

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079975.D
 Acq On : 14 Oct 2024 13:21
 Operator : RP/MD
 Sample : P4368-01 4 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 15 05:27:58 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	7.881	168	136602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	87593	56.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.740%			
35) Dibromofluoromethane	7.805	113	90598	54.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.720%			
50) Toluene-d8	10.269	98	311487	52.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.575	95	106602	51.887	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6098	4.542	ug/l	99
3) Chloromethane	2.146	50	6643	4.817	ug/l	95
4) Vinyl Chloride	2.287	62	8752	5.105	ug/l #	82
5) Bromomethane	2.693	94	8641	5.858	ug/l	95
6) Chloroethane	2.840	64	6098	5.210	ug/l	94
7) Trichlorofluoromethane	3.175	101	12854	4.785	ug/l	97
8) Diethyl Ether	3.593	74	3411	4.623	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	8200	4.970	ug/l #	72
10) Methyl Iodide	4.164	142	7908	4.888	ug/l #	95
11) Tert butyl alcohol	5.058	59	1729	18.192	ug/l	97
12) 1,1-Dichloroethene	3.934	96	6337	4.318	ug/l #	94
13) Acrolein	3.799	56	3443	33.786	ug/l	94
14) Allyl chloride	4.569	41	10485	4.810	ug/l	99
15) Acrylonitrile	5.258	53	7682	21.789	ug/l #	91
16) Acetone	4.034	43	7164	17.787	ug/l #	72
17) Carbon Disulfide	4.269	76	21320	5.211	ug/l	96
18) Methyl Acetate	4.581	43	6003	6.943	ug/l #	49
19) Methyl tert-butyl Ether	5.316	73	14510	4.281	ug/l	97
20) Methylene Chloride	4.805	84	13851	7.001	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	7509	4.765	ug/l	86
22) Diisopropyl ether	6.222	45	19572	4.140	ug/l #	92
23) Vinyl Acetate	6.163	43	65974	24.836	ug/l	98
24) 1,1-Dichloroethane	6.105	63	15831	5.082	ug/l	98
25) 2-Butanone	7.093	43	10357	21.117	ug/l	95
26) 2,2-Dichloropropane	7.069	77	13771	5.110	ug/l #	67
27) cis-1,2-Dichloroethene	7.069	96	9539	4.867	ug/l	92
28) Bromochloromethane	7.428	49	6685	5.028	ug/l	99
29) Tetrahydrofuran	7.440	42	5807	22.138	ug/l #	63
30) Chloroform	7.599	83	16038	4.861	ug/l	89
31) Cyclohexane	7.875	56	12416	5.258	ug/l #	66
32) 1,1,1-Trichloroethane	7.799	97	13093	4.790	ug/l	97
36) 1,1-Dichloropropene	8.010	75	9599	4.336	ug/l	97
37) Ethyl Acetate	7.175	43	5386m	5.026	ug/l	
38) Carbon Tetrachloride	7.993	117	11589	4.711	ug/l	99
39) Methylcyclohexane	9.281	83	10930	4.400	ug/l	94
40) Benzene	8.252	78	32181	4.597	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2149	3.819	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	9582	4.977	ug/l	95
43) Isopropyl Acetate	8.369	43	8397	4.253	ug/l	98
44) Trichloroethene	9.028	130	8213	4.743	ug/l	97
45) 1,2-Dichloropropane	9.310	63	7785	4.386	ug/l	94
46) Dibromomethane	9.399	93	4288	4.378	ug/l	94
47) Bromodichloromethane	9.587	83	11616	4.472	ug/l #	88
48) Methyl methacrylate	9.381	41	3842	4.320	ug/l	85
49) 1,4-Dioxane	9.387	88	1071	99.519	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	18932	18.743	ug/l	96
52) Toluene	10.334	92	19798	4.619	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	9013	3.963	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	11348	4.228	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	6057	4.403	ug/l	98
56) Ethyl methacrylate	10.599	69	6336	3.942	ug/l	93
57) 1,3-Dichloropropane	10.881	76	9937	4.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	11315	19.026	ug/l	99
59) 2-Hexanone	10.922	43	13719	18.339	ug/l	90
60) Dibromochloromethane	11.075	129	7961	4.454	ug/l	98
61) 1,2-Dibromoethane	11.181	107	5946	4.696	ug/l	95
64) Tetrachloroethene	10.810	164	7275	4.835	ug/l	96
65) Chlorobenzene	11.604	112	23219	4.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	7750	4.346	ug/l	98
67) Ethyl Benzene	11.681	91	33696	4.013	ug/l	100
68) m/p-Xylenes	11.787	106	24730	7.674	ug/l	99
69) o-Xylene	12.122	106	12159	4.078	ug/l	94
70) Styrene	12.134	104	20626	3.888	ug/l	100
71) Bromoform	12.293	173	4364	4.069	ug/l #	96
73) Isopropylbenzene	12.422	105	30120	4.124	ug/l	96
74) N-amyl acetate	12.234	43	6677	3.780	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	7354	4.966	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	4040m	3.411	ug/l	
77) Bromobenzene	12.698	156	9252	4.896	ug/l	96
78) n-propylbenzene	12.763	91	39333	4.332	ug/l	99
79) 2-Chlorotoluene	12.845	91	22719	4.306	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	26513	4.307	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	2111	3.977	ug/l #	94
82) 4-Chlorotoluene	12.945	91	23856	4.209	ug/l	98
83) tert-Butylbenzene	13.163	119	21288	4.035	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	24761	4.006	ug/l	97
85) sec-Butylbenzene	13.345	105	32857	4.052	ug/l	99
86) p-Isopropyltoluene	13.457	119	25773	3.810	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	17402	4.501	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	19173	4.964	ug/l	95
89) n-Butylbenzene	13.787	91	27559	4.212	ug/l	96
90) Hexachloroethane	14.057	117	6898	4.613	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	14946	4.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1060	4.287	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	8912	4.211	ug/l	97
94) Hexachlorobutadiene	15.204	225	5184	4.448	ug/l	91
95) Naphthalene	15.328	128	15086	3.997	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	7579	4.041	ug/l	95

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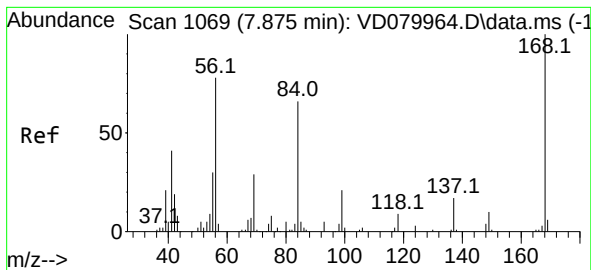
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

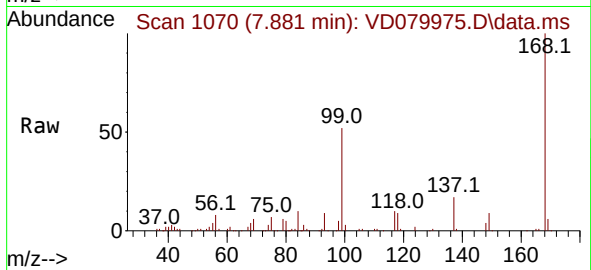
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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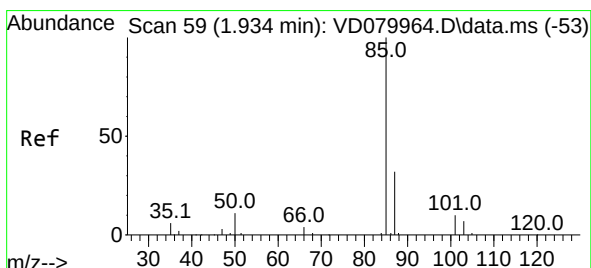
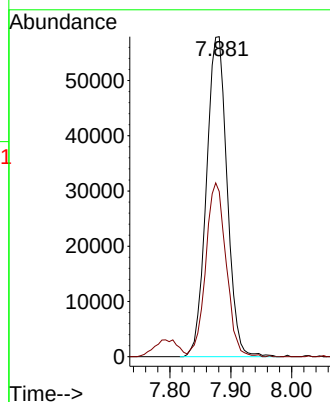
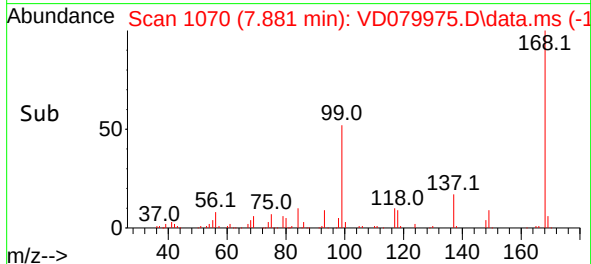
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:168 Resp: 136602
Ion Ratio Lower Upper
168 100
99 51.6 46.0 69.0

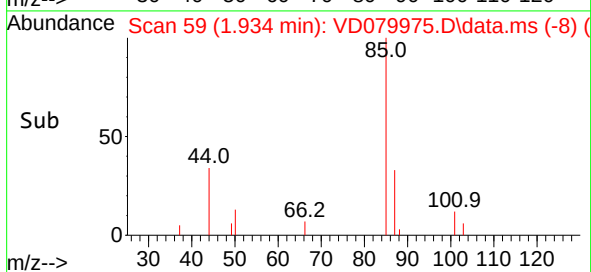
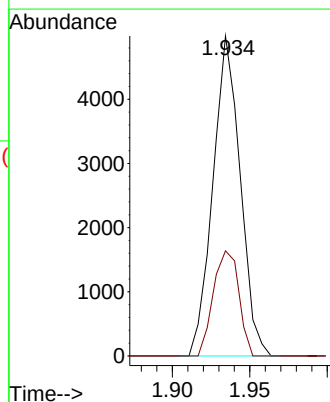
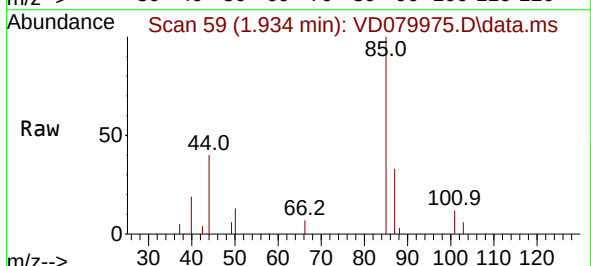
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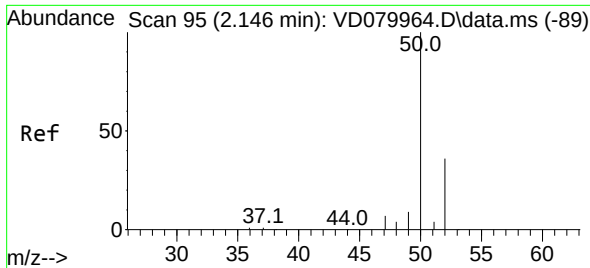
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#2
Dichlorodifluoromethane
Concen: 4.542 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 85 Resp: 6098
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





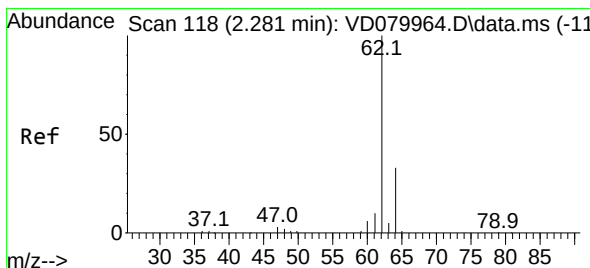
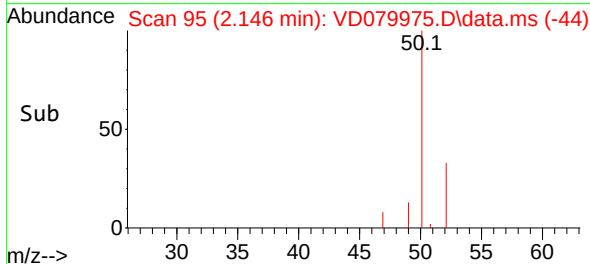
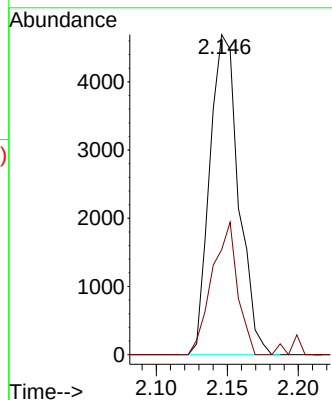
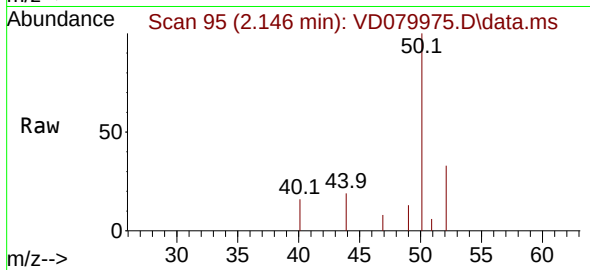
#3
Chloromethane
Concen: 4.817 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 50 Resp: 664
Ion Ratio Lower Upper
50 100
52 32.8 28.8 43.2

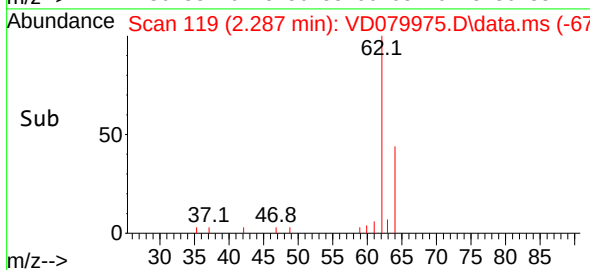
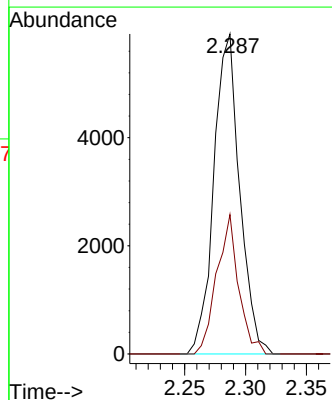
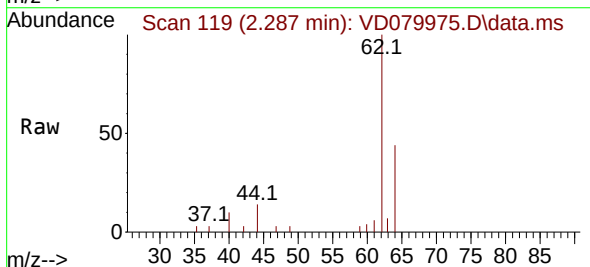
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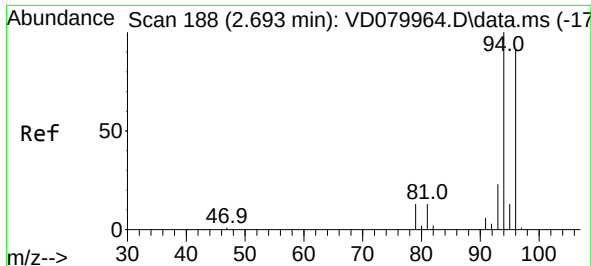
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#4
Vinyl Chloride
Concen: 5.105 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

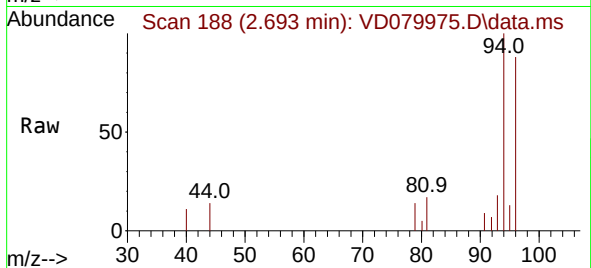
Tgt Ion: 62 Resp: 8752
Ion Ratio Lower Upper
62 100
64 43.6 26.5 39.7#





#5
Bromomethane
Concen: 5.858 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

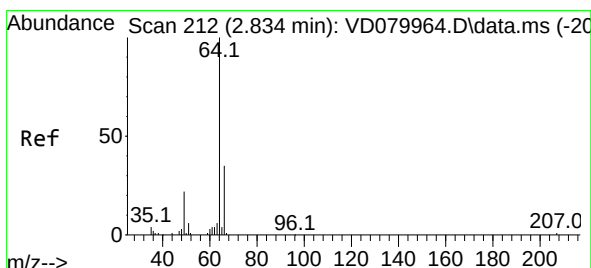
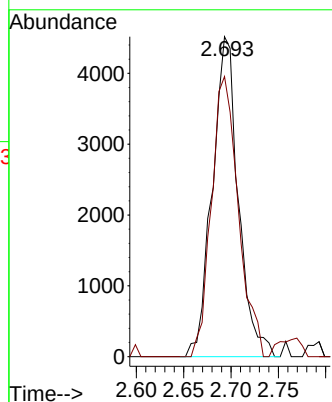
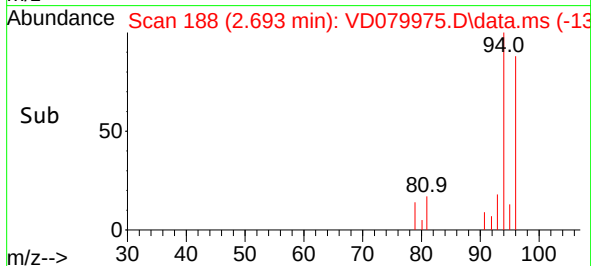
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Tgt Ion: 94 Resp: 864
Ion Ratio Lower Upper
94 100
96 90.6 76.2 114.2

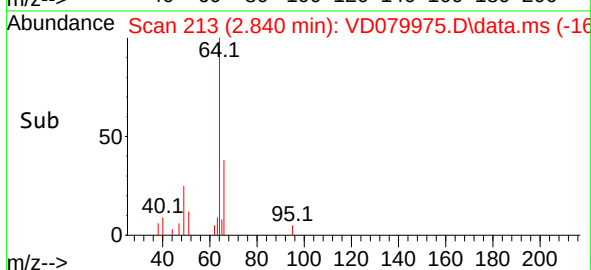
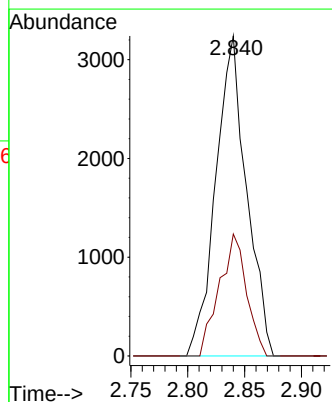
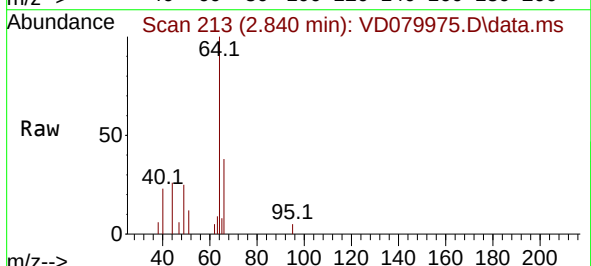
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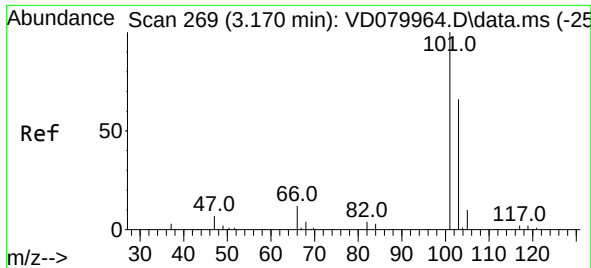
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#6
Chloroethane
Concen: 5.210 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD079975.D
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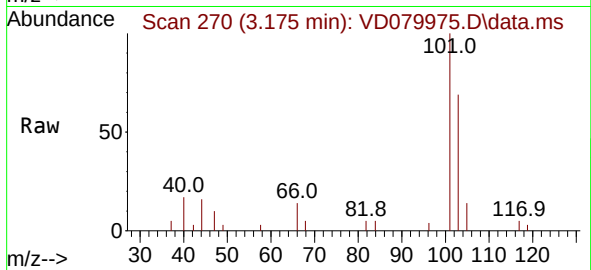
Tgt Ion: 64 Resp: 6098
Ion Ratio Lower Upper
64 100
66 38.1 27.6 41.4





