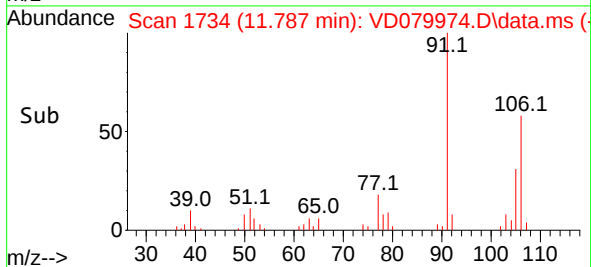
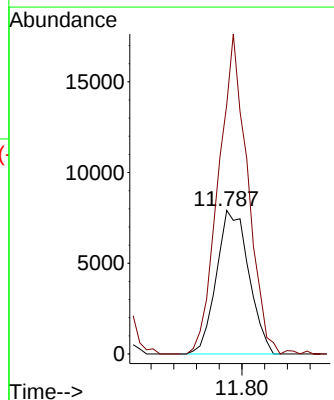
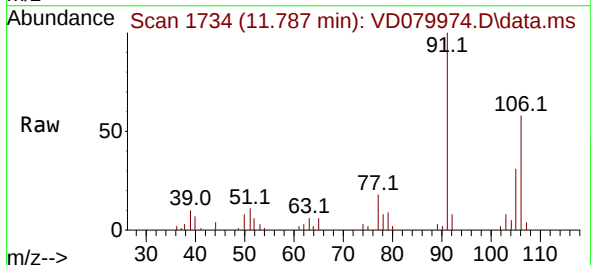
Manual Integrations
APPROVED

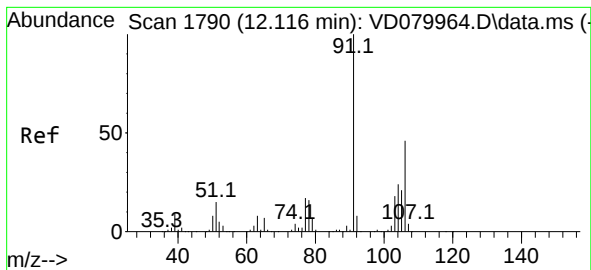
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#68
m/p-Xylenes
Concen: 4.879 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:106 Resp: 15629
Ion Ratio Lower Upper
106 100
91 201.6 162.6 244.0





#69

o-Xylene

Concen: 2.675 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:106 Resp: 792

Ion Ratio Lower Upper

106 100

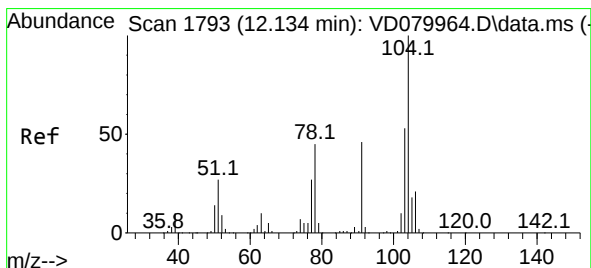
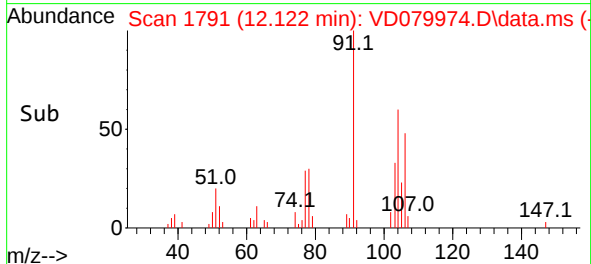
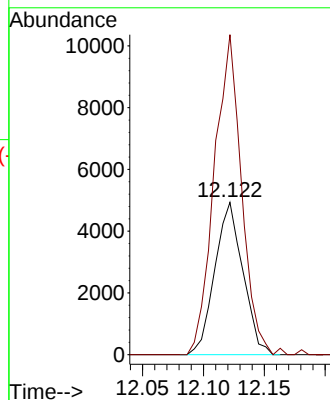
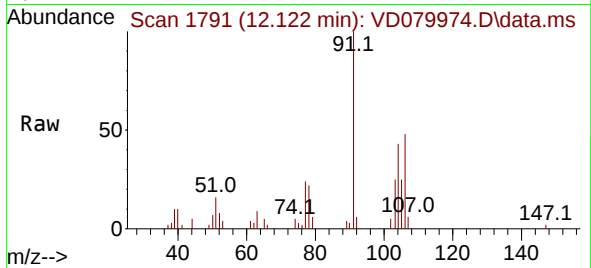
91 204.2 110.5 331.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#70

Styrene

Concen: 2.481 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

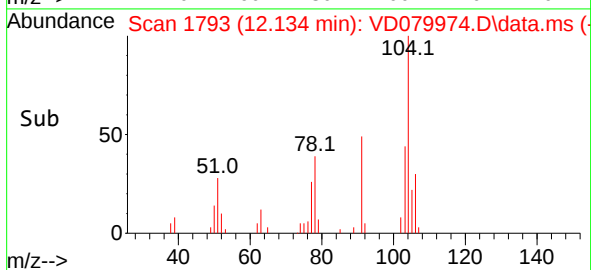
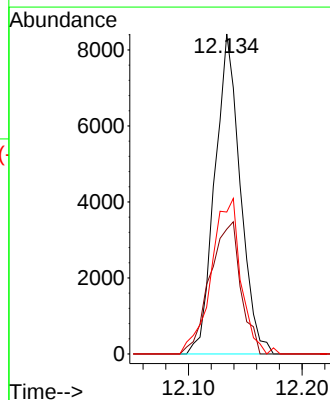
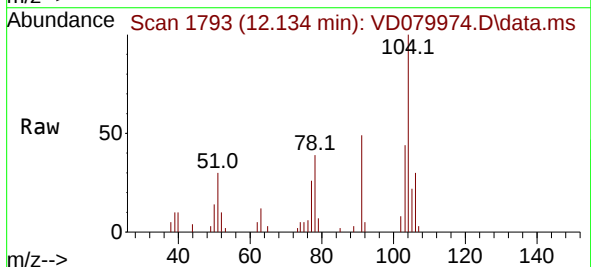
Tgt Ion:104 Resp: 13086

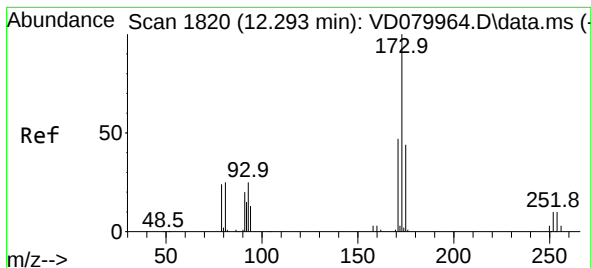
Ion Ratio Lower Upper

104 100

78 50.1 39.8 59.8

103 56.4 45.2 67.8





#71

Bromoform

Concen: 2.826 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

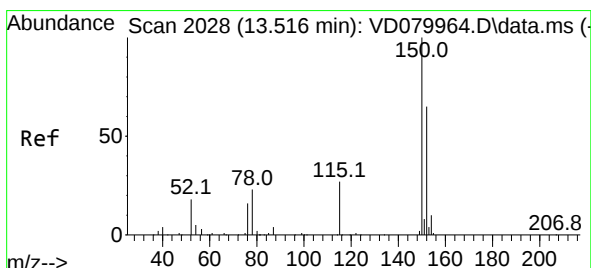
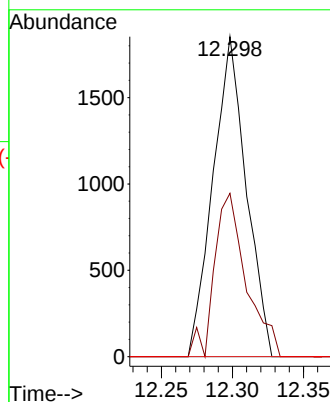
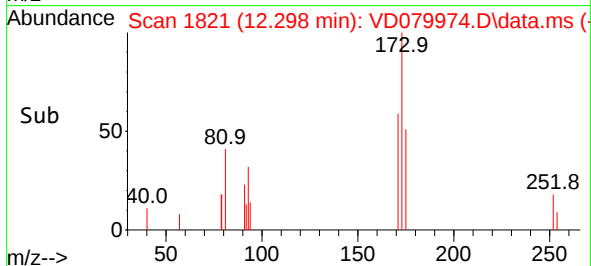
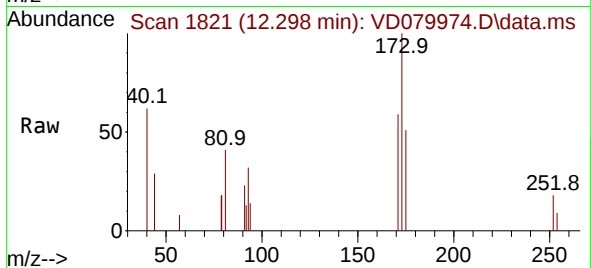
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:173	Resp:	301
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.8 74.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