#7
Trichlorofluoromethane
Concen: 4.785 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

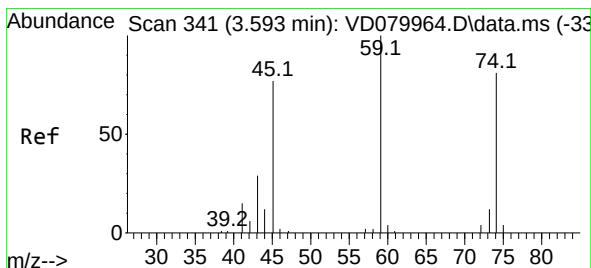
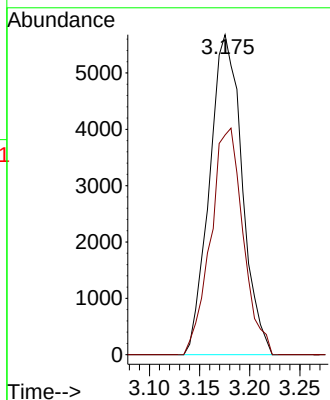
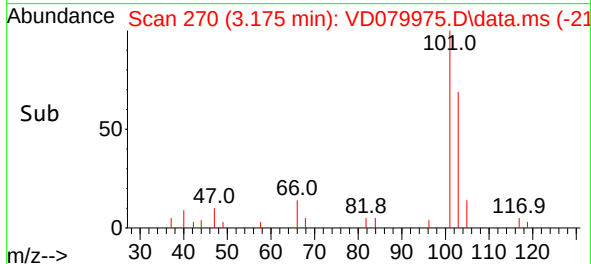
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:101 Resp: 12854
Ion Ratio Lower Upper
101 100
103 68.7 53.0 79.6

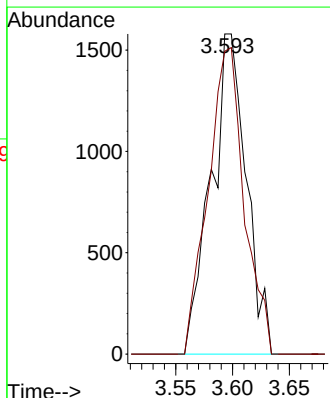
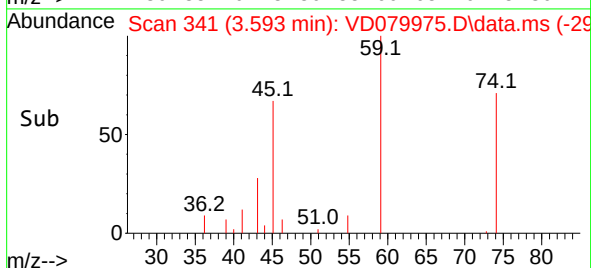
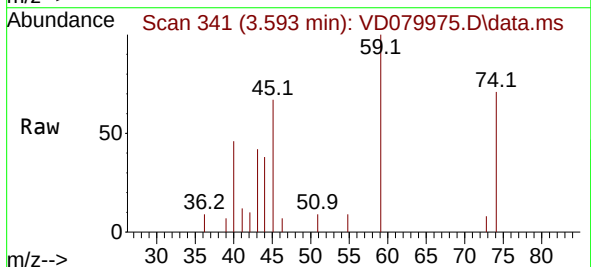
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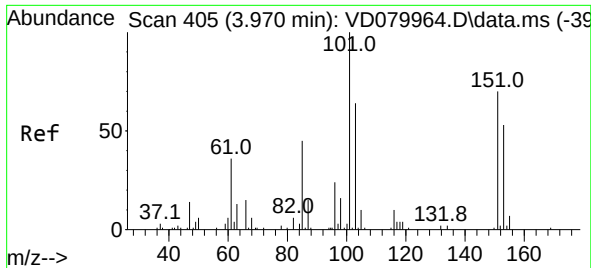
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#8
Diethyl Ether
Concen: 4.623 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 74 Resp: 3411
Ion Ratio Lower Upper
74 100
45 98.2 47.8 143.3





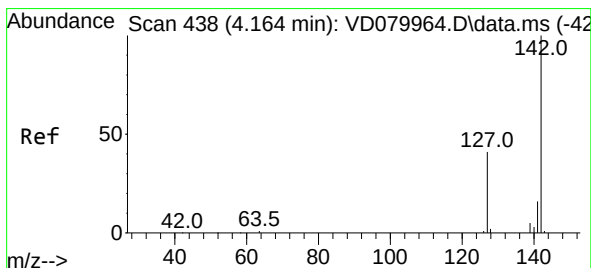
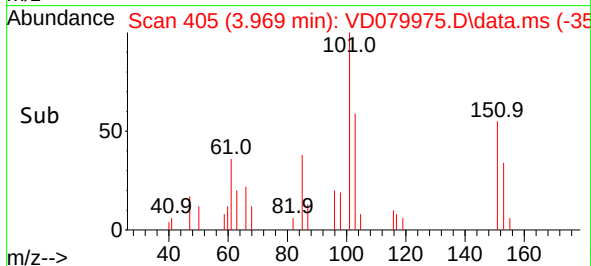
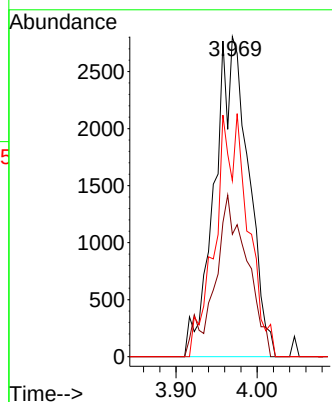
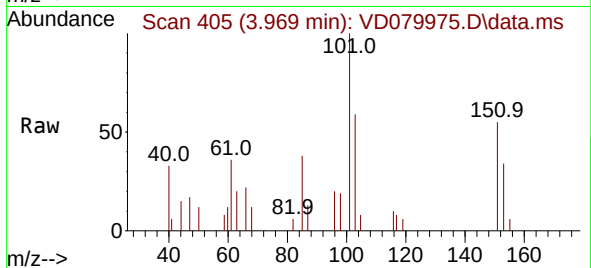
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.970 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion:101 Resp: 8200
Ion Ratio Lower Upper
101 100
85 48.1 35.3 52.9
151 40.1 60.3 90.5

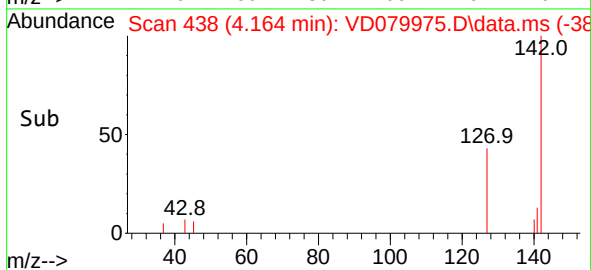
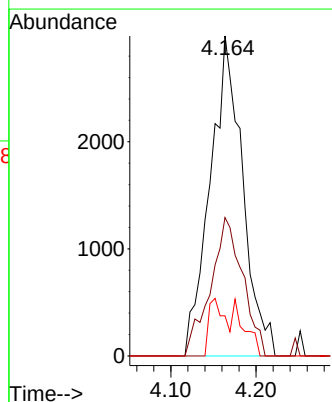
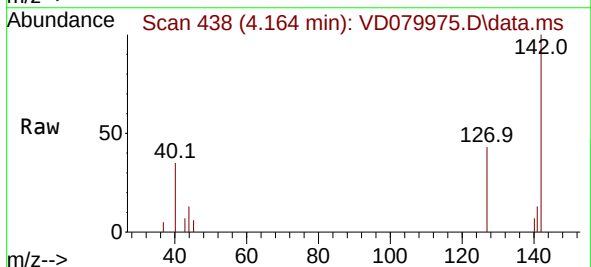
Manual Integrations
APPROVED

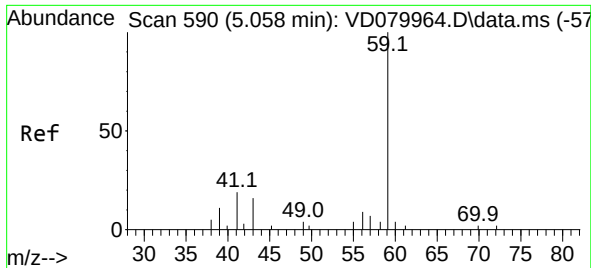
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#10
Methyl Iodide
Concen: 4.888 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

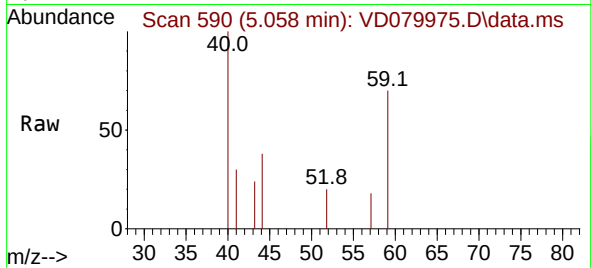
Tgt Ion:142 Resp: 7908
Ion Ratio Lower Upper
142 100
127 42.9 35.3 52.9
141 8.9 12.2 18.2





#11
Tert butyl alcohol
Concen: 18.192 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

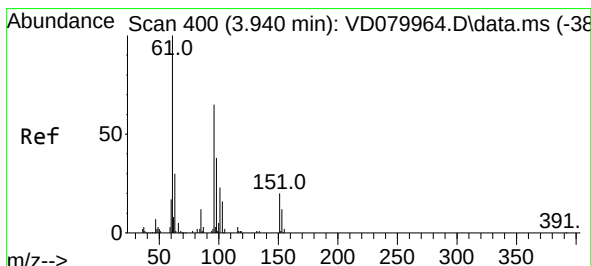
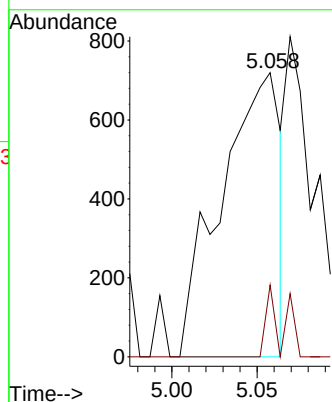
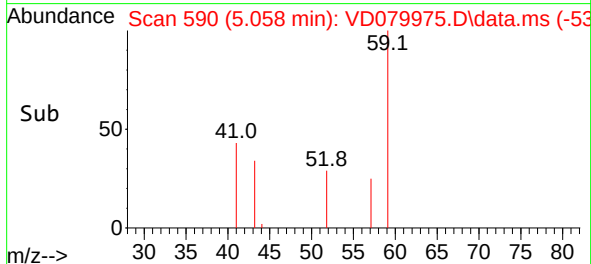
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



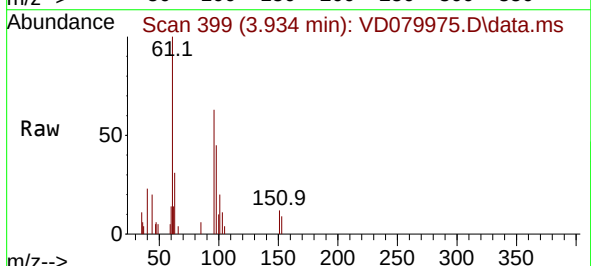
Tgt Ion: 59 Resp: 1729
Ion Ratio Lower Upper
59 100
57 7.0 4.8 7.2

Manual Integrations
APPROVED

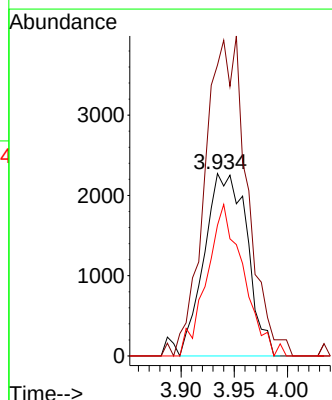
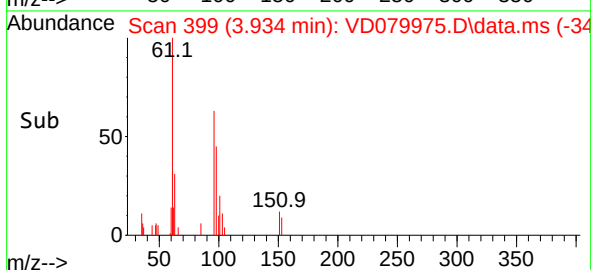
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

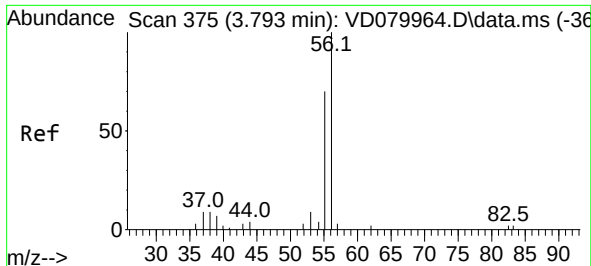


#12
1,1-Dichloroethene
Concen: 4.318 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



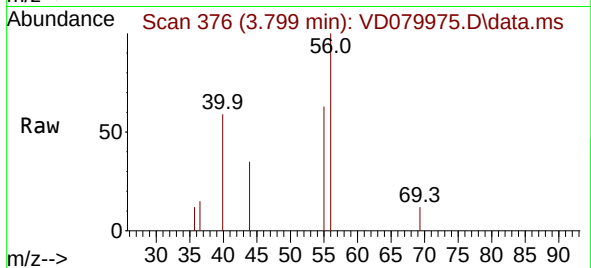
Tgt Ion: 96 Resp: 6337
Ion Ratio Lower Upper
96 100
61 150.5 122.6 184.0
98 71.6 47.1 70.7#





#13
Acrolein
Concen: 33.786 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

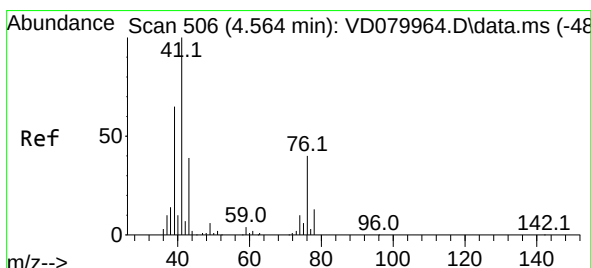
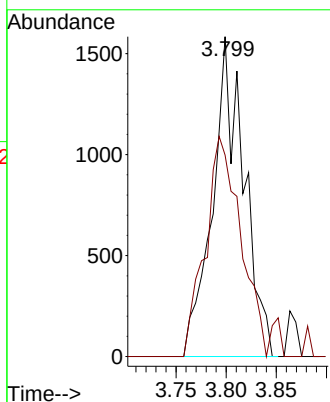
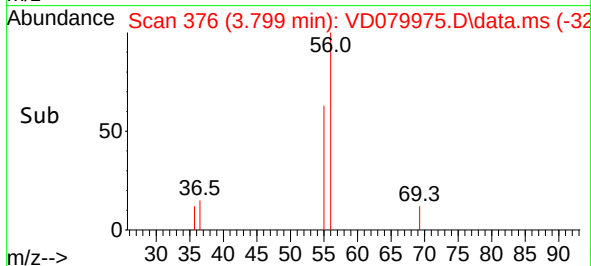
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 56 Resp: 344
Ion Ratio Lower Upper
56 100
55 77.8 58.2 87.2

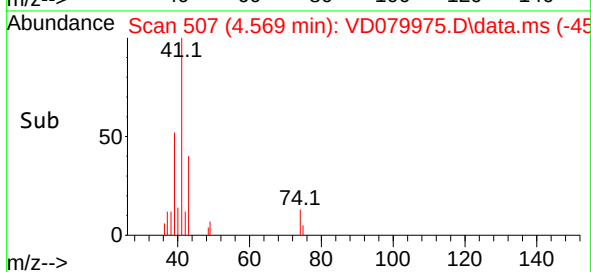
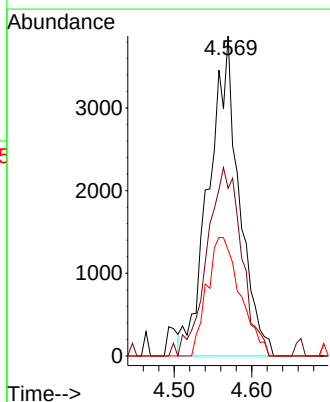
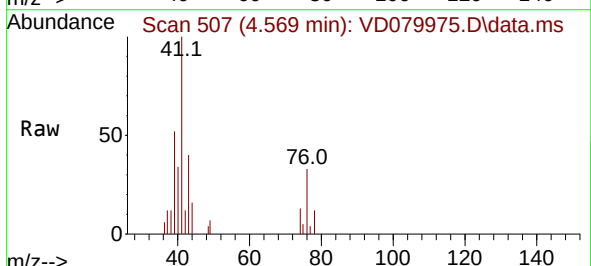
Manual Integrations
APPROVED

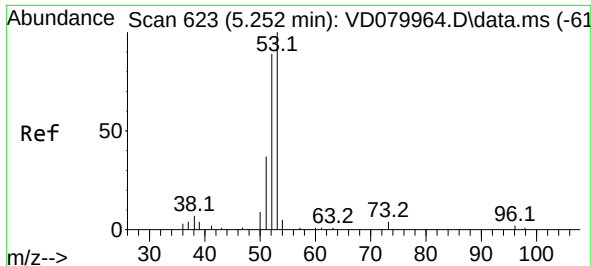
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#14
Allyl chloride
Concen: 4.810 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

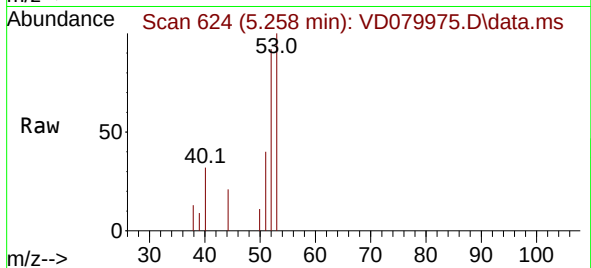
Tgt Ion: 41 Resp: 10485
Ion Ratio Lower Upper
41 100
39 67.8 53.3 79.9
76 40.6 32.0 48.0





#15
Acrylonitrile
Concen: 21.789 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

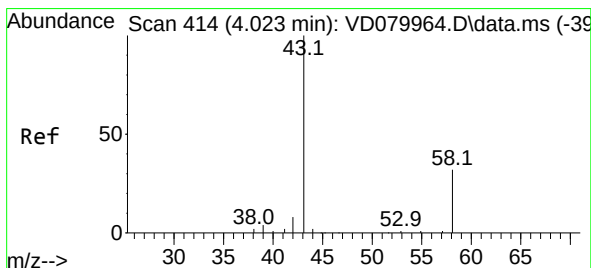
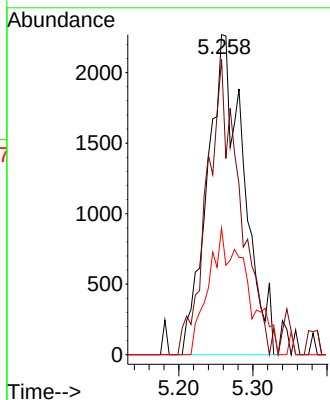
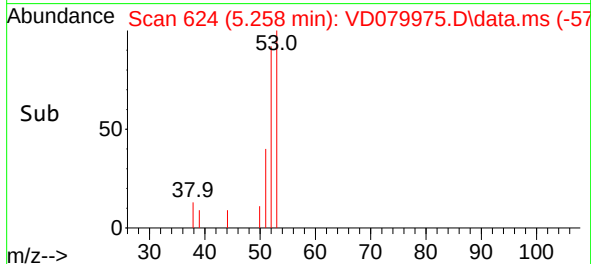
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 53 Resp: 768
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.4
51 22.5 30.3 45.5

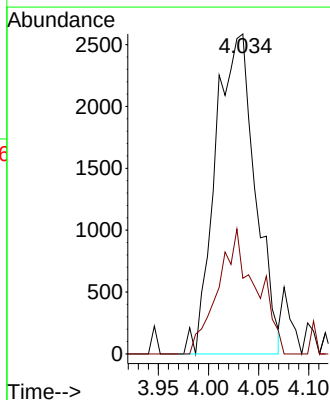
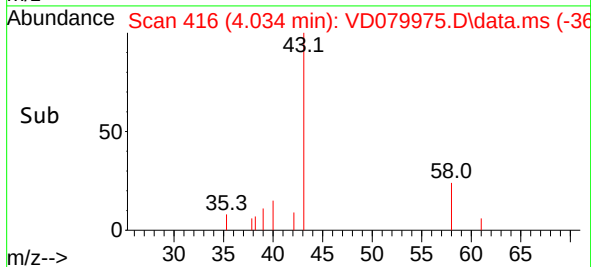
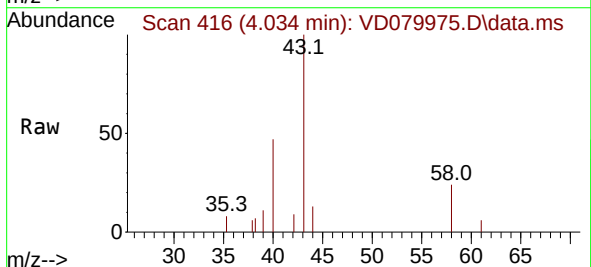
Manual Integrations
APPROVED

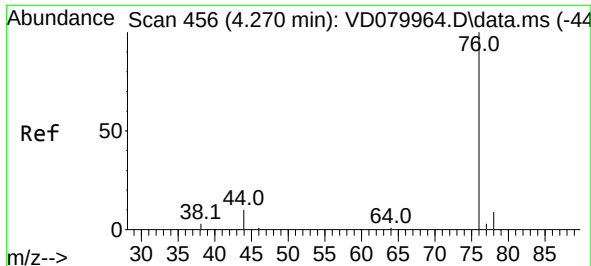
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#16
Acetone
Concen: 17.787 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

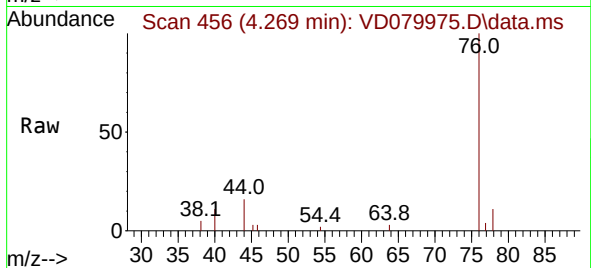
Tgt Ion: 43 Resp: 7164
Ion Ratio Lower Upper
43 100
58 16.2 25.4 38.2#





#17
Carbon Disulfide
Concen: 5.211 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

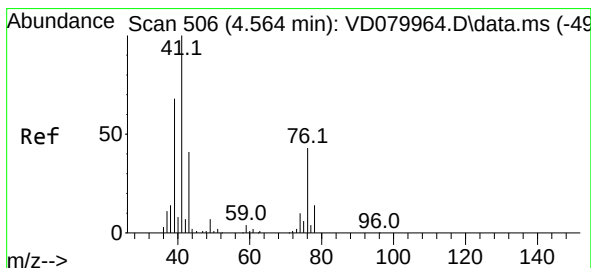
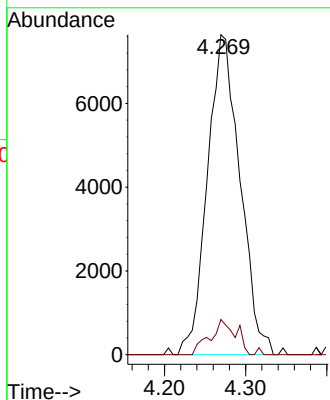
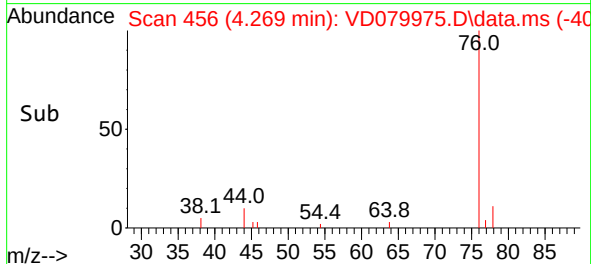
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 76 Resp: 21320
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3

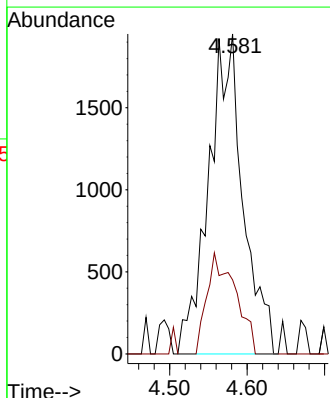
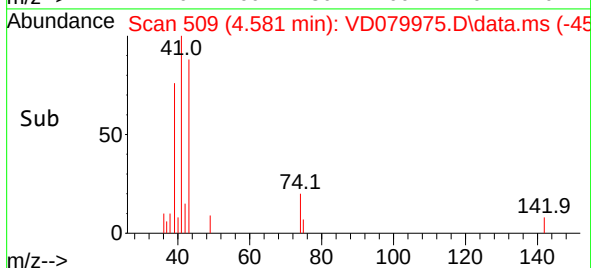
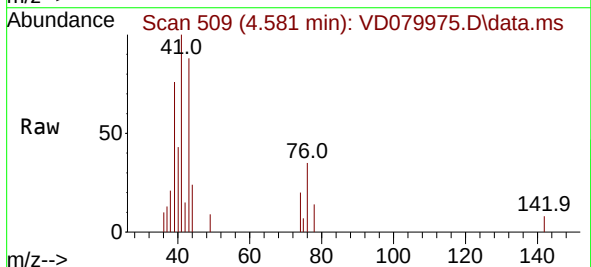
Manual Integrations
APPROVED

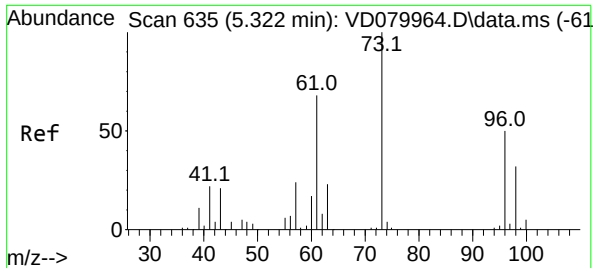
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#18
Methyl Acetate
Concen: 6.943 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.018 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 43 Resp: 6003
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#





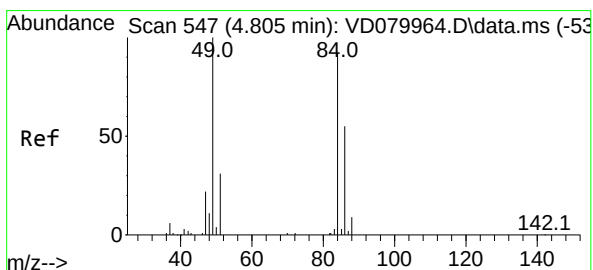
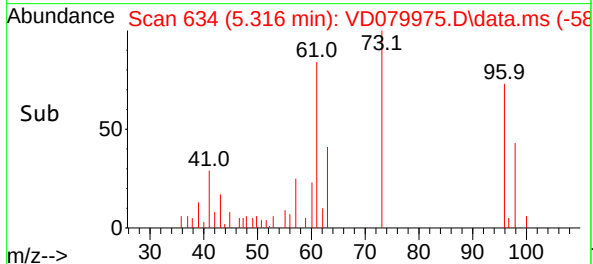
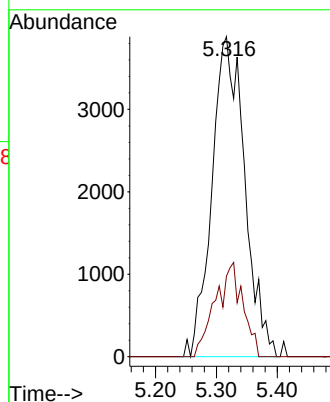
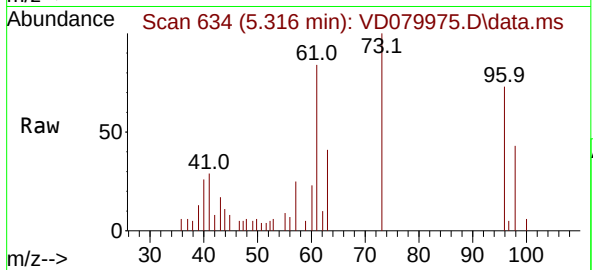
#19
Methyl tert-butyl Ether
Concen: 4.281 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 73 Resp: 14510
Ion Ratio Lower Upper
73 100
57 25.2 18.8 28.2

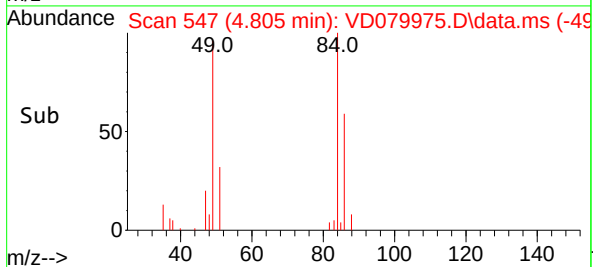
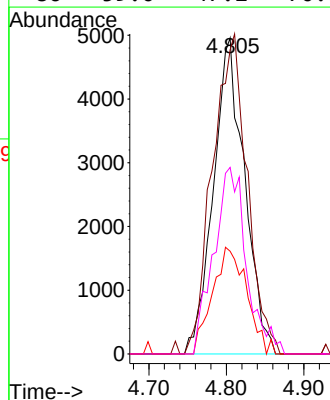
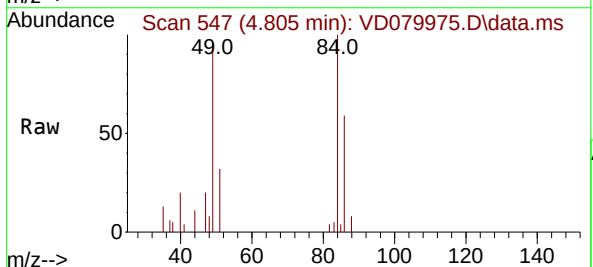
Manual Integrations
APPROVED

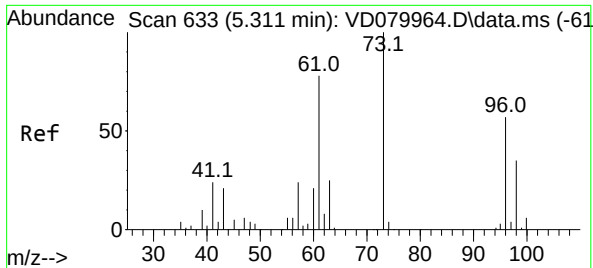
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#20
Methylene Chloride
Concen: 7.001 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

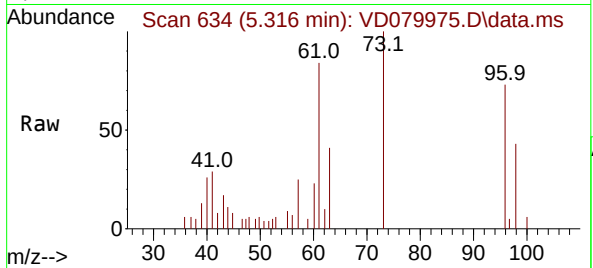
Tgt Ion: 84 Resp: 13851
Ion Ratio Lower Upper
84 100
49 96.2 86.5 129.7
51 32.5 26.9 40.3
86 59.0 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 4.765 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

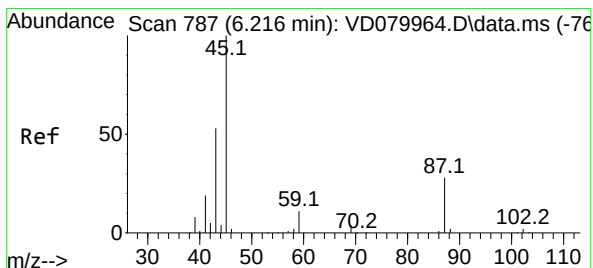
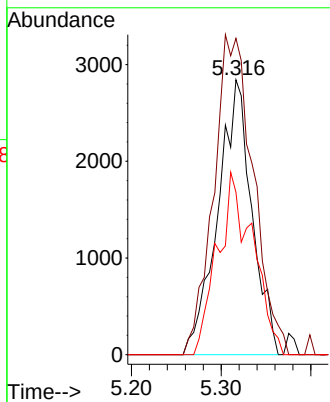
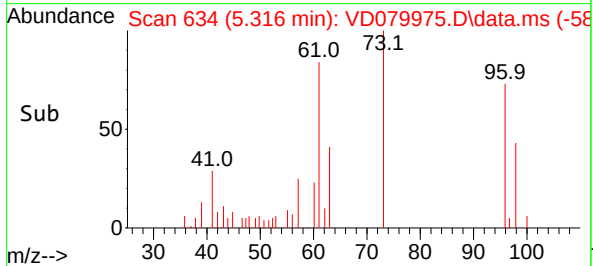
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 96 Resp: 7509
Ion Ratio Lower Upper
96 100
61 115.1 109.4 164.0
98 59.1 49.8 74.8

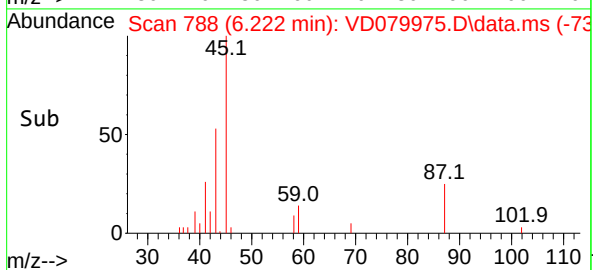
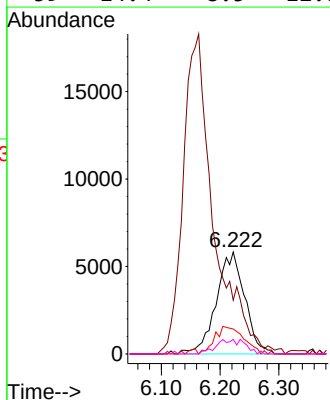
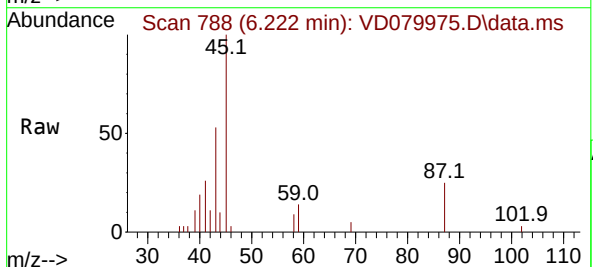
Manual Integrations
APPROVED

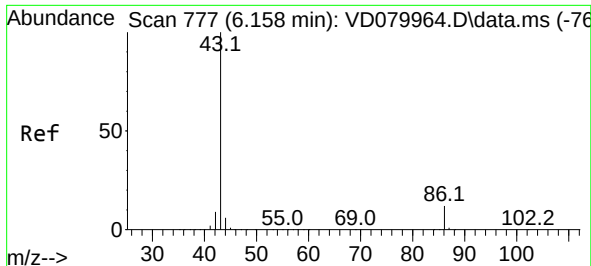
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#22
Diisopropyl ether
Concen: 4.140 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

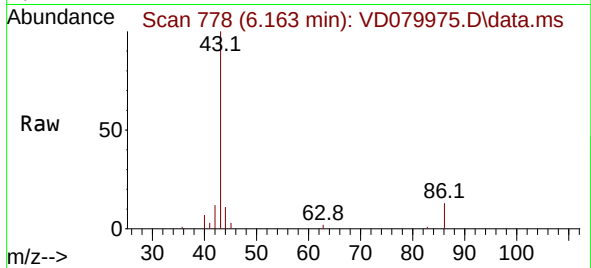
Tgt Ion: 45 Resp: 19572
Ion Ratio Lower Upper
45 100
43 47.9 42.6 63.8
87 24.5 22.7 34.1
59 14.4 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 24.836 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079975.D
 Acq: 14 Oct 2024 13:21

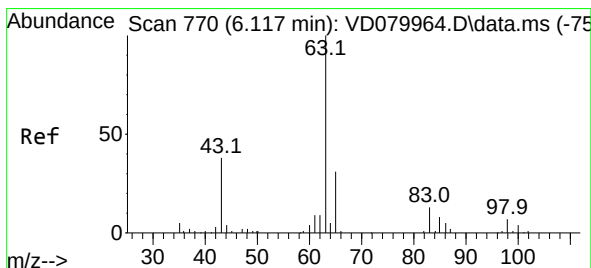
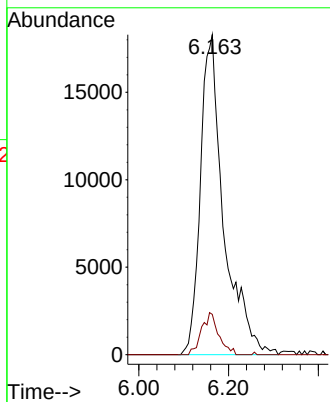
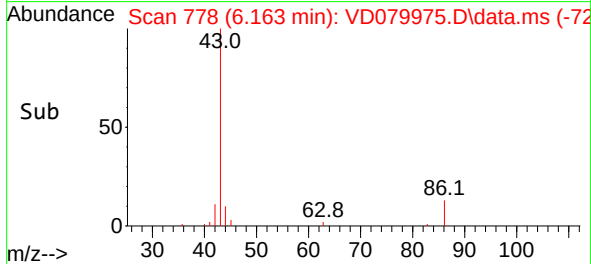
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