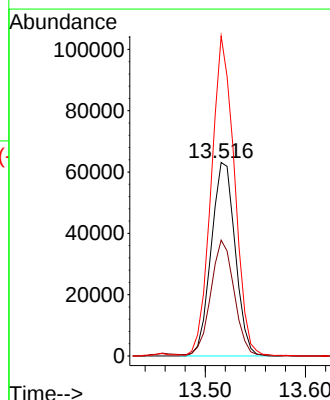
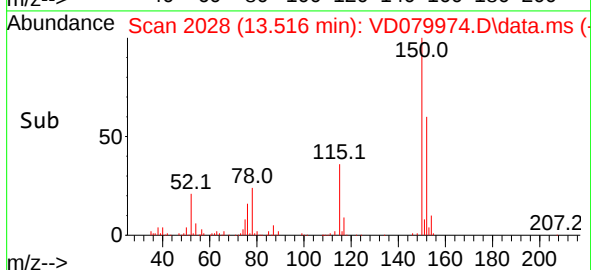
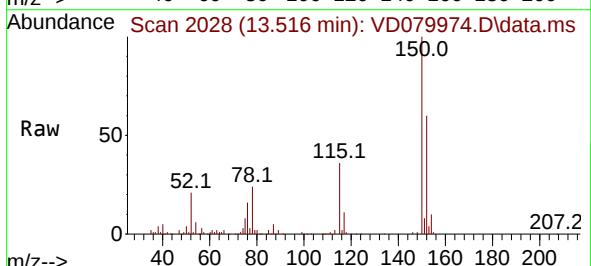
RT: 13.516 min Scan# 2028

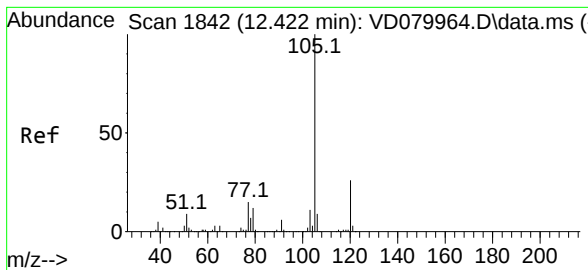
Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

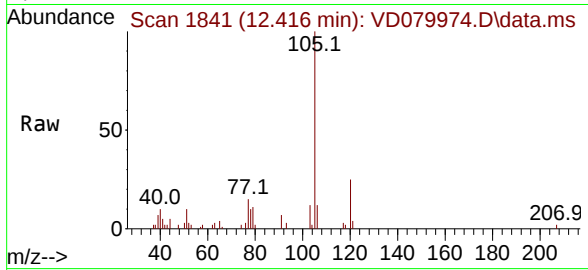
Tgt Ion:152	Resp:	104789
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.9 86.8
150	160.1	0.0 354.8





#73
Isopropylbenzene
Concen: 2.456 ug/l
RT: 12.416 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

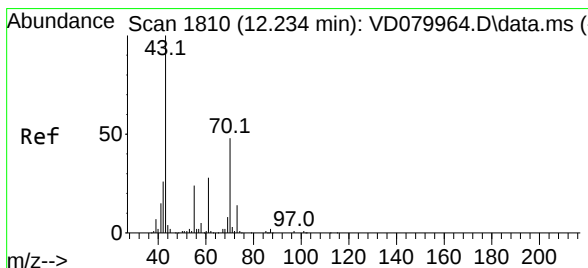
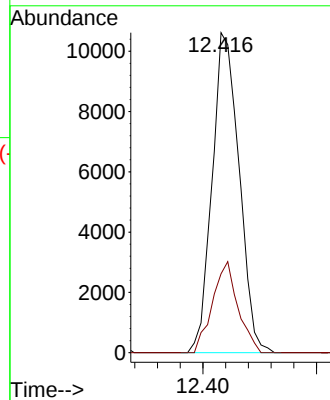
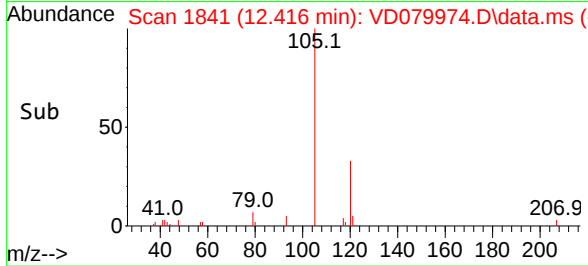
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 105 Resp: 17500
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

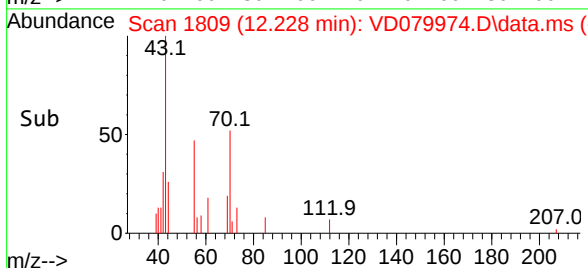
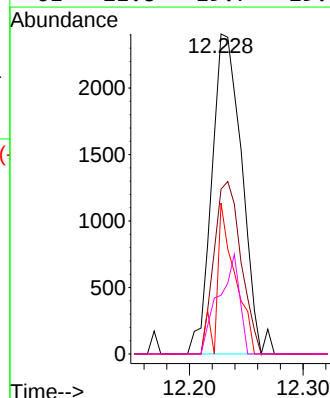
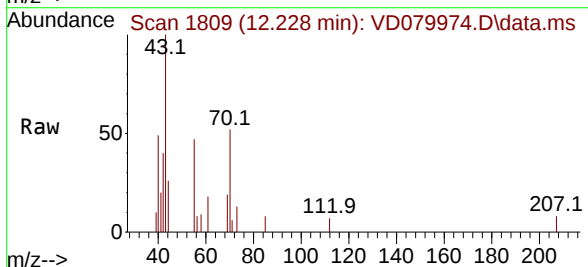
Manual Integrations
APPROVED

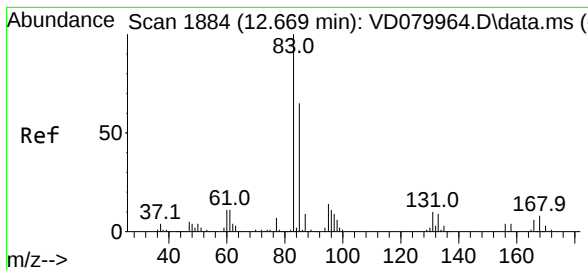
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#74
N-ethyl acetate
Concen: 2.560 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