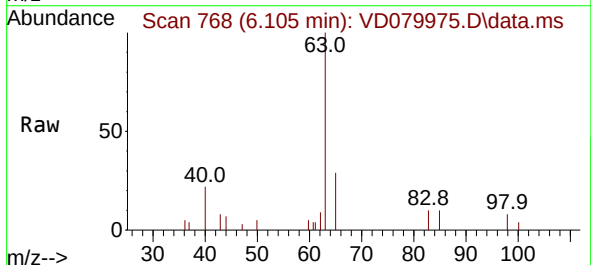
Tgt Ion: 43 Resp: 65974
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0

Manual Integrations
 APPROVED

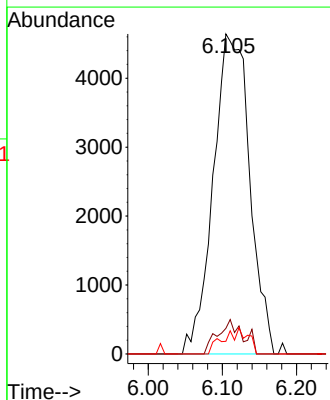
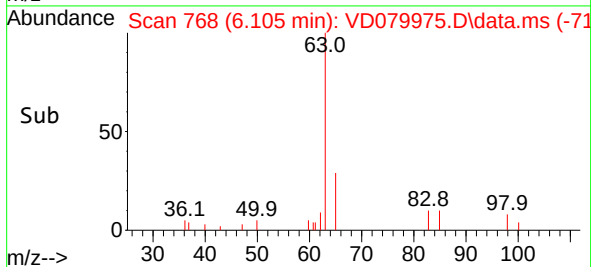
Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

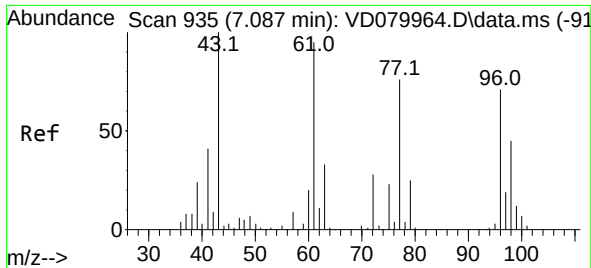


#24
 1,1-Dichloroethane
 Concen: 5.082 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD079975.D
 Acq: 14 Oct 2024 13:21



Tgt Ion: 63 Resp: 15831
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 3.9 2.1 6.5





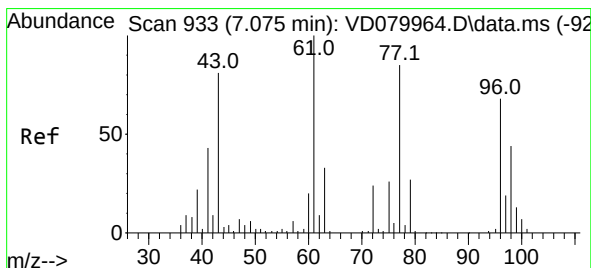
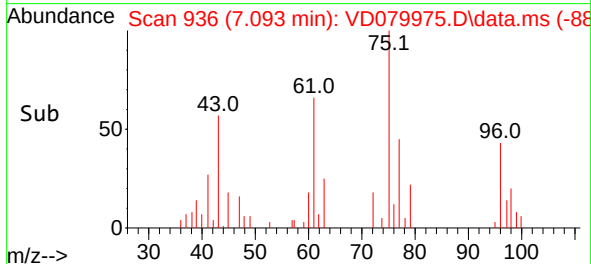
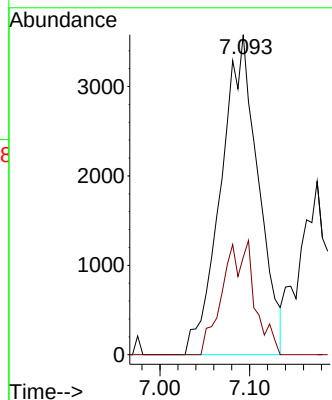
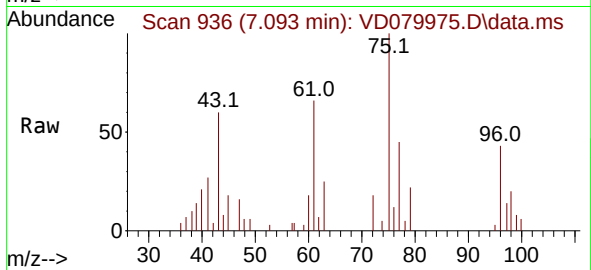
#25
2-Butanone
Concen: 21.117 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
72 30.5 22.3 33.5

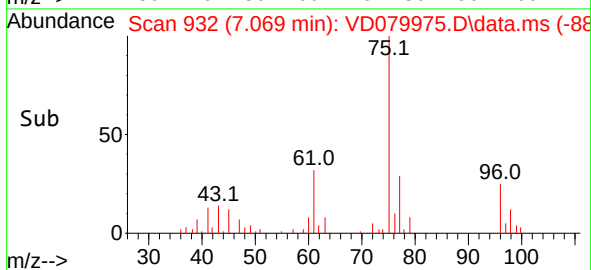
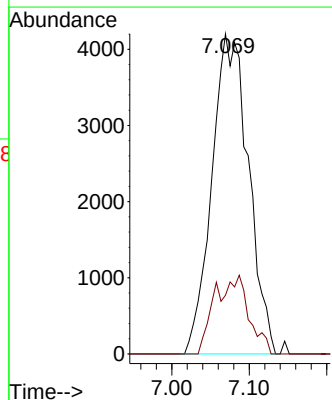
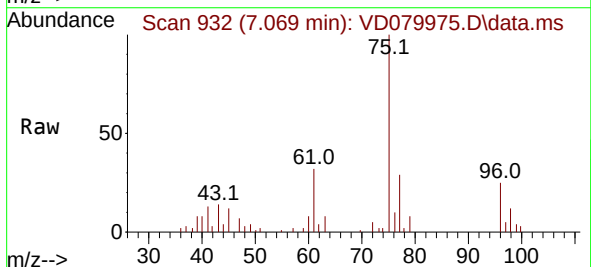
Manual Integrations
APPROVED

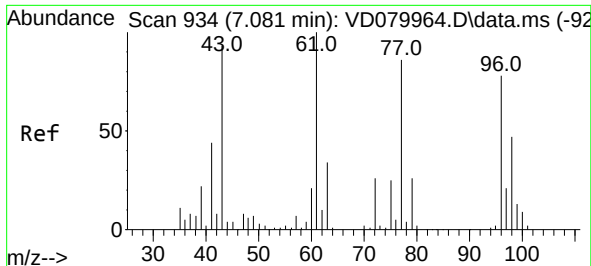
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#26
2,2-Dichloropropane
Concen: 5.110 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 77 Resp: 13771
Ion Ratio Lower Upper
77 100
97 7.5 11.9 35.9#





#27

cis-1,2-Dichloroethene

Concen: 4.867 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

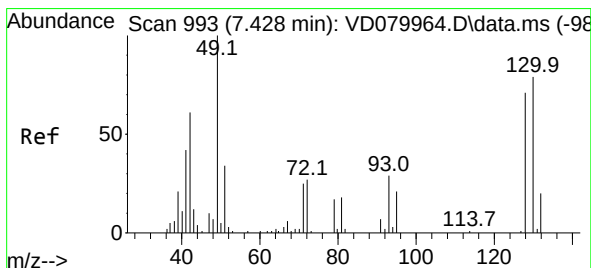
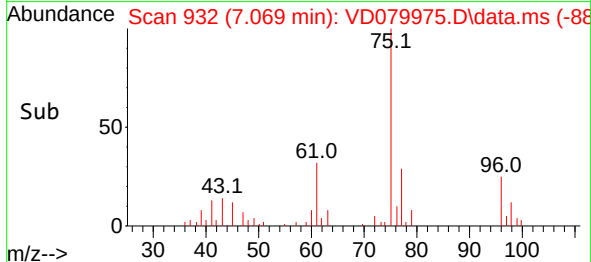
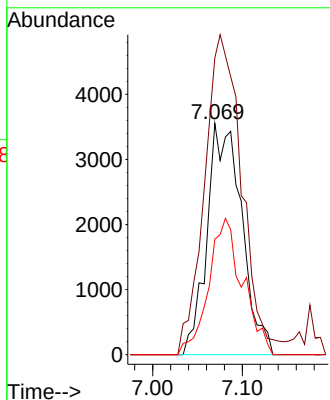
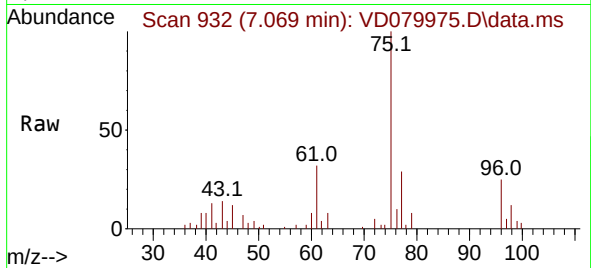
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 96	Resp: 953
Ion Ratio	Lower Upper
96 100	
61 148.6	0.0 278.2
98 57.7	0.0 127.8

Manual Integrations

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



#28

Bromochloromethane

Concen: 5.028 ug/l

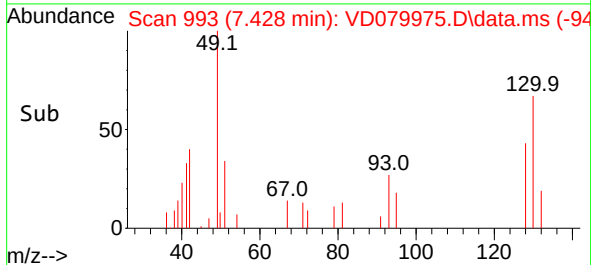
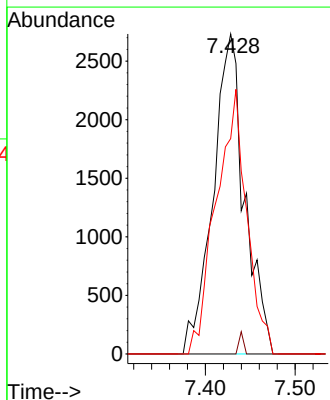
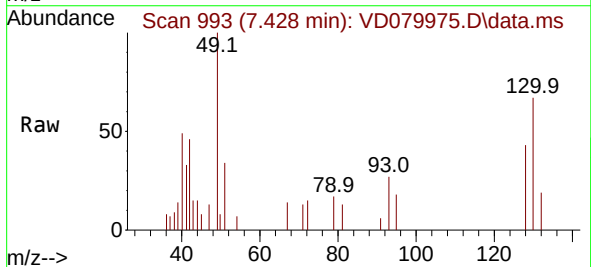
RT: 7.428 min Scan# 993

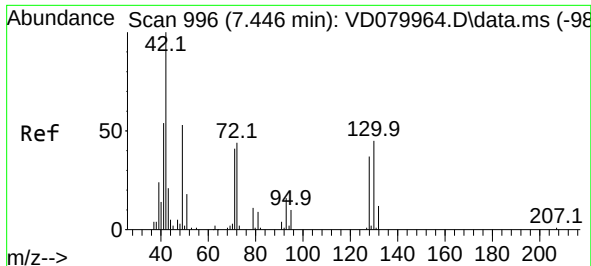
Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Tgt Ion: 49	Resp: 6685
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 2.2
130 79.9	64.6 97.0





#29

Tetrahydrofuran

Concen: 22.138 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD079975.D

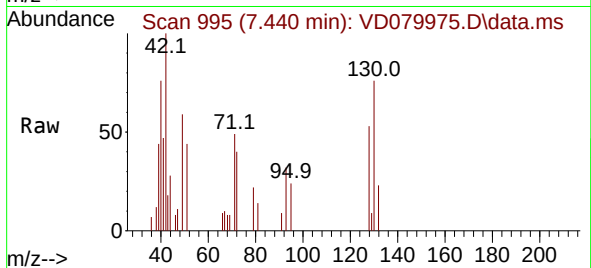
Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



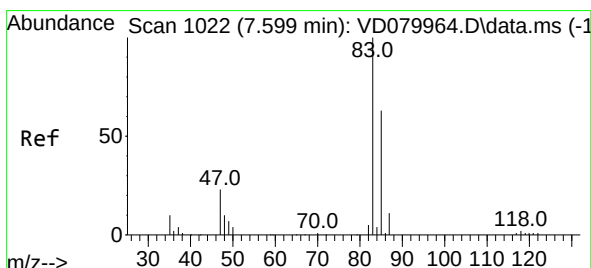
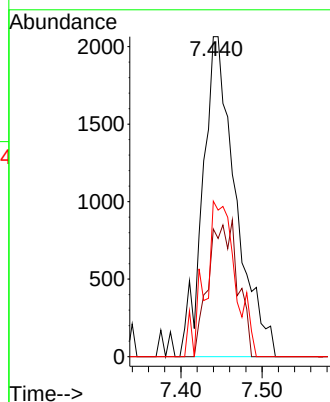
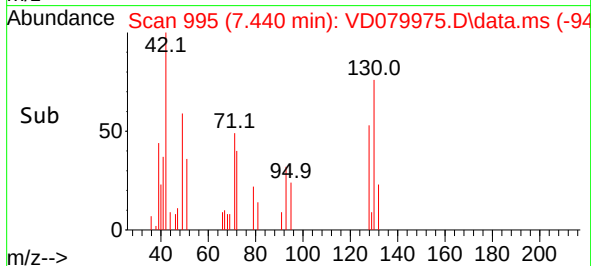
Tgt Ion:	42	Resp:	580
Ion Ratio	Lower	Upper	
42	100		
72	0.0	36.7	55.1
71	44.1	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#30

Chloroform

Concen: 4.861 ug/l

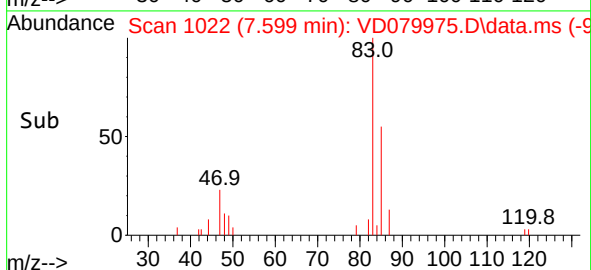
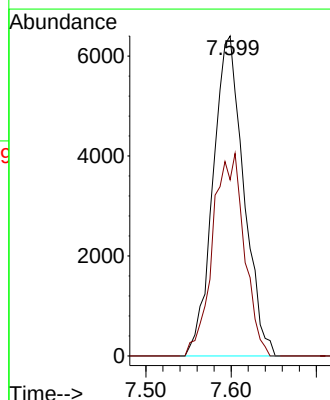
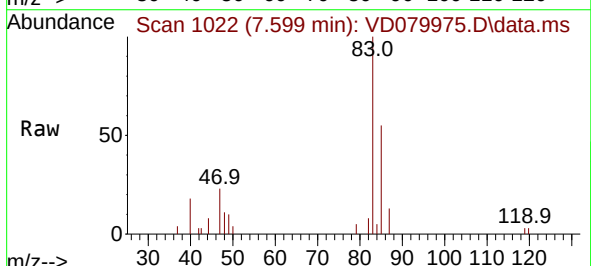
RT: 7.599 min Scan# 1022

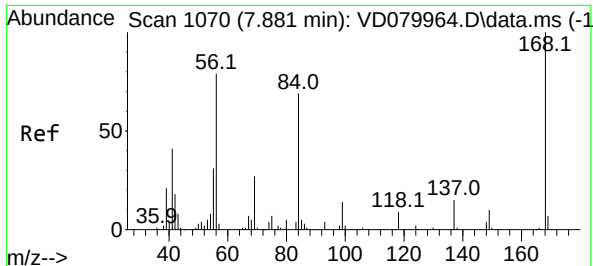
Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

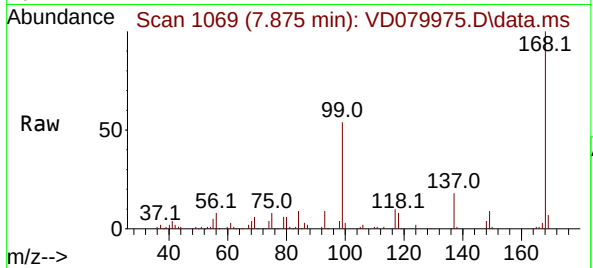
Tgt Ion:	83	Resp:	16038
Ion Ratio	Lower	Upper	
83	100		
85	55.0	50.8	76.2





#31
Cyclohexane
Concen: 5.258 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

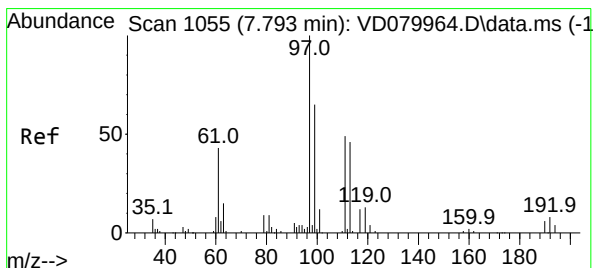
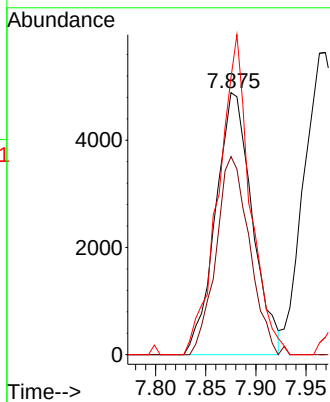
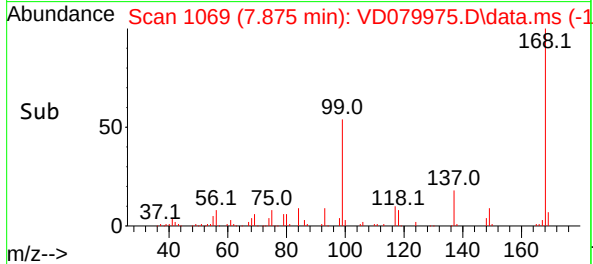
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 56 Resp: 12410
Ion Ratio Lower Upper
56 100
69 75.5 27.3 40.9
84 105.7 70.2 105.4

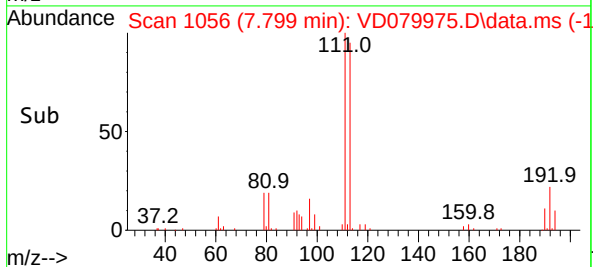
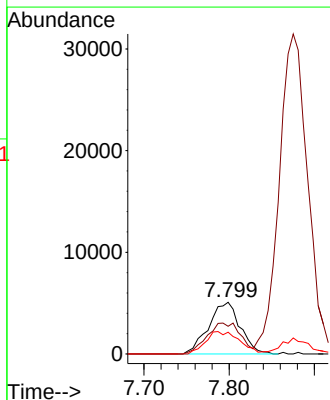
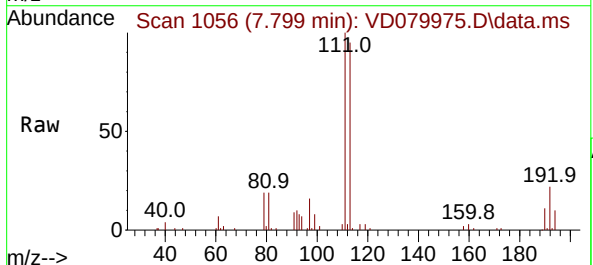
Manual Integrations
APPROVED