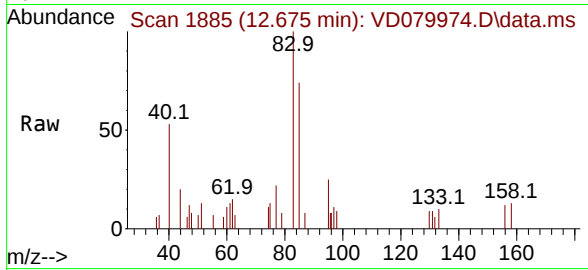
Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
70 48.4 36.3 54.5
55 28.7 20.3 30.5
61 21.8 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 3.173 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

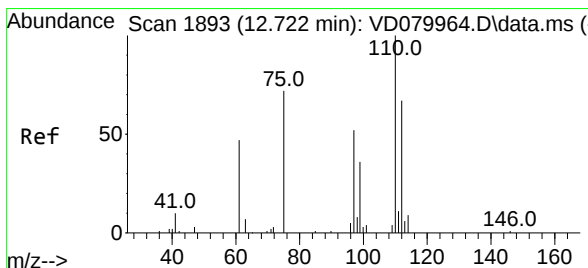
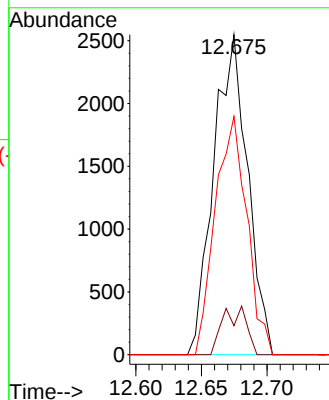
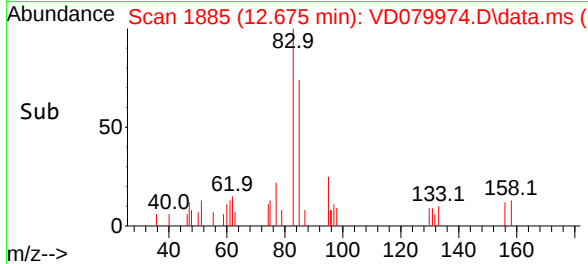
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 83 Resp: 4580
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 69.4 32.9 98.6

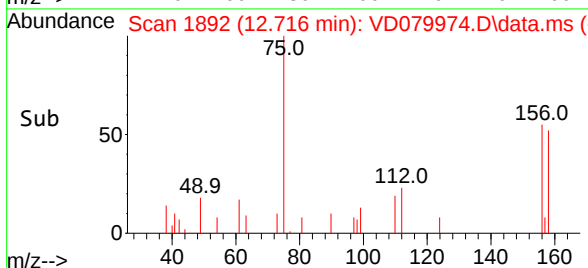
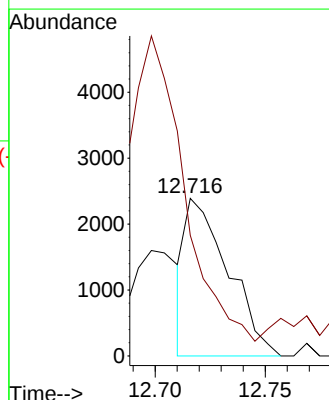
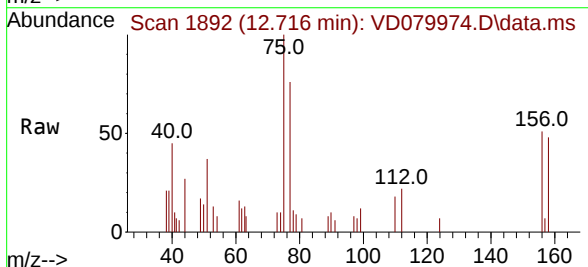
Manual Integrations
APPROVED

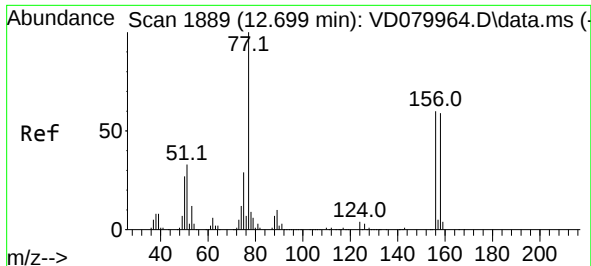
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#76
1,2,3-Trichloropropane
Concen: 2.803 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 75 Resp: 3241
Ion Ratio Lower Upper
75 100
77 289.4 0.0 0.0#





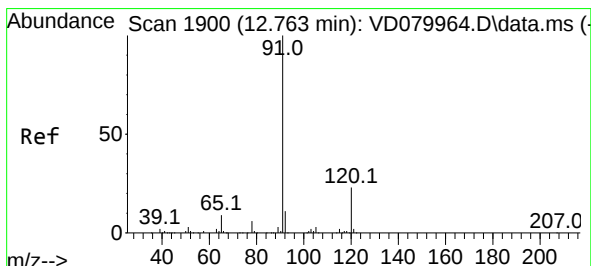
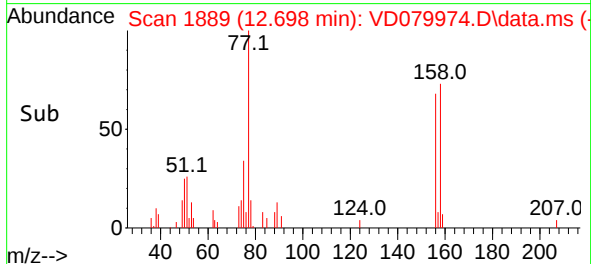
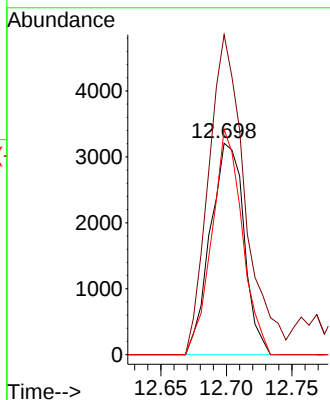
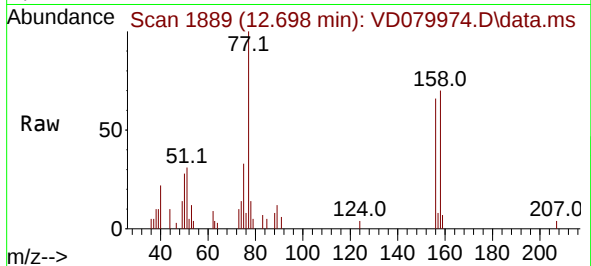
#77
Bromobenzene
Concen: 3.096 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:156 Resp: 5710
Ion Ratio Lower Upper
156 100
77 164.3 89.8 269.6
158 96.4 47.9 143.8

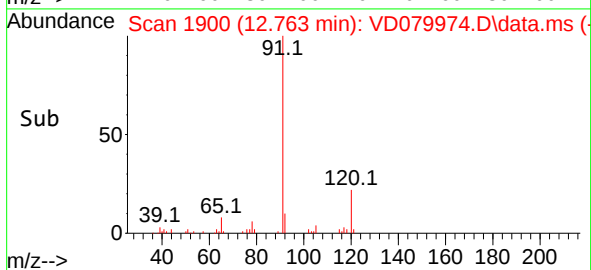
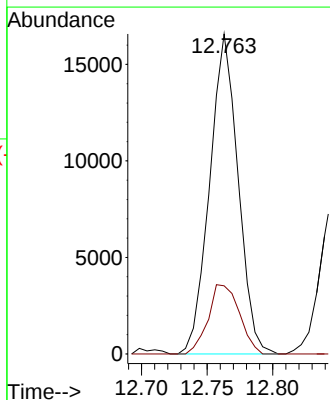
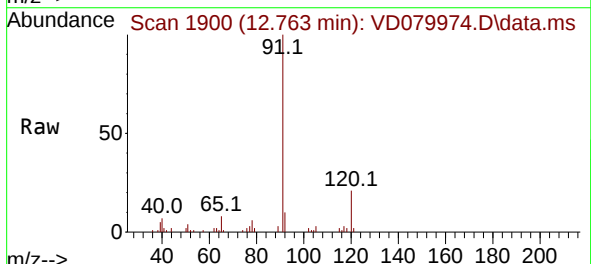
Manual Integrations
APPROVED

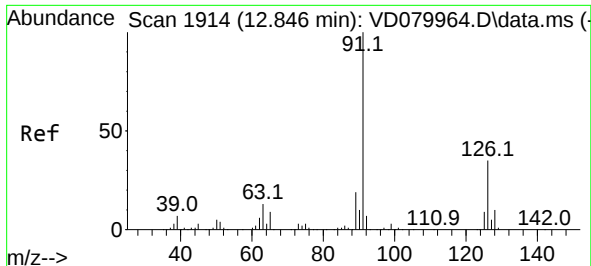
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#78
n-propylbenzene
Concen: 2.821 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 91 Resp: 25002
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5





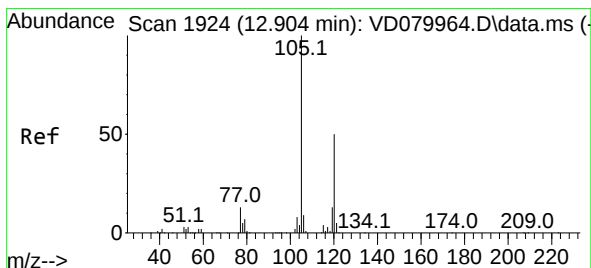
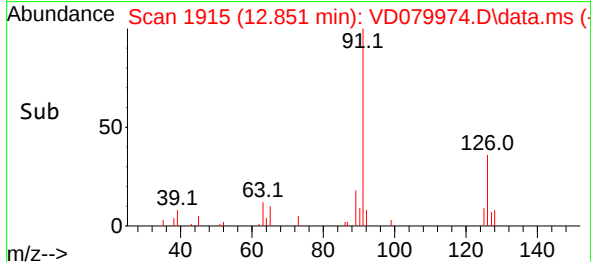
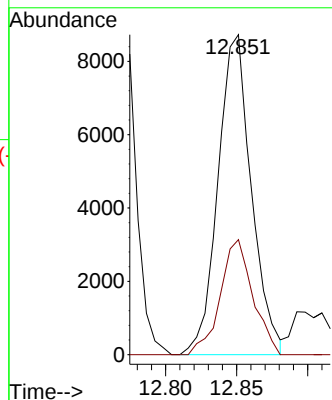
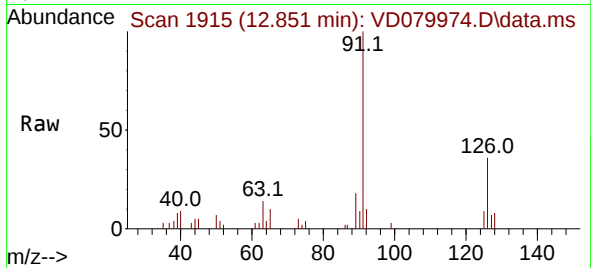
#79
2-Chlorotoluene
Concen: 2.773 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 91 Resp: 14278
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.5

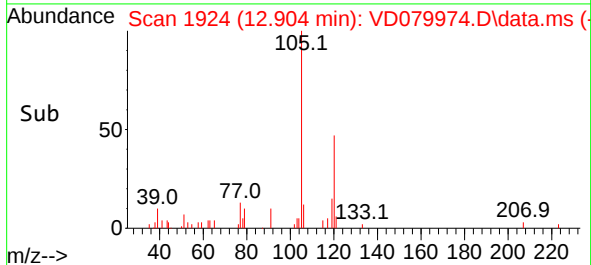
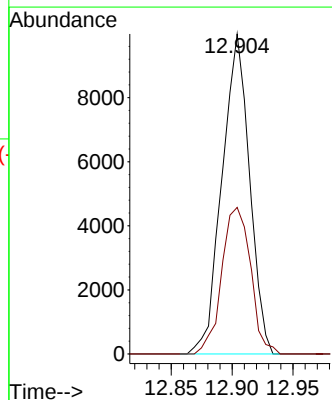
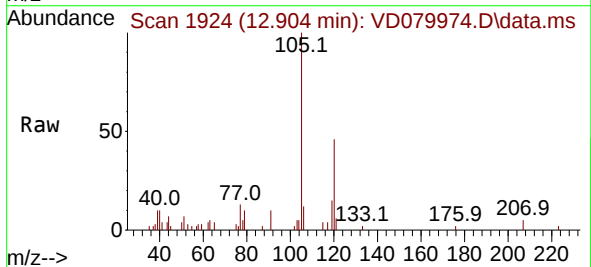
Manual Integrations
APPROVED

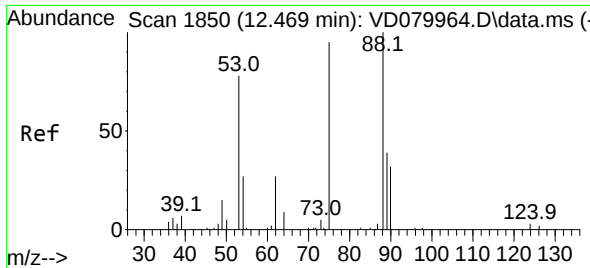
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.609 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

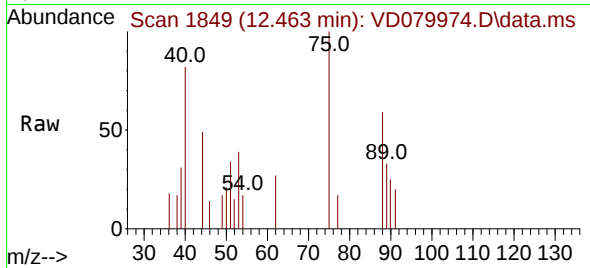
Tgt Ion:105 Resp: 15676
Ion Ratio Lower Upper
105 100
120 48.1 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.054 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

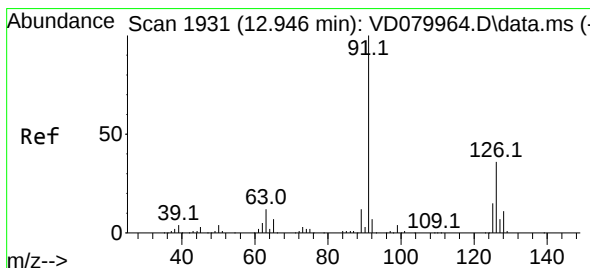
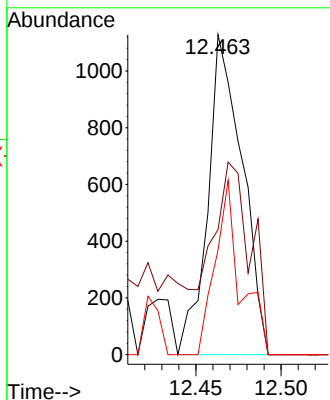
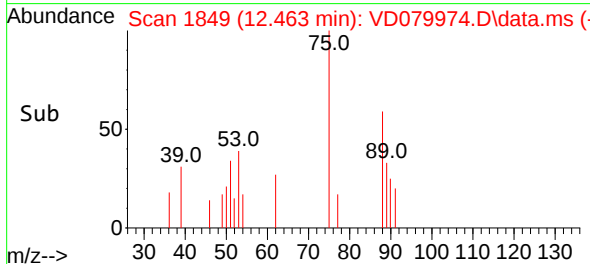
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 75 Resp: 1582
Ion Ratio Lower Upper
75 100
53 64.9 68.7 103.1
89 40.2 36.1 54.1