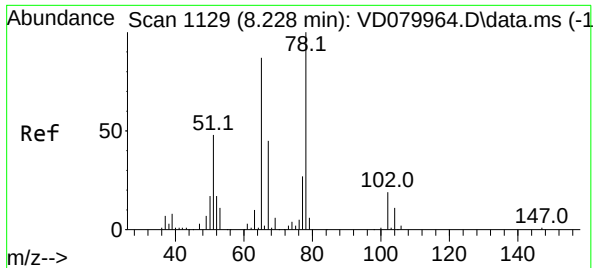
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#32
1,1,1-Trichloroethane
Concen: 4.790 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 97 Resp: 13093
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 47.1 34.2 51.2





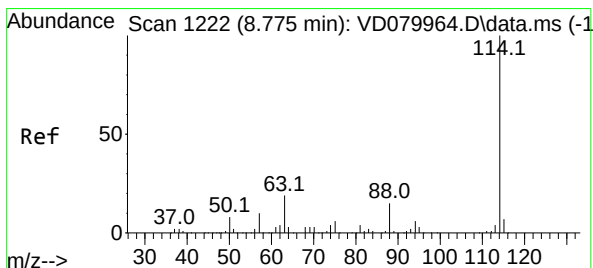
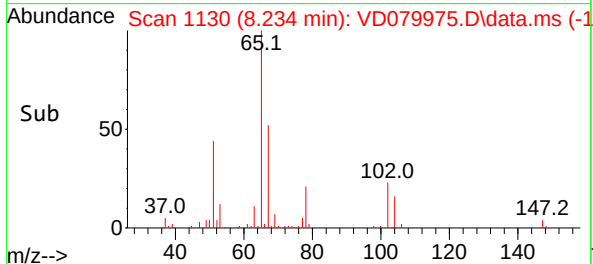
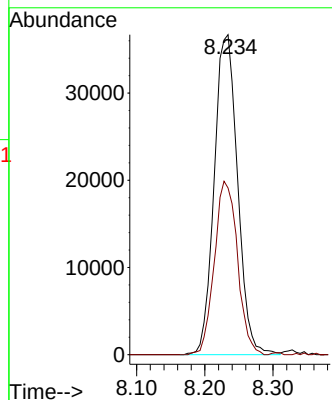
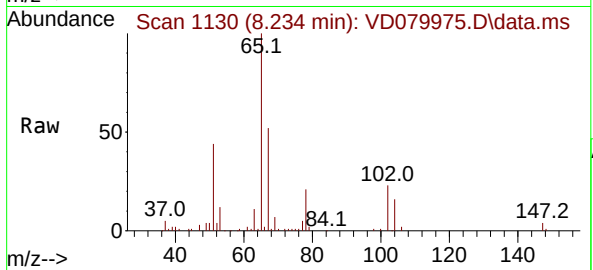
#33
1,2-Dichloroethane-d4
Concen: 56.370 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 65 Resp: 8759
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.2

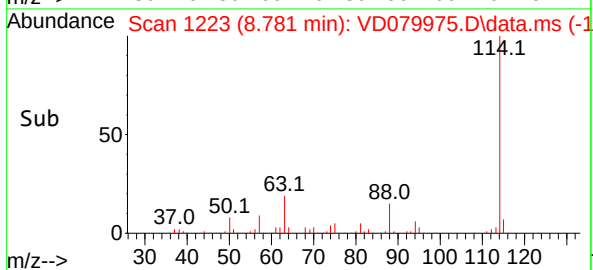
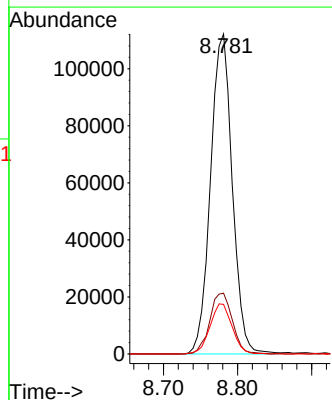
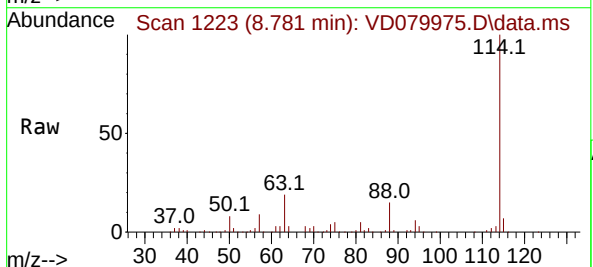
Manual Integrations
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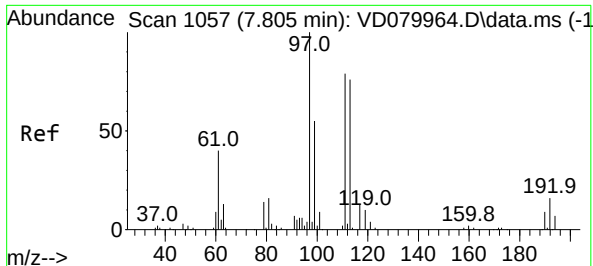
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

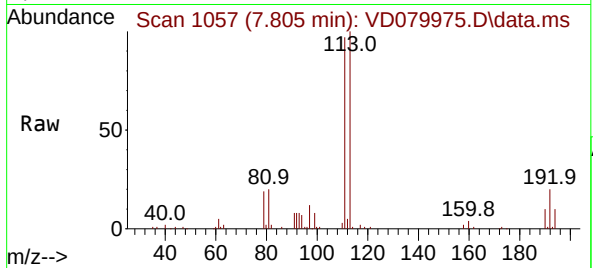
Tgt Ion:114 Resp: 228823
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.8
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.856 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

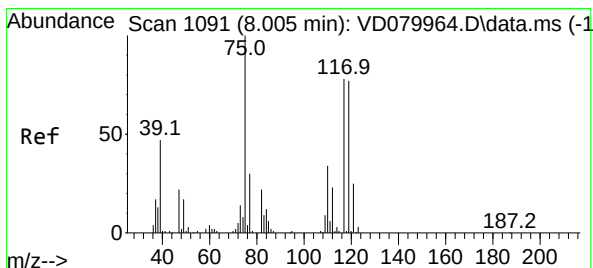
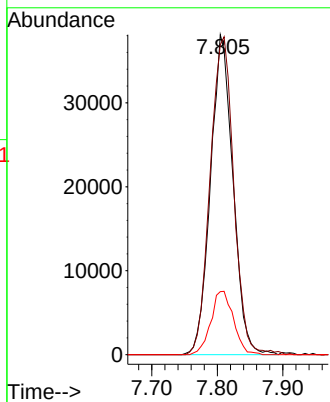
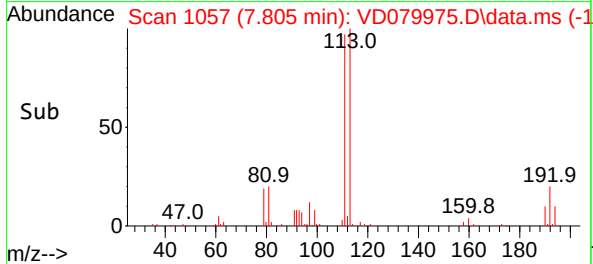
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 113 Resp: 90598
Ion Ratio Lower Upper
113 100
111 104.3 82.5 123.7
192 20.0 16.6 25.0

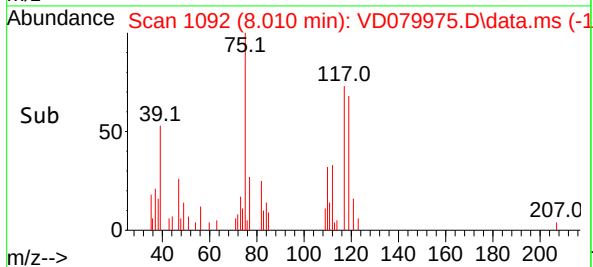
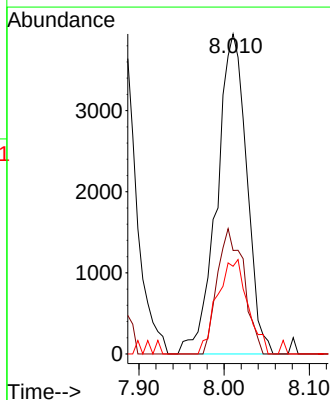
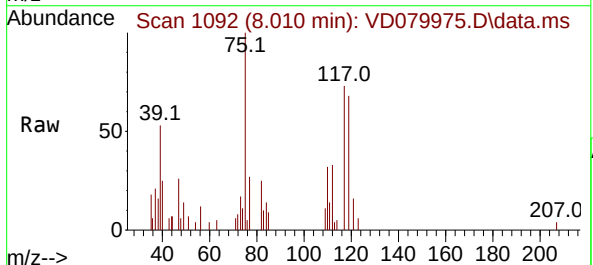
Manual Integrations
APPROVED

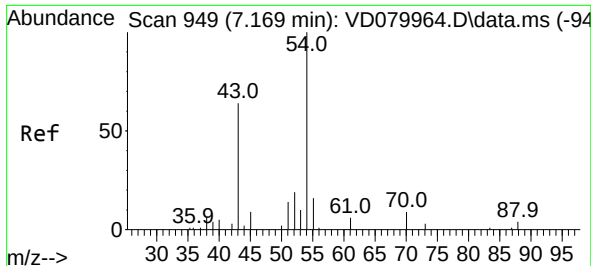
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

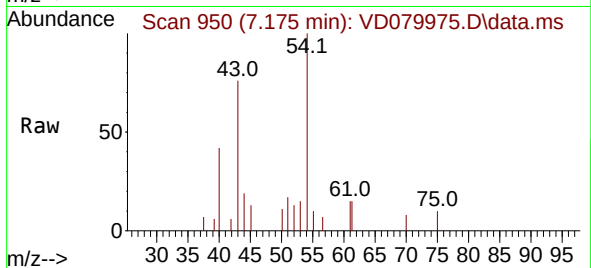
Tgt Ion: 75 Resp: 9599
Ion Ratio Lower Upper
75 100
110 35.0 18.4 55.0
77 30.1 25.6 38.4





#37
Ethyl Acetate
Concen: 5.026 ug/l m
RT: 7.175 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

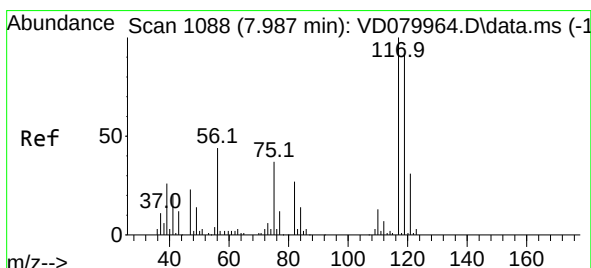
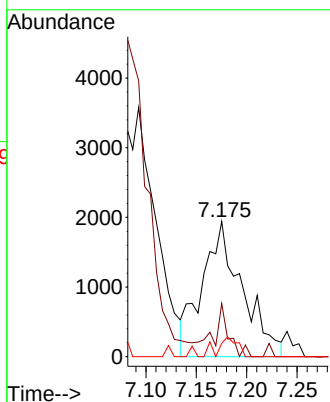
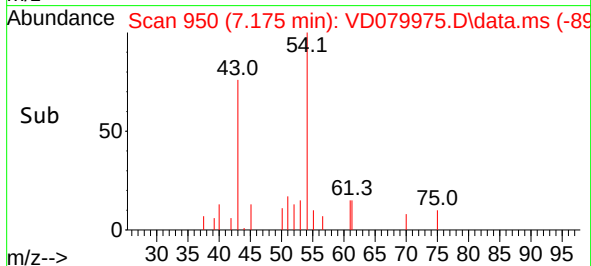
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 7.1 9.4 14.2

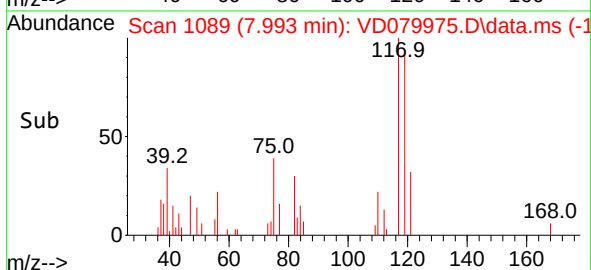
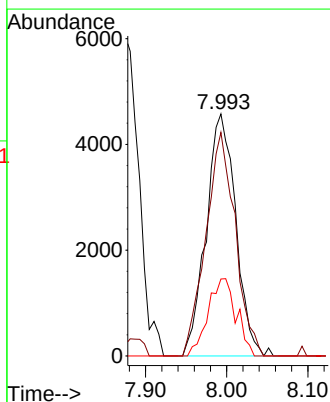
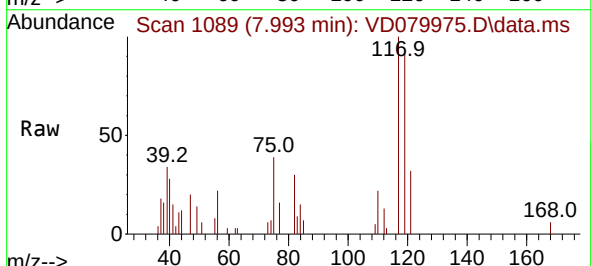
Manual Integrations
APPROVED

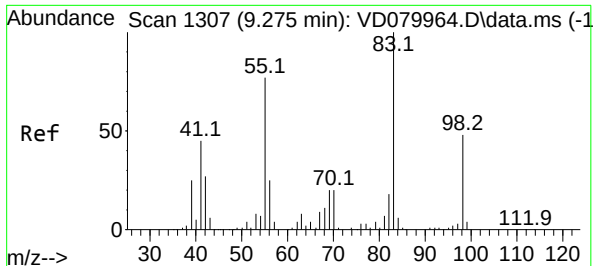
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#38
Carbon Tetrachloride
Concen: 4.711 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

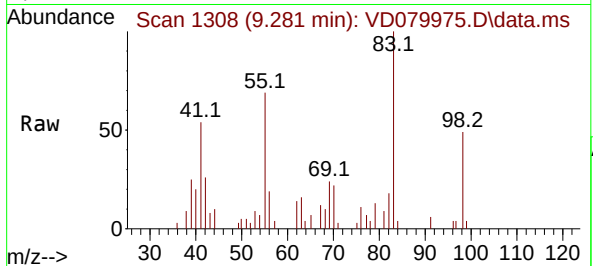
Tgt Ion:117 Resp: 11589
Ion Ratio Lower Upper
117 100
119 92.3 73.4 110.0
121 31.8 24.5 36.7





#39
Methylcyclohexane
Concen: 4.400 ug/l
RT: 9.281 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

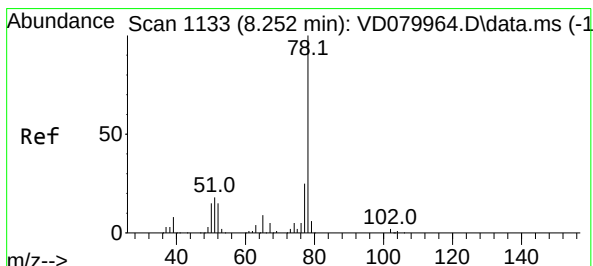
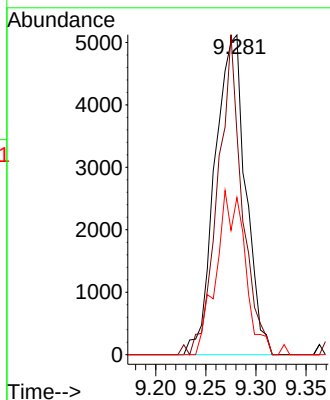
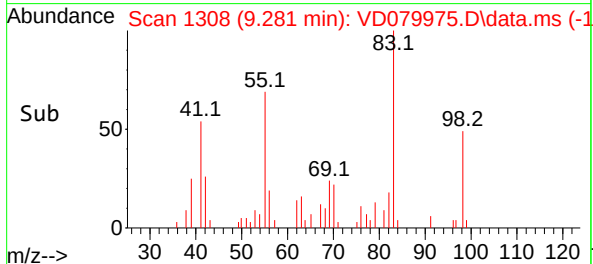
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 83 Resp: 10930
Ion Ratio Lower Upper
83 100
55 69.4 62.0 93.0
98 49.2 38.7 58.1

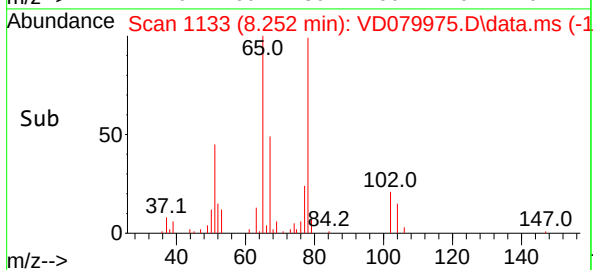
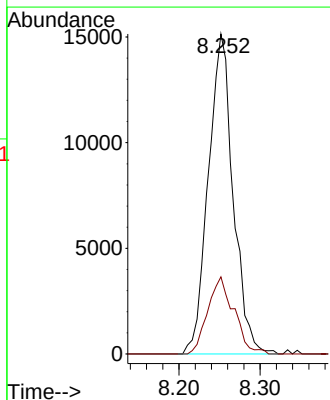
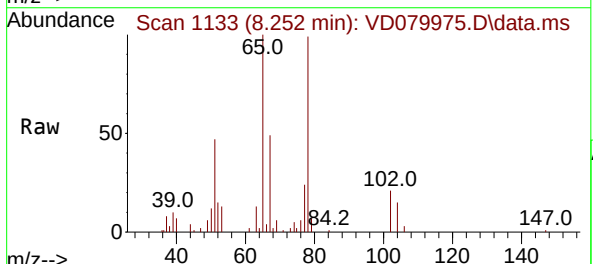
Manual Integrations
APPROVED

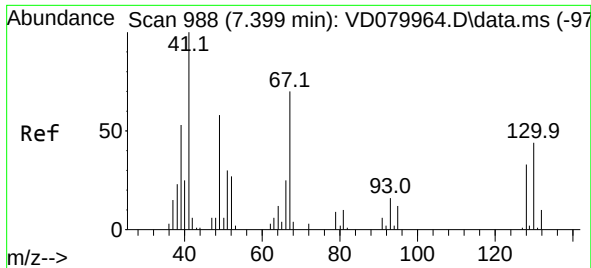
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#40
Benzene
Concen: 4.597 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

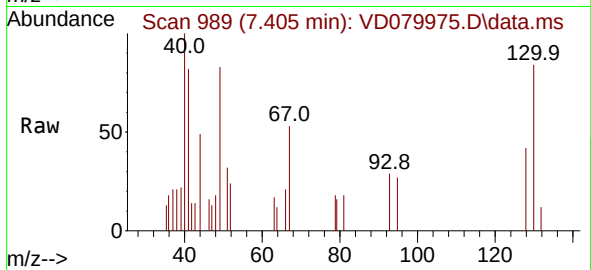
Tgt Ion: 78 Resp: 32181
Ion Ratio Lower Upper
78 100
77 24.1 20.2 30.4





#41
Methacrylonitrile
Concen: 3.819 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