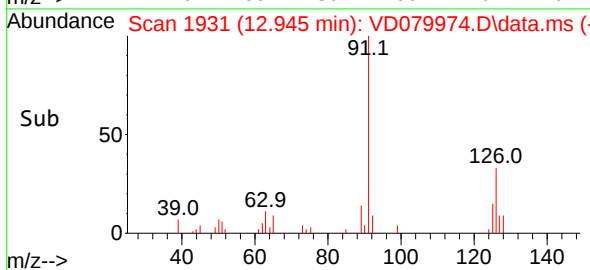
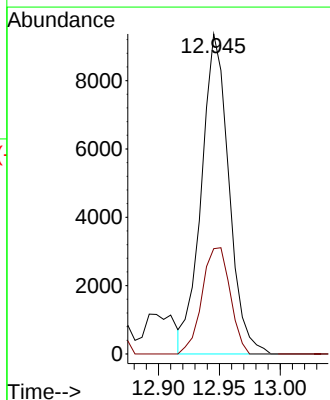
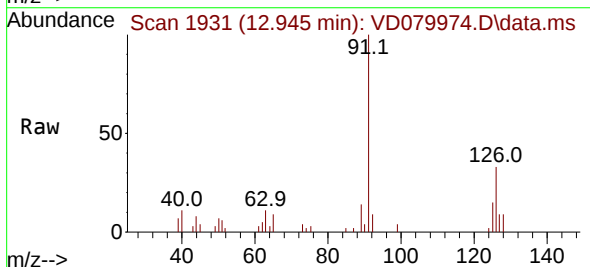
Manual Integrations
APPROVED

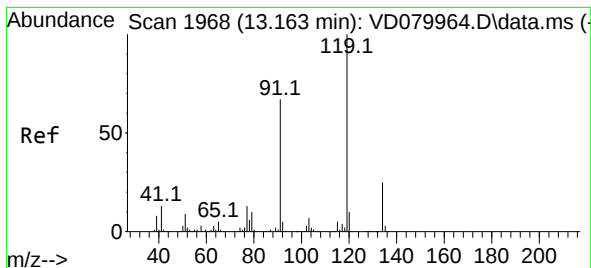
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#82
4-Chlorotoluene
Concen: 2.664 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

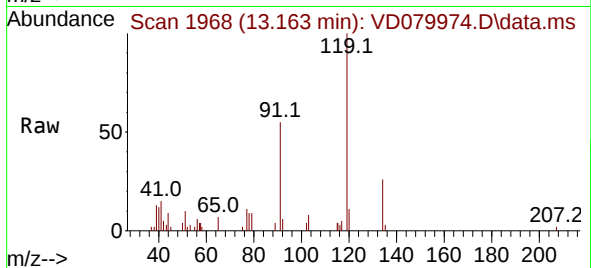
Tgt Ion: 91 Resp: 14734
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3





#83
tert-Butylbenzene
Concen: 2.543 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

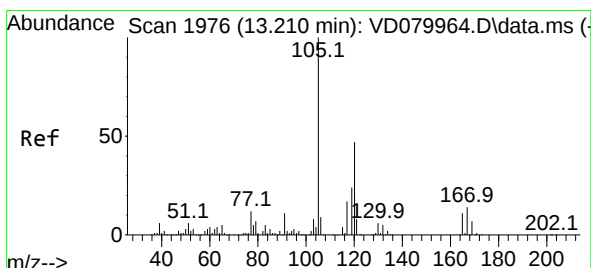
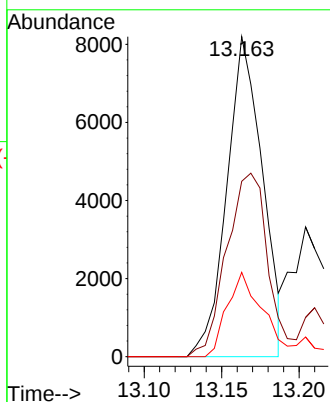
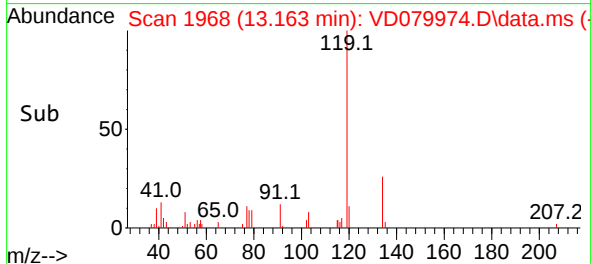
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:119 Resp: 1309
Ion Ratio Lower Upper
119 100
91 66.8 33.3 99.9
134 26.0 13.5 40.5

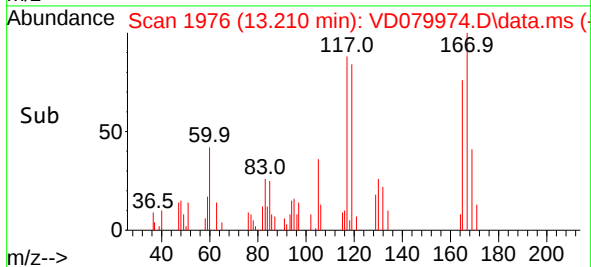
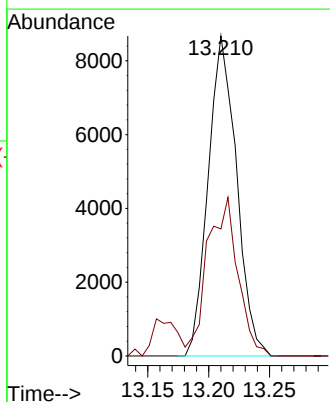
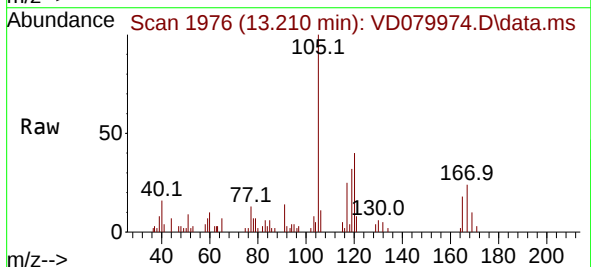
Manual Integrations
APPROVED

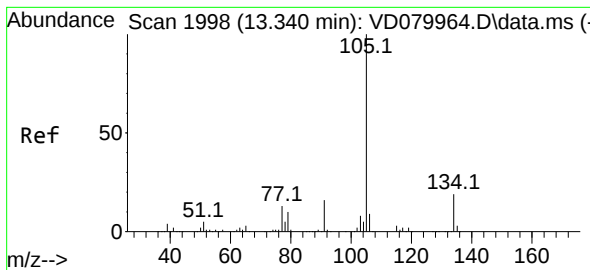
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.331 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:105 Resp: 14065
Ion Ratio Lower Upper
105 100
120 52.9 22.8 68.4





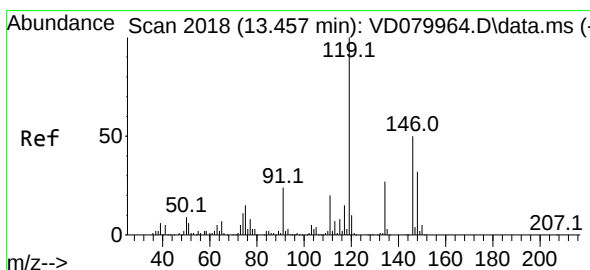
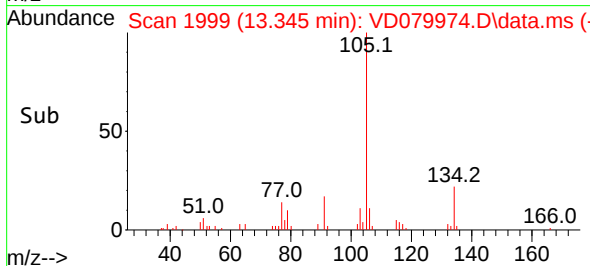
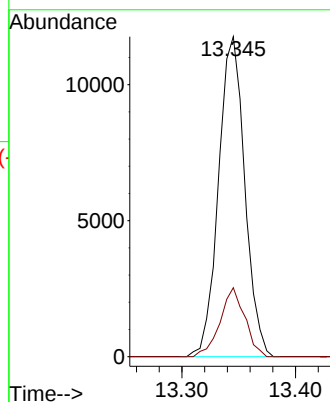
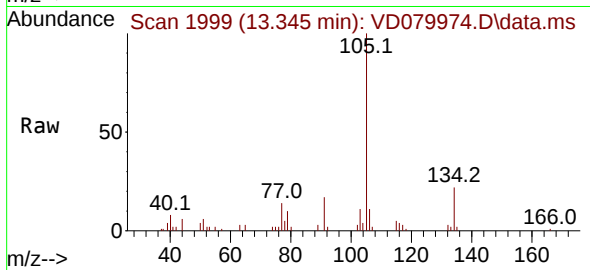
#85
 sec-Butylbenzene
 Concen: 2.387 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:105 Resp: 1889
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