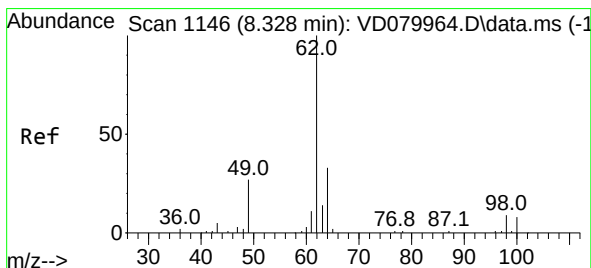
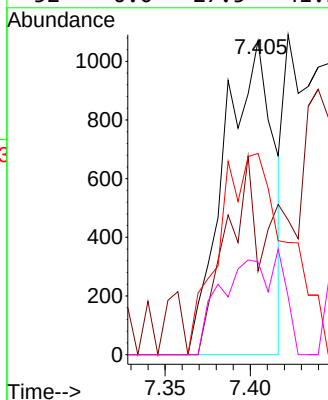
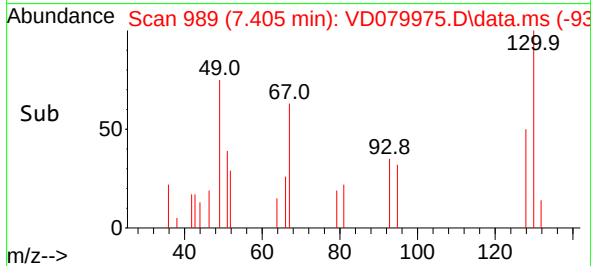
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 41 Resp: 2149
Ion Ratio Lower Upper
41 100
39 37.9 47.8 71.8
67 89.3 64.9 97.3
52 0.0 27.5 41.3#

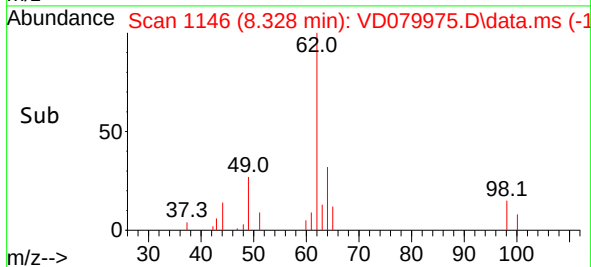
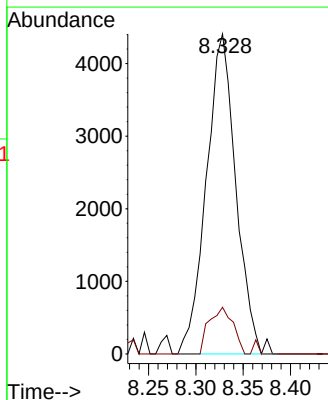
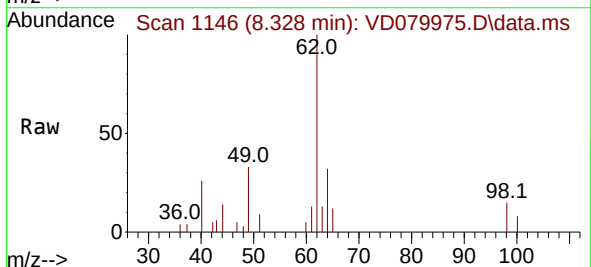
Manual Integrations
APPROVED

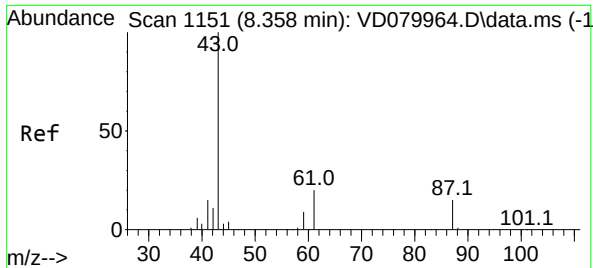
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#42
1,2-Dichloroethane
Concen: 4.977 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

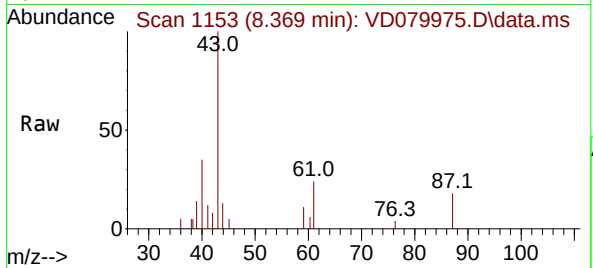
Tgt Ion: 62 Resp: 9582
Ion Ratio Lower Upper
62 100
98 11.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 4.253 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.012 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

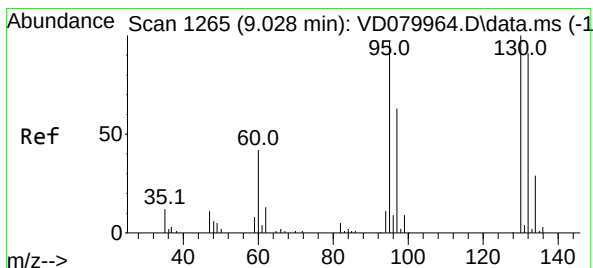
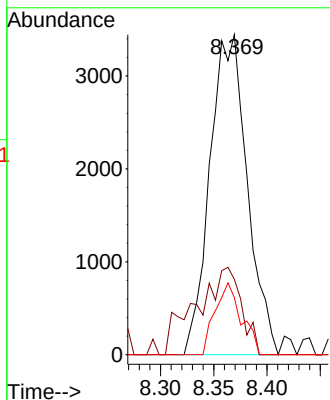
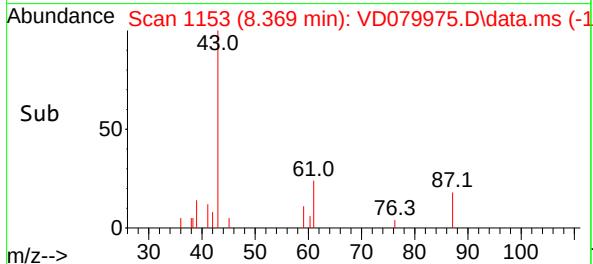
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
61 34.0 26.2 39.2
87 15.8 11.8 17.8

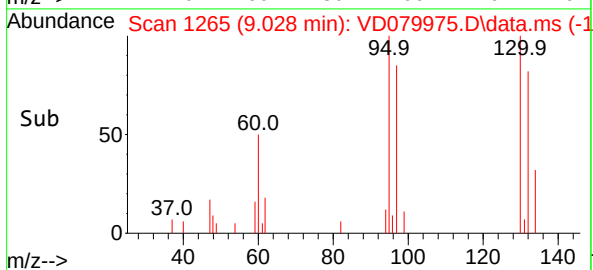
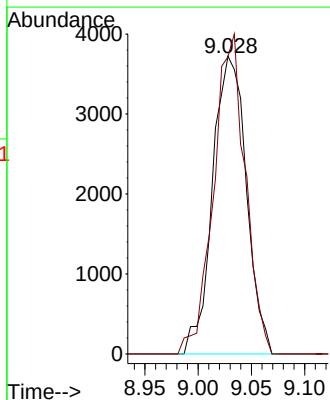
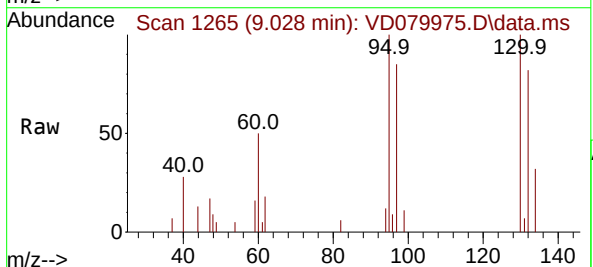
Manual Integrations
APPROVED

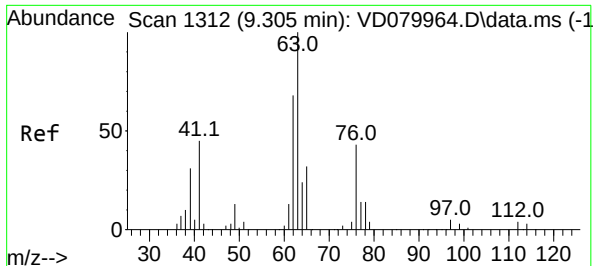
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#44
Trichloroethene
Concen: 4.743 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion:130 Resp: 8213
Ion Ratio Lower Upper
130 100
95 99.8 0.0 194.6





#45

1,2-Dichloropropane

Concen: 4.386 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 63 Resp: 778

Ion Ratio Lower Upper

63 100

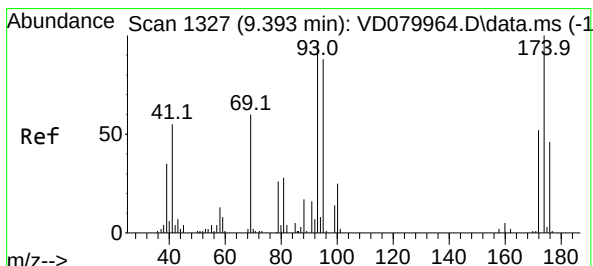
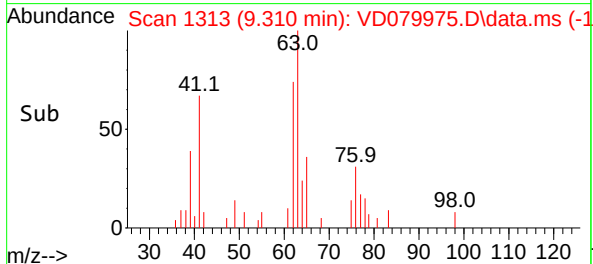
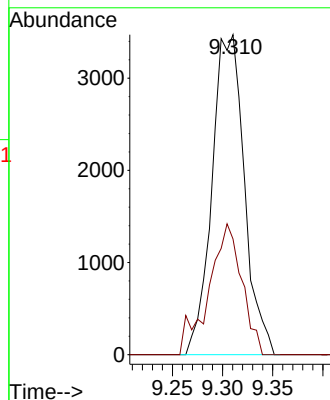
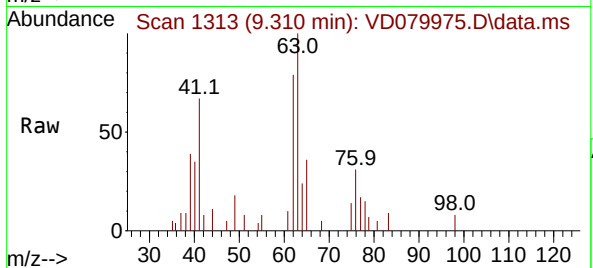
65 36.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#46

Dibromomethane

Concen: 4.378 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

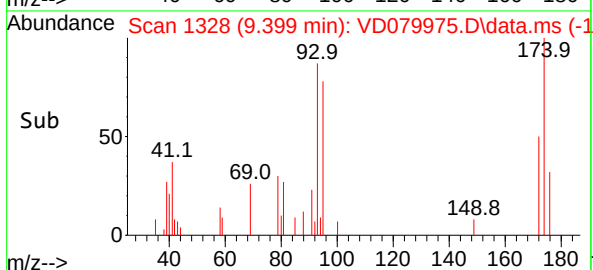
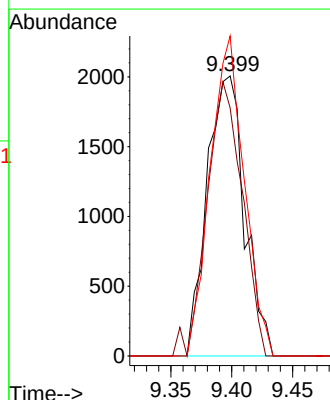
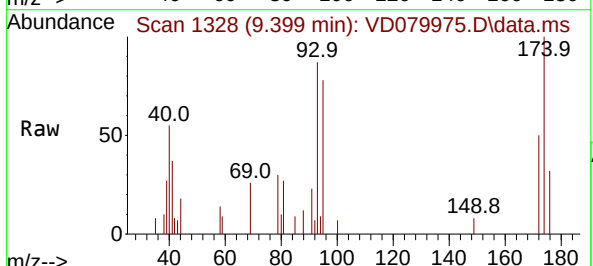
Tgt Ion: 93 Resp: 4288

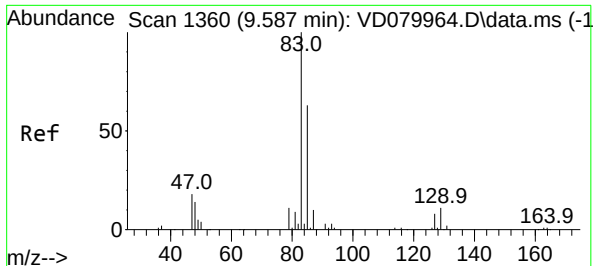
Ion Ratio Lower Upper

93 100

95 92.4 67.9 101.9

174 103.9 80.5 120.7





#47

Bromodichloromethane

Concen: 4.472 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD079975.D

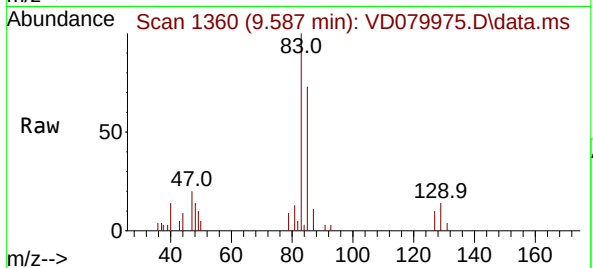
Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



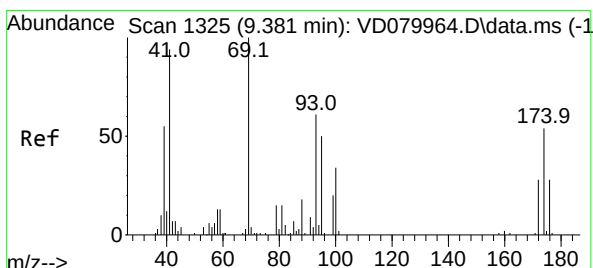
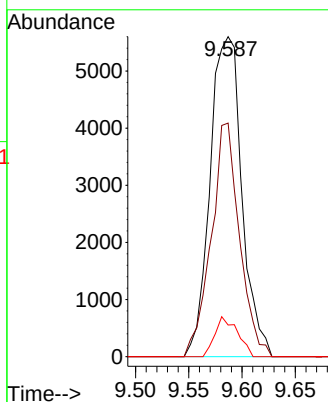
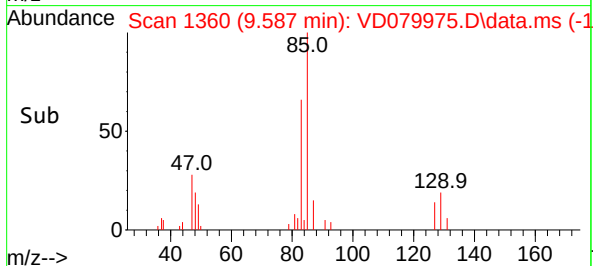
Tgt Ion:	83	Resp:	11610
Ion	Ratio	Lower	Upper
83	100		
85	73.0	50.6	75.8
127	9.9	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#48

Methyl methacrylate

Concen: 4.320 ug/l

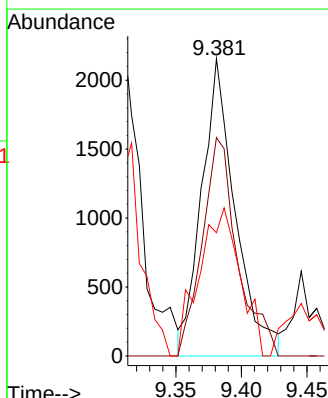
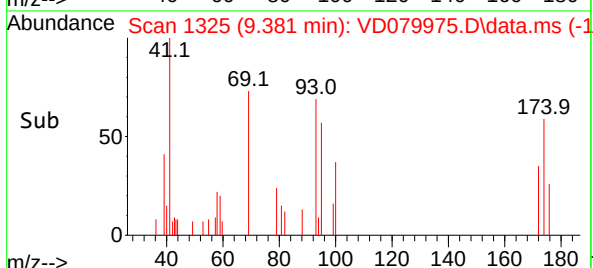
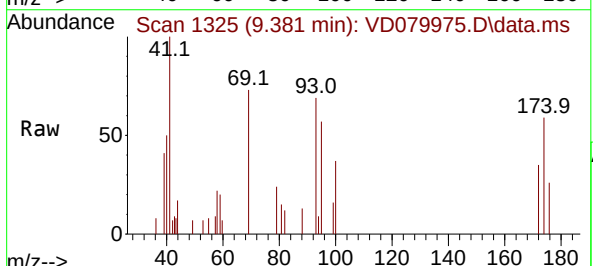
RT: 9.381 min Scan# 1325

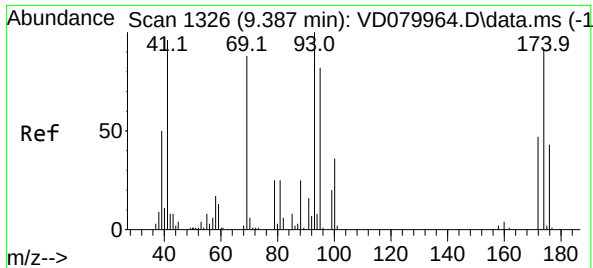
Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

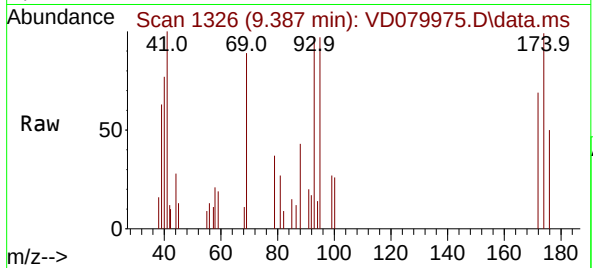
Tgt Ion:	41	Resp:	3842
Ion	Ratio	Lower	Upper
41	100		
69	76.9	74.0	111.0
39	60.5	41.9	62.9





#49
1,4-Dioxane
Concen: 99.519 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

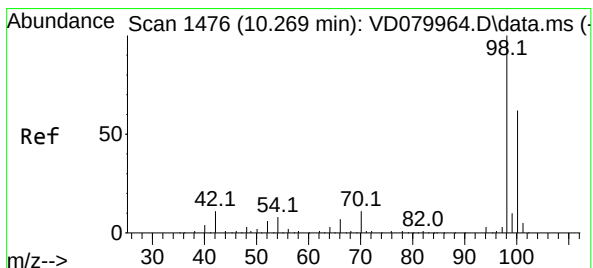
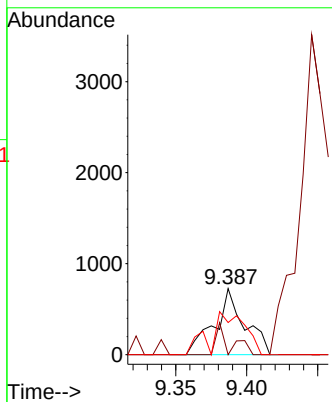
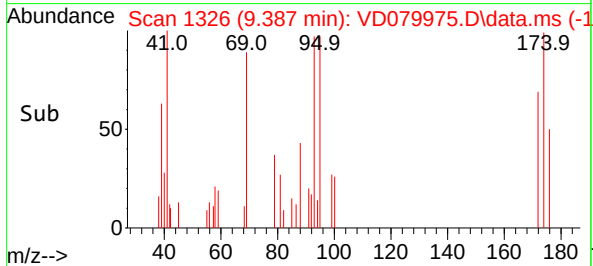
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
43 21.8 29.1 43.7
58 73.8 59.9 89.9