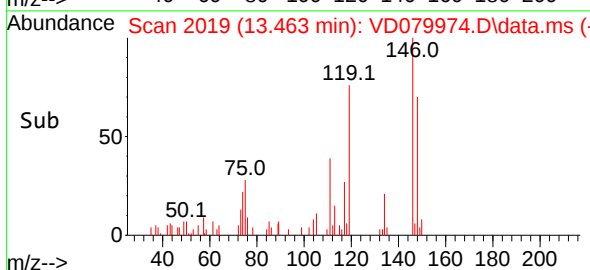
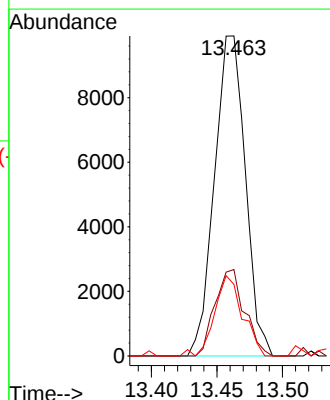
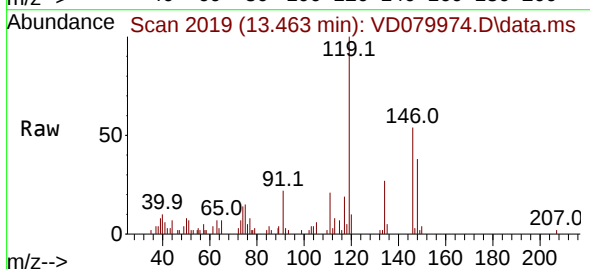
Manual Integrations
 APPROVED

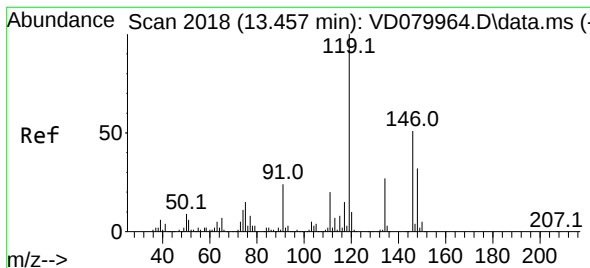
Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024



#86
 p-Isopropyltoluene
 Concen: 2.457 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Tgt Ion:119 Resp: 16224
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 2.718 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079974.D

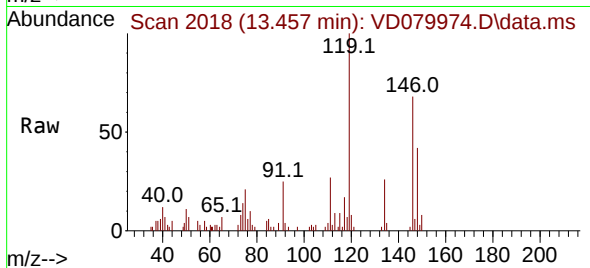
Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

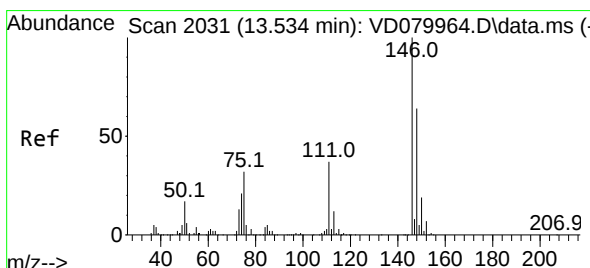
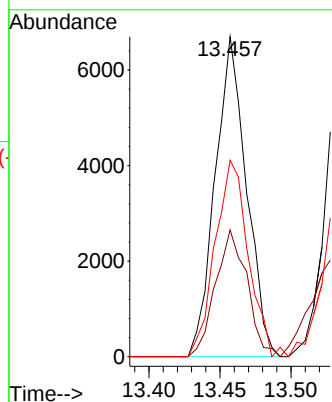
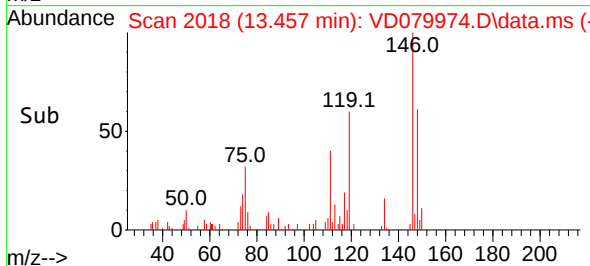


Tgt Ion:	146	Resp:	10254
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	65.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#88

1,4-Dichlorobenzene

Concen: 3.137 ug/l

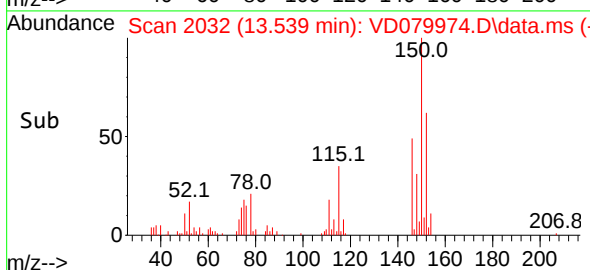
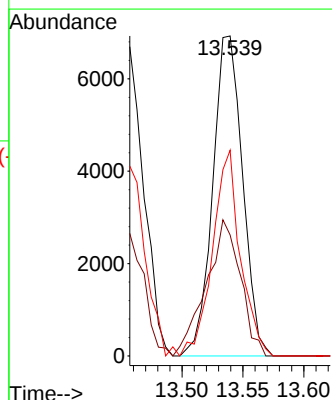
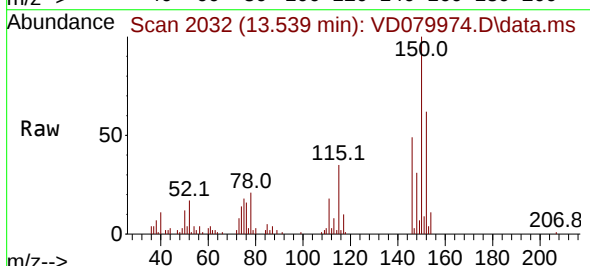
RT: 13.539 min Scan# 2032

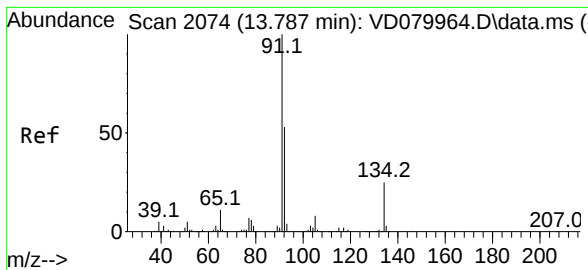
Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

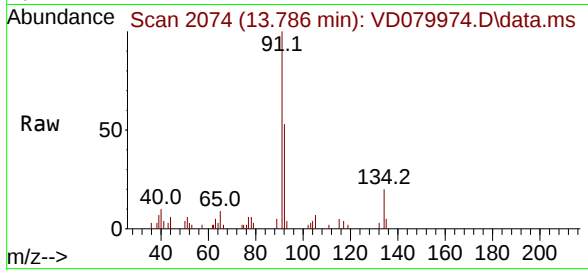
Tgt Ion:	146	Resp:	11826
Ion	Ratio	Lower	Upper
146	100		
111	48.7	19.3	57.8
148	59.9	32.9	98.7