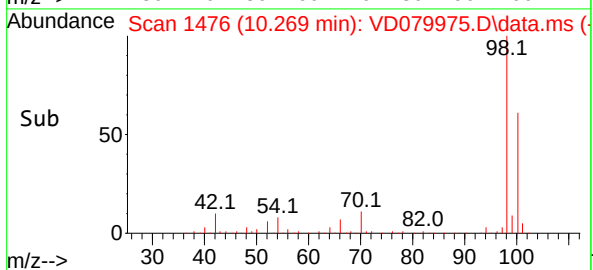
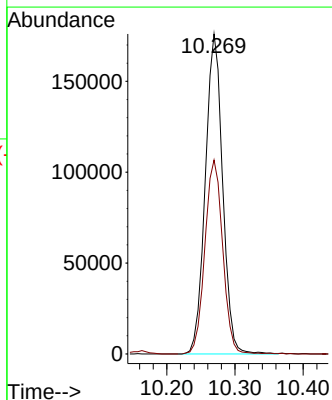
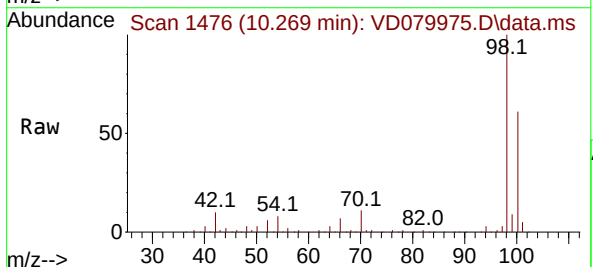
Manual Integrations
APPROVED

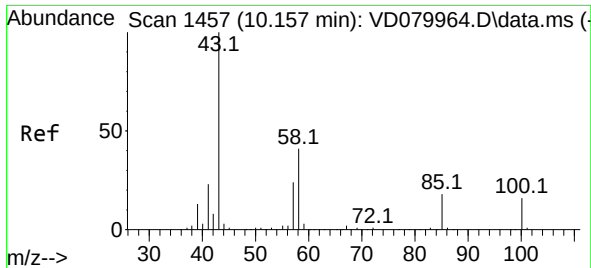
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#50
Toluene-d8
Concen: 52.925 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

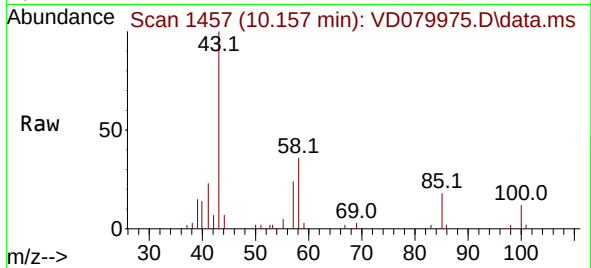
Tgt Ion: 98 Resp: 311487
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 18.743 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

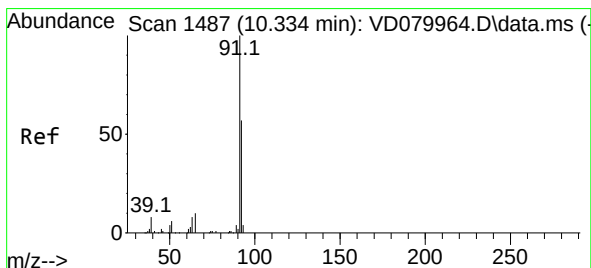
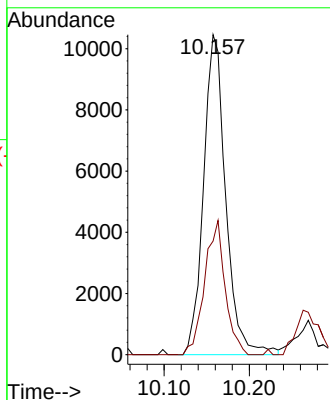
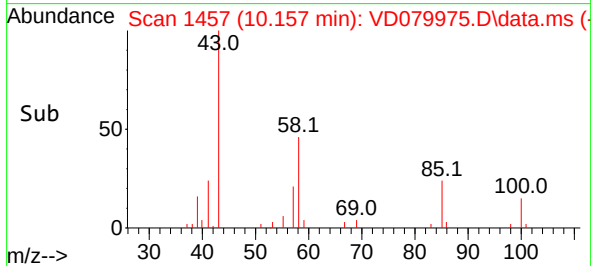
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 18932
Ion Ratio Lower Upper
43 100
58 38.8 32.8 49.2

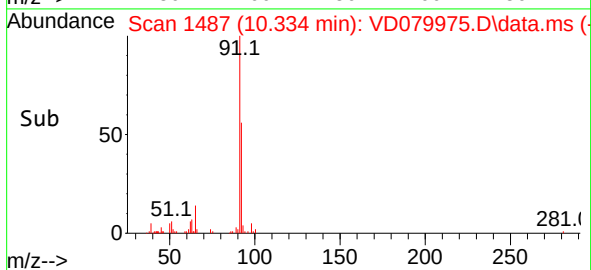
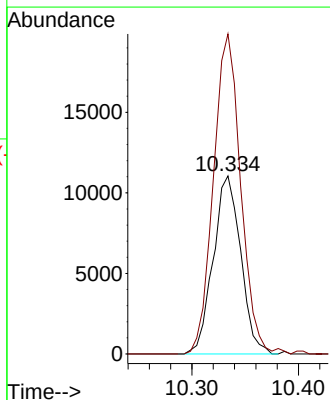
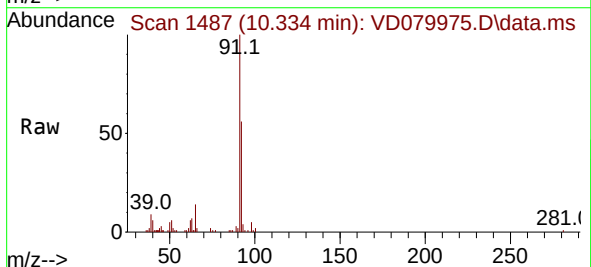
Manual Integrations
APPROVED

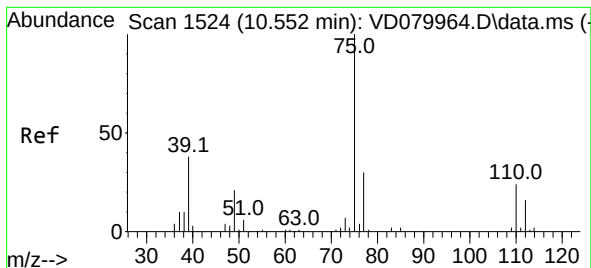
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#52
Toluene
Concen: 4.619 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

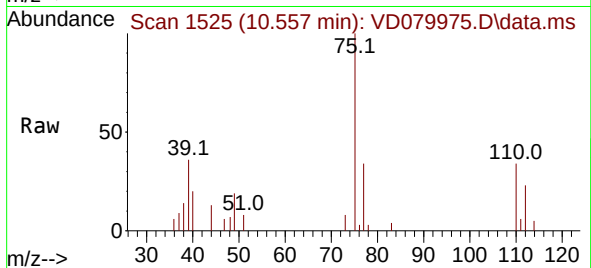
Tgt Ion: 92 Resp: 19798
Ion Ratio Lower Upper
92 100
91 178.3 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 3.963 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

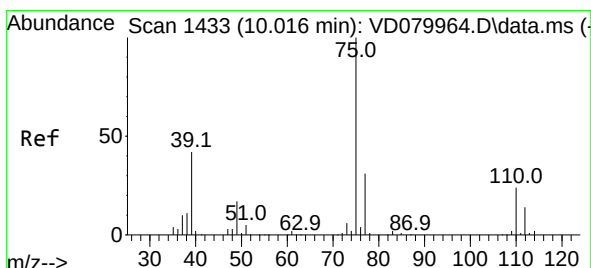
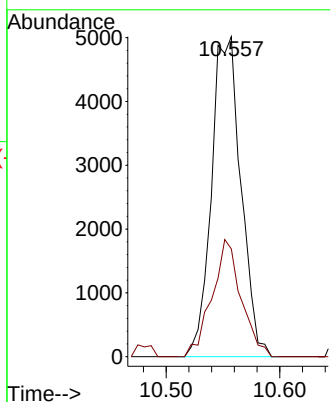
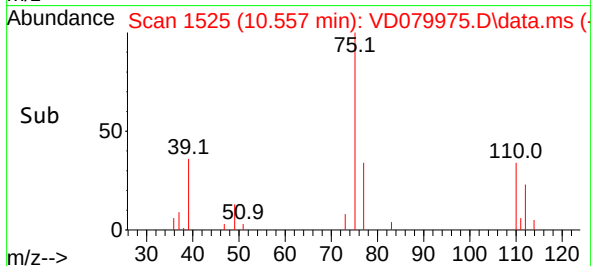
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 75 Resp: 901
Ion Ratio Lower Upper
75 100
77 33.7 24.1 36.1

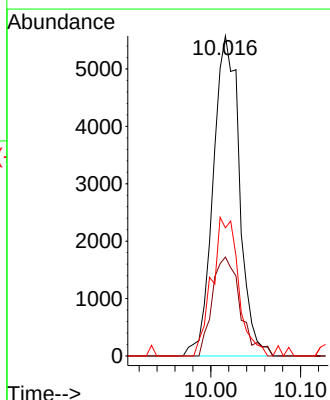
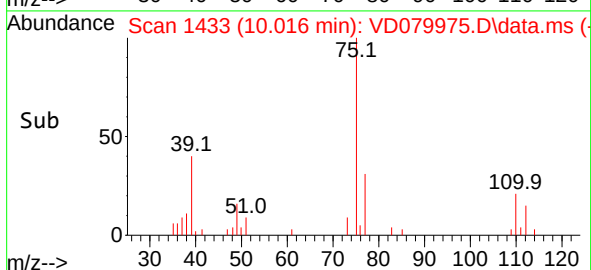
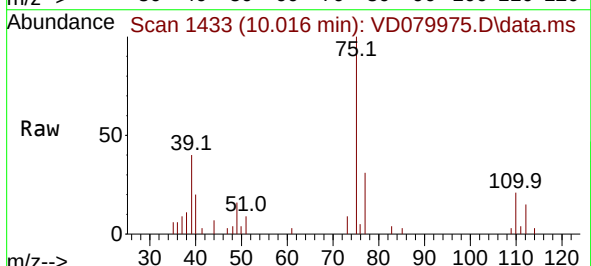
Manual Integrations
APPROVED

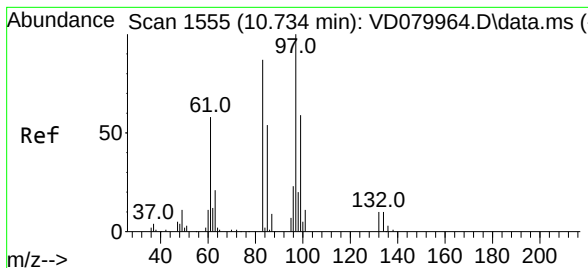
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#54
cis-1,3-Dichloropropene
Concen: 4.228 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

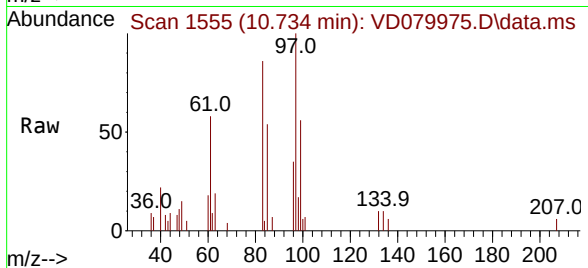
Tgt Ion: 75 Resp: 11348
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 40.1 33.2 49.8





#55
1,1,2-Trichloroethane
Concen: 4.403 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

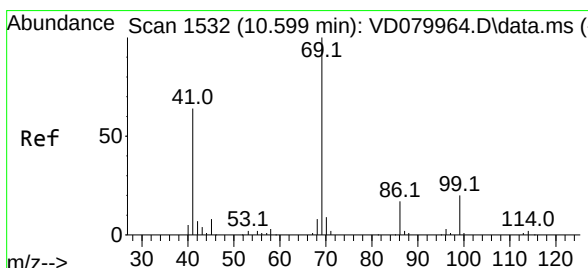
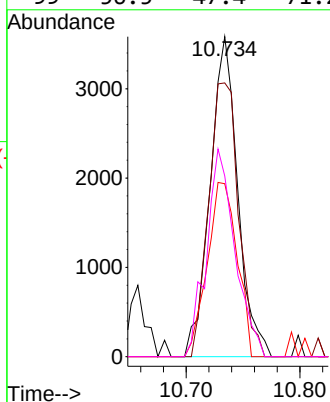
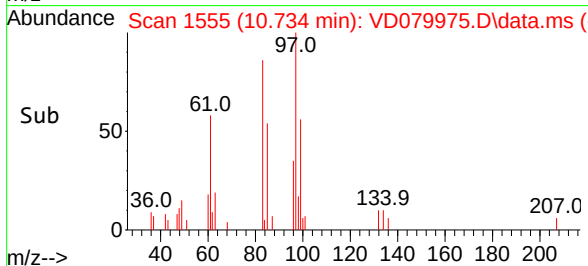
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 97	Resp: 605
Ion Ratio	Lower Upper
97 100	
83 85.6	69.2 103.8
85 54.1	43.0 64.6
99 56.5	47.4 71.2

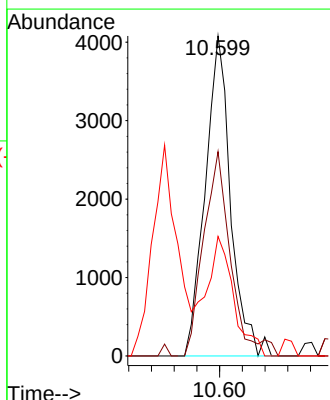
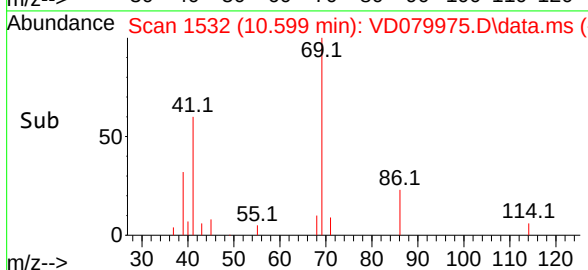
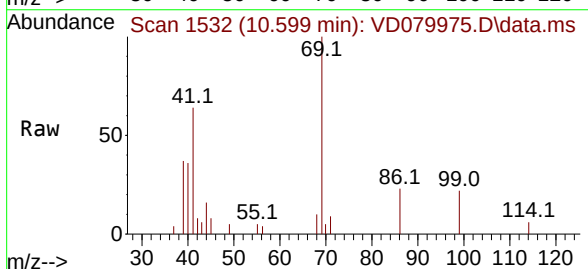
Manual Integrations
APPROVED

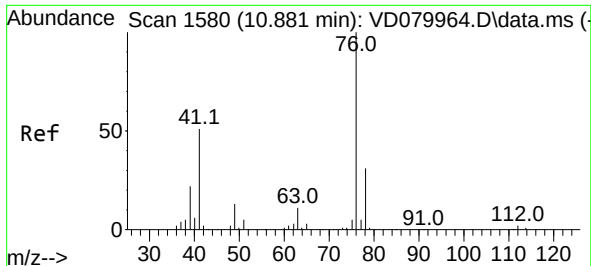
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#56
Ethyl methacrylate
Concen: 3.942 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

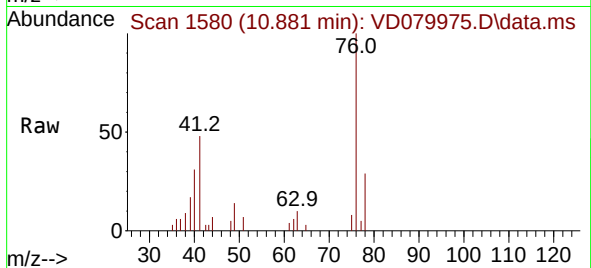
Tgt Ion: 69	Resp: 6336
Ion Ratio	Lower Upper
69 100	
41 68.0	50.4 75.6
39 37.1	26.0 39.0





#57
1,3-Dichloropropane
Concen: 4.476 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

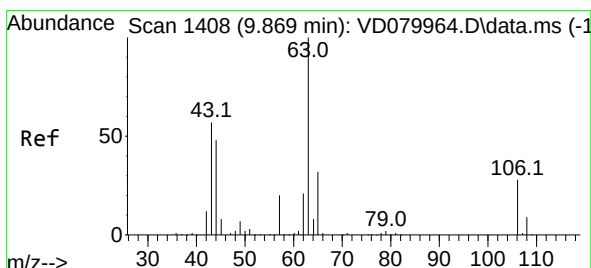
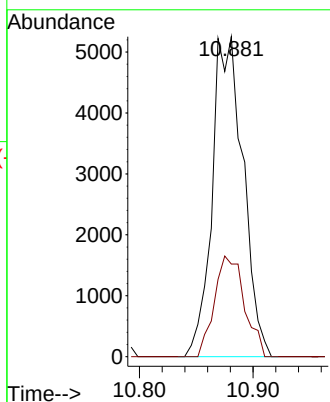
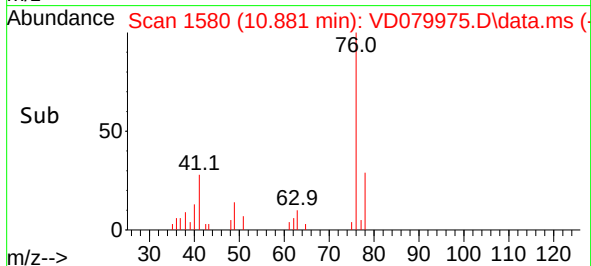
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 76 Resp: 993
Ion Ratio Lower Upper
76 100
78 30.4 25.4 38.2

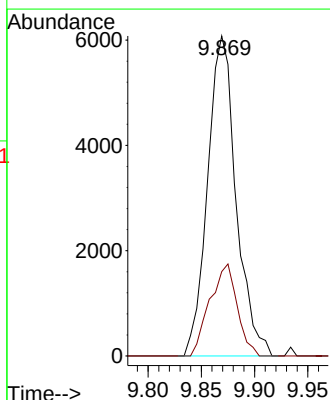
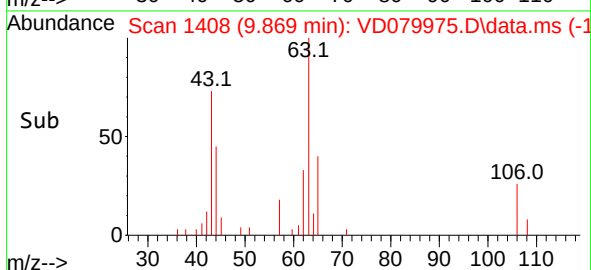
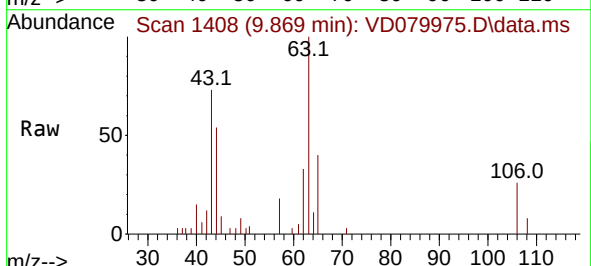
Manual Integrations
APPROVED