#89
n-Butylbenzene
Concen: 2.428 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

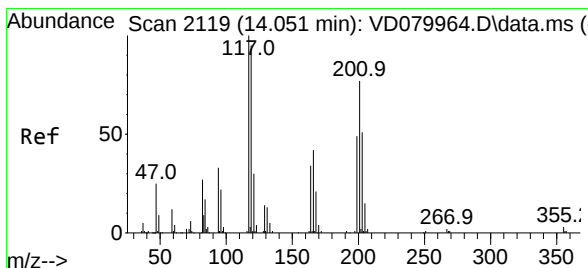
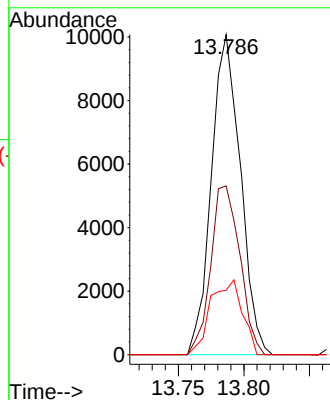
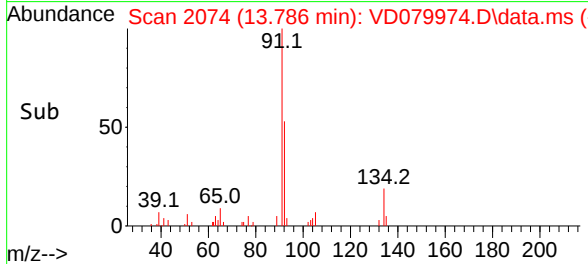
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 91 Resp: 15508
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.5 12.3 36.8

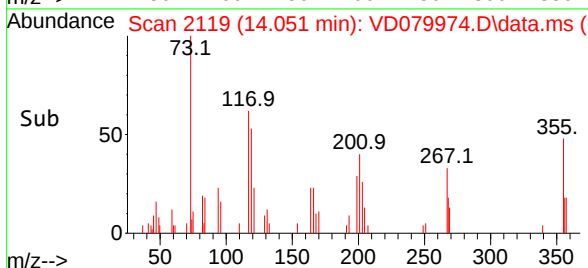
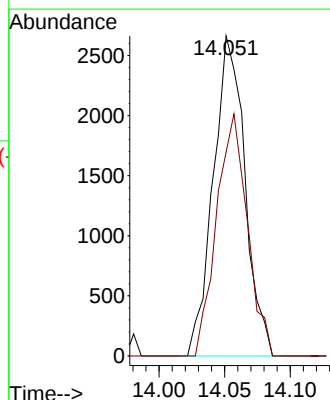
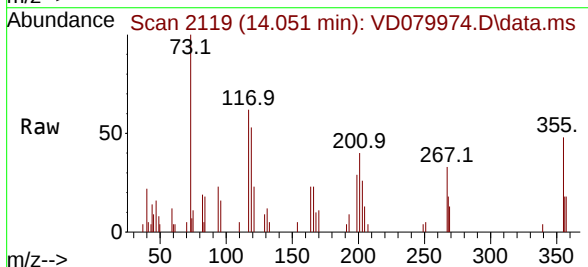
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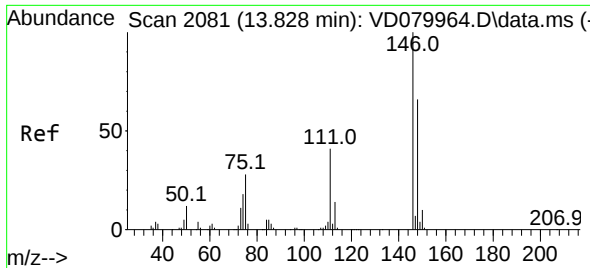
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#90
Hexachloroethane
Concen: 3.057 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

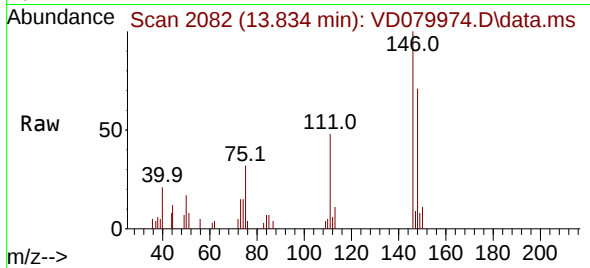
Tgt Ion:117 Resp: 4461
Ion Ratio Lower Upper
117 100
201 73.5 37.5 112.5





#91
1,2-Dichlorobenzene
Concen: 2.733 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

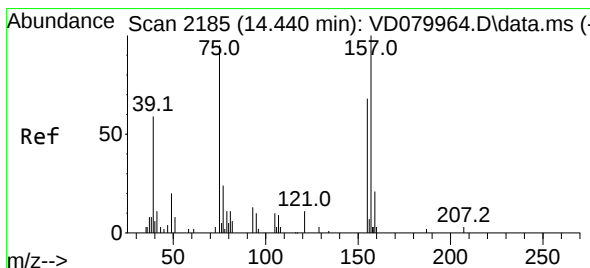
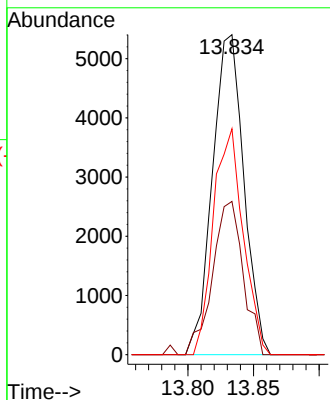
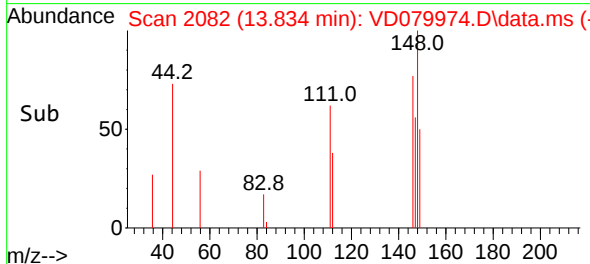
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:146 Resp: 9010
Ion Ratio Lower Upper
146 100
111 46.7 20.6 61.8
148 66.9 32.7 98.1

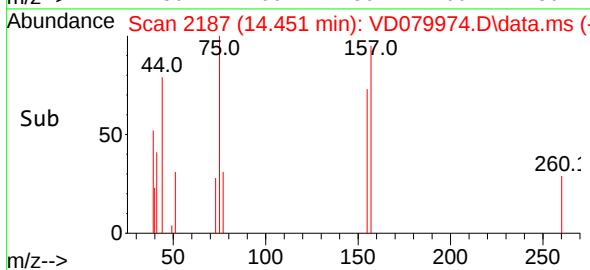
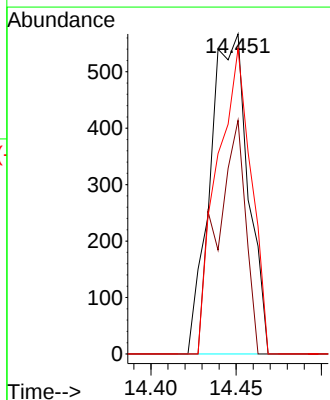
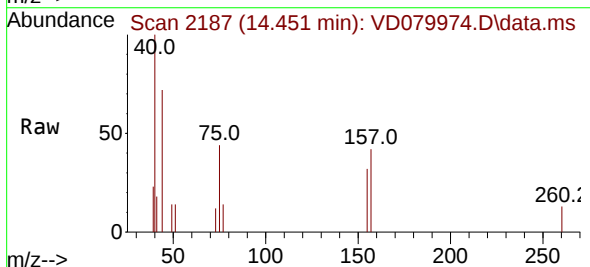
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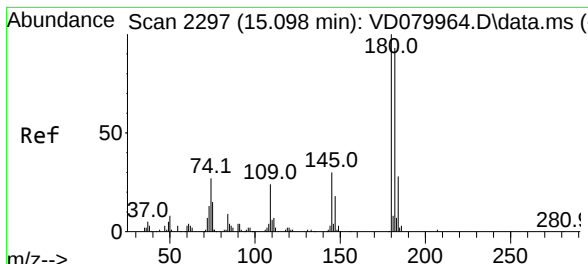
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.634 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 75 Resp: 877
Ion Ratio Lower Upper
75 100
155 55.1 40.6 122.0
157 85.7 53.3 159.9





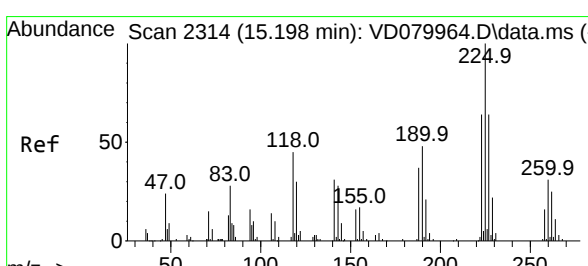
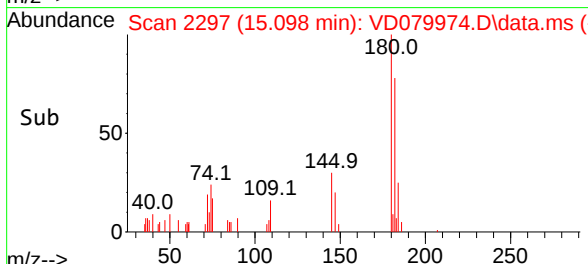
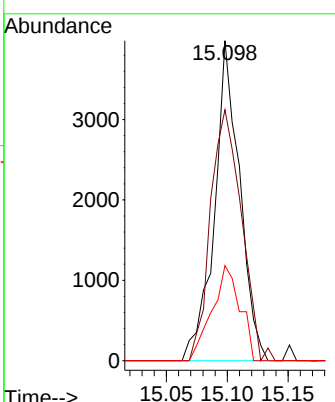
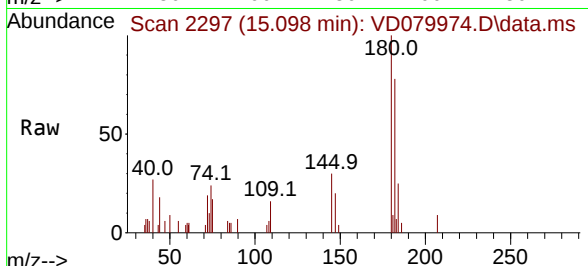
#93
 1,2,4-Trichlorobenzene
 Concen: 2.780 ug/l
 RT: 15.098 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:	180	Resp:	574
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.4	142.2
145	33.0	14.7	44.1

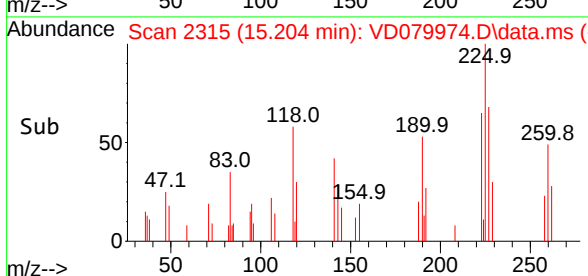
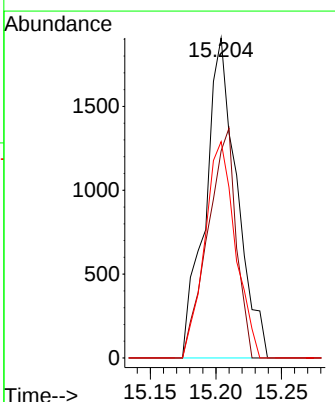
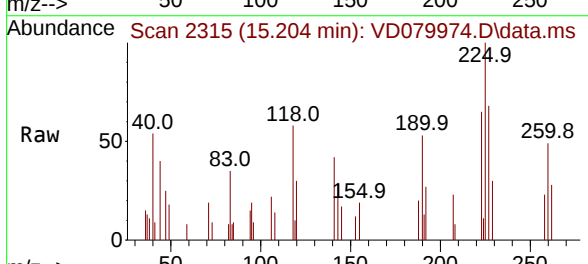
Manual Integrations
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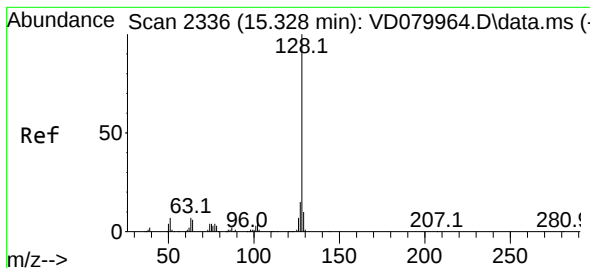
Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024



#94
 Hexachlorobutadiene
 Concen: 2.809 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

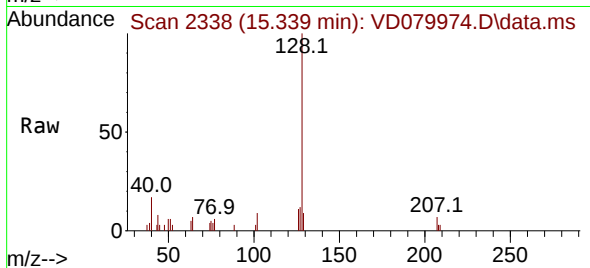
Tgt Ion:	225	Resp:	3195
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.5	94.5
227	65.8	30.9	92.5





#95
Naphthalene
Concen: 2.862 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

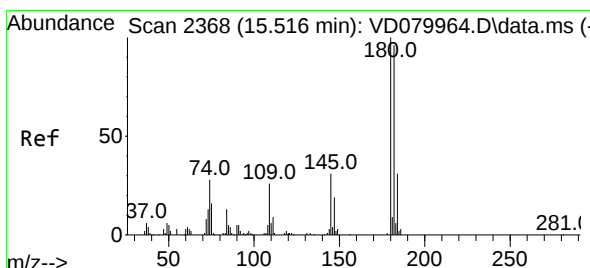
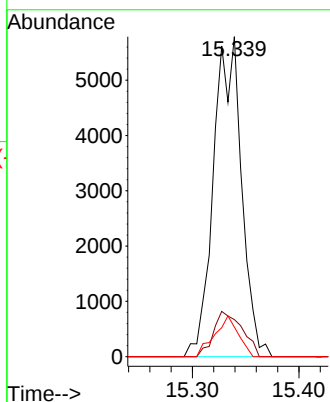
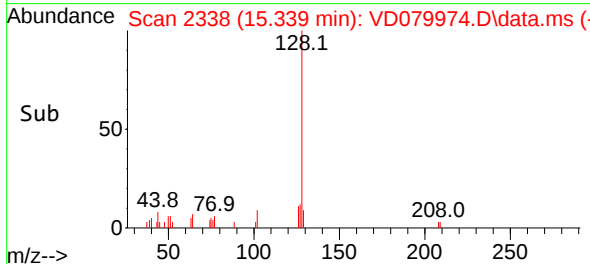
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



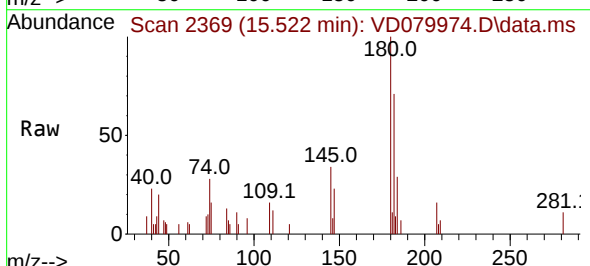
Tgt Ion:128 Resp: 10542
Ion Ratio Lower Upper
128 100
127 11.6 11.8 17.8
129 9.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.677 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54



Tgt Ion:180 Resp: 4901
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.6
145 34.7 15.7 47.0