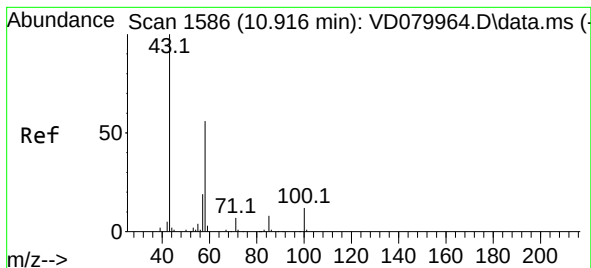
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 19.026 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

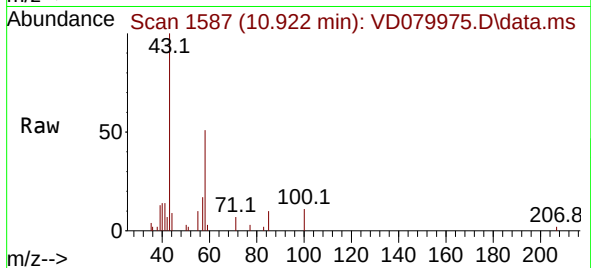
Tgt Ion: 63 Resp: 11315
Ion Ratio Lower Upper
63 100
106 27.5 21.8 32.6





#59
2-Hexanone
Concen: 18.339 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

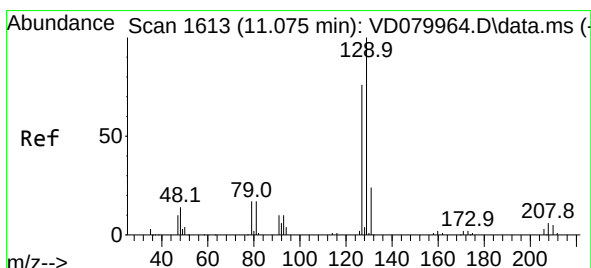
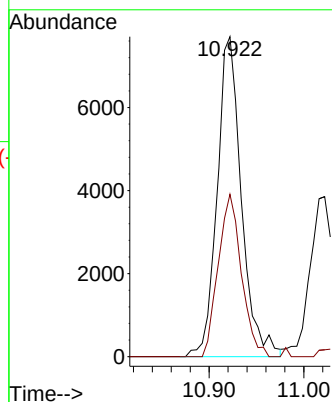
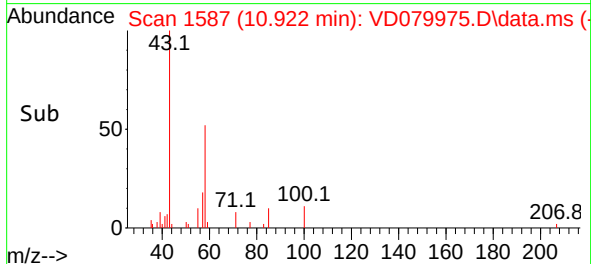
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 43 Resp: 13719
Ion Ratio Lower Upper
43 100
58 48.5 27.8 83.4

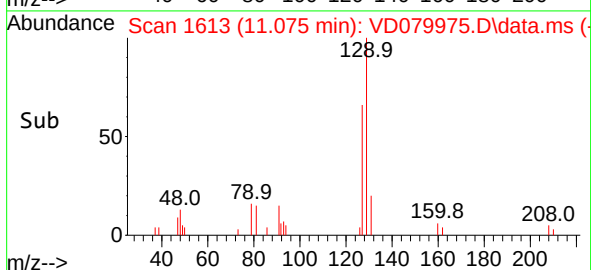
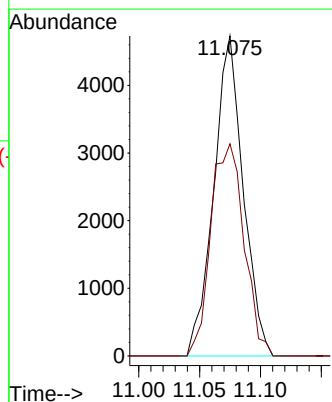
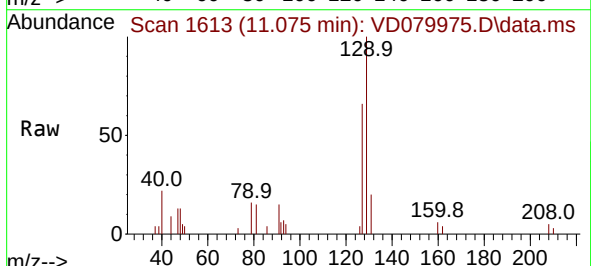
Manual Integrations
APPROVED

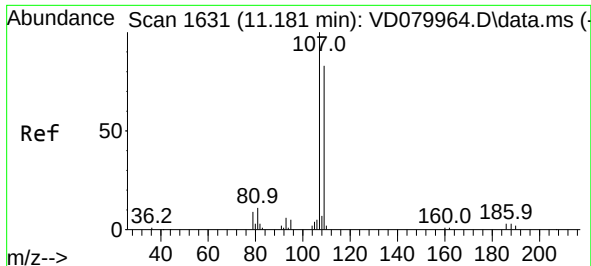
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#60
Dibromochloromethane
Concen: 4.454 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

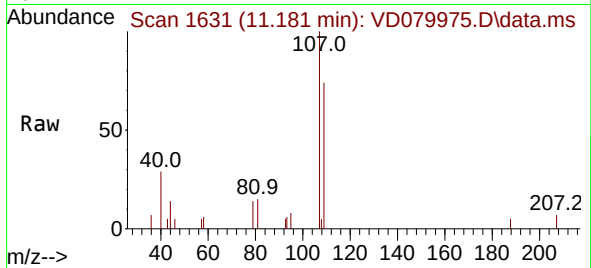
Tgt Ion:129 Resp: 7961
Ion Ratio Lower Upper
129 100
127 74.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 4.696 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

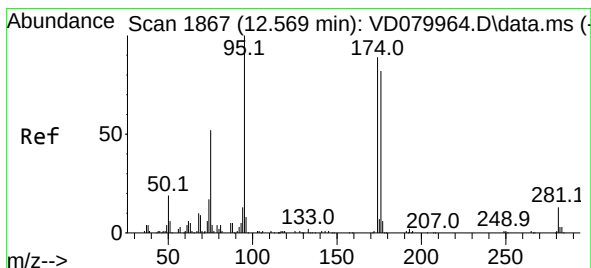
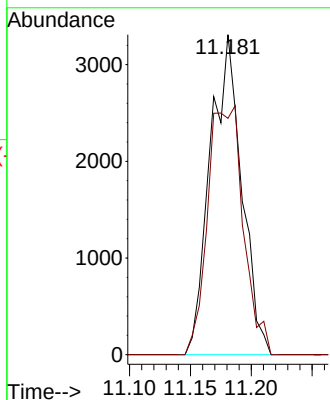
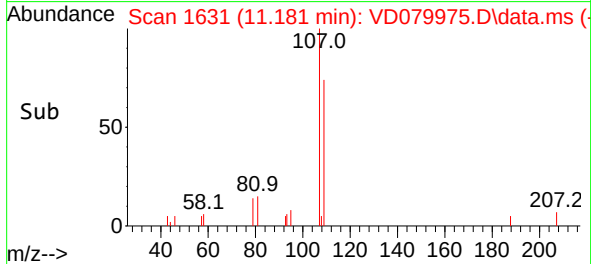
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



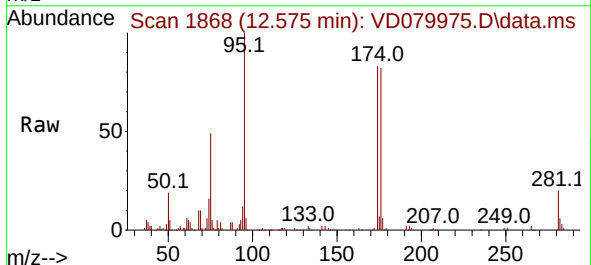
Tgt Ion:107 Resp: 5940
Ion Ratio Lower Upper
107 100
109 88.0 73.9 110.9

Manual Integrations
APPROVED

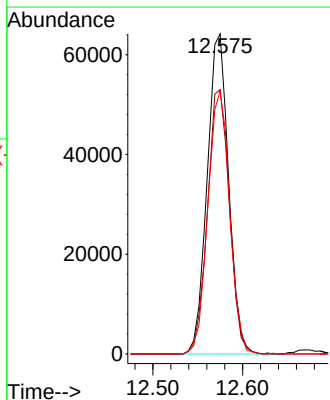
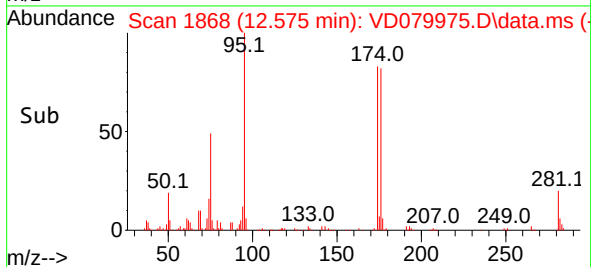
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

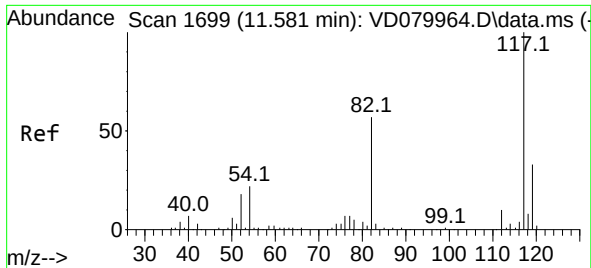


#62
4-Bromofluorobenzene
Concen: 51.887 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



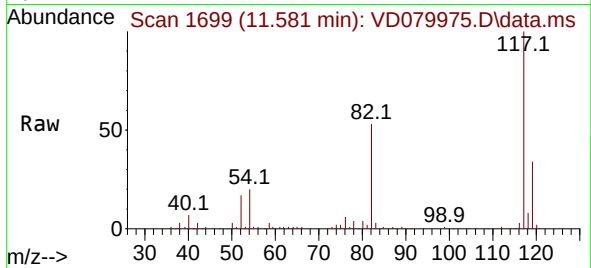
Tgt Ion: 95 Resp: 106602
Ion Ratio Lower Upper
95 100
174 84.3 0.0 173.4
176 83.2 0.0 166.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

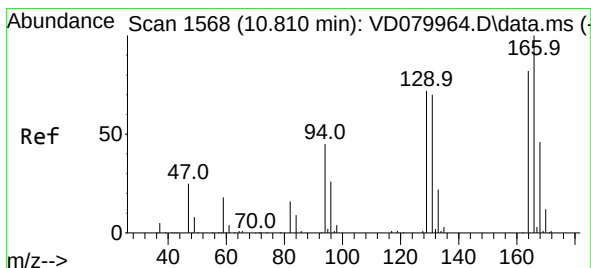
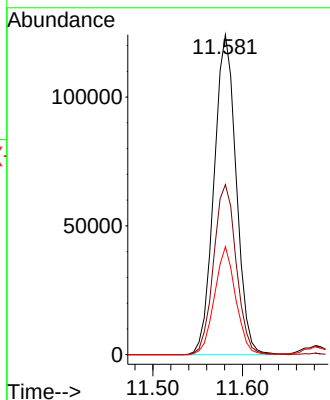
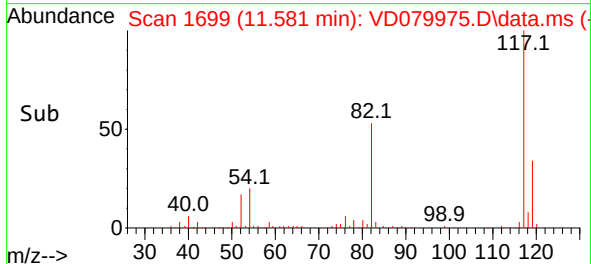
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:117 Resp: 21331
Ion Ratio Lower Upper
117 100
82 53.2 45.8 68.6
119 33.7 26.2 39.2

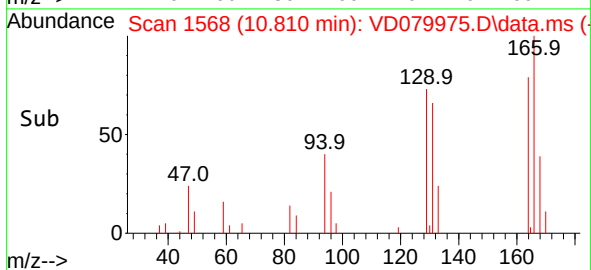
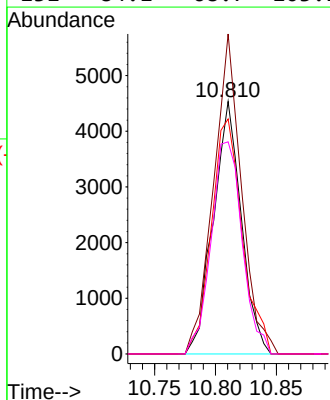
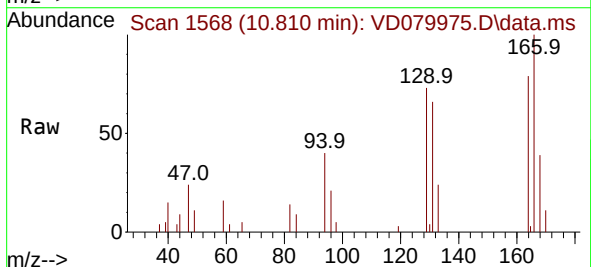
Manual Integrations
APPROVED

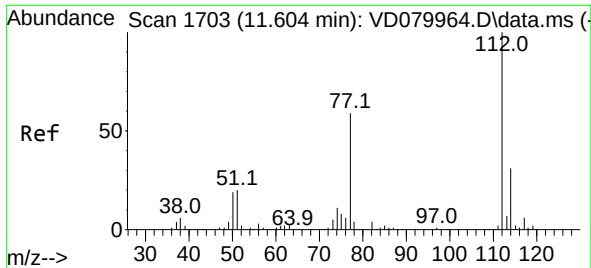
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#64
Tetrachloroethene
Concen: 4.835 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion:164 Resp: 7275
Ion Ratio Lower Upper
164 100
166 126.8 97.5 146.3
129 93.1 70.6 106.0
131 84.1 68.7 103.1





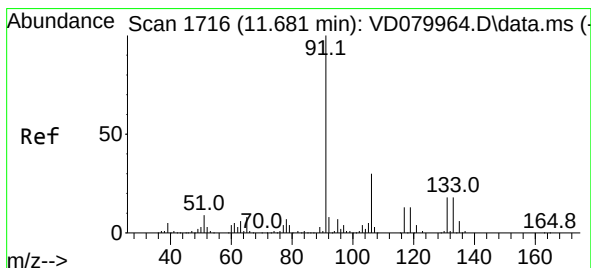
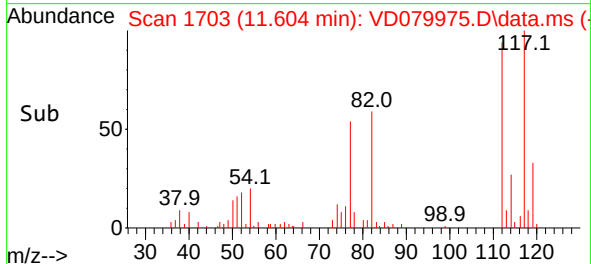
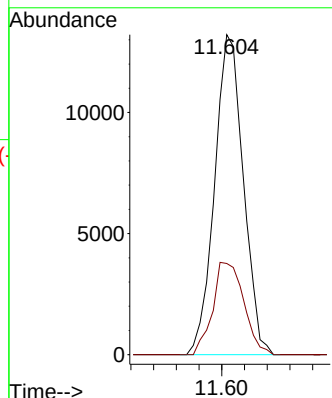
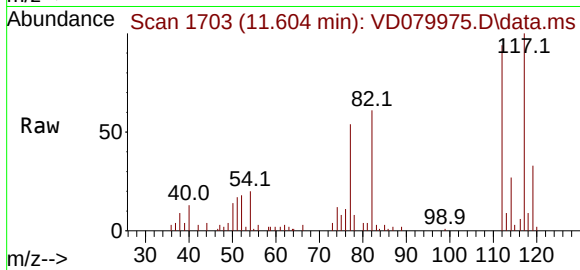
#65
Chlorobenzene
Concen: 4.677 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion:112 Resp: 23219
Ion Ratio Lower Upper
112 100
114 28.5 24.6 37.0

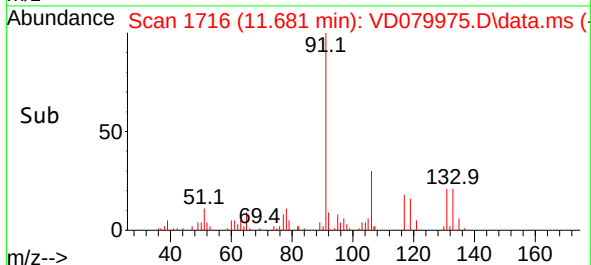
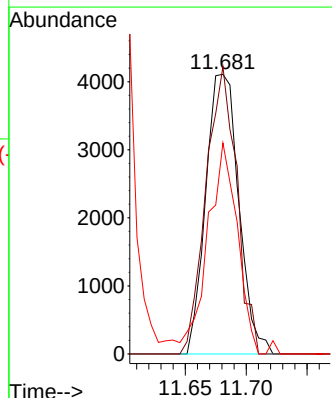
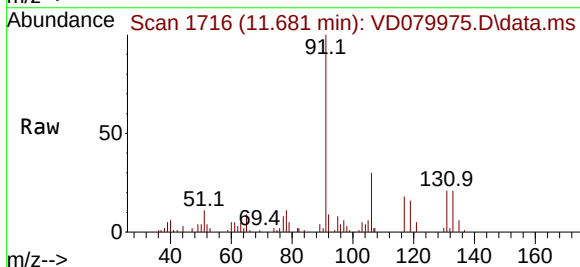
Manual Integrations
APPROVED

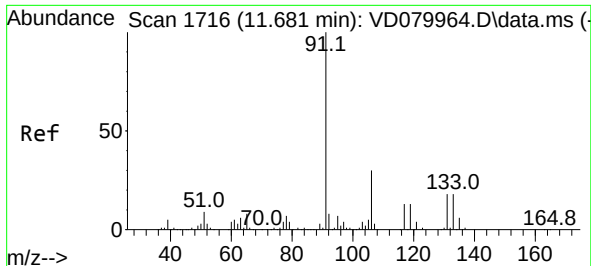
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.346 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

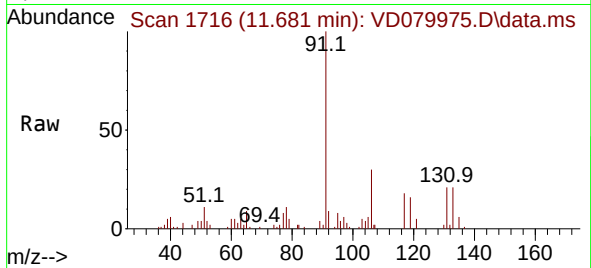
Tgt Ion:131 Resp: 7750
Ion Ratio Lower Upper
131 100
133 95.4 48.8 146.4
119 69.0 34.8 104.3





#67
Ethyl Benzene
Concen: 4.013 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

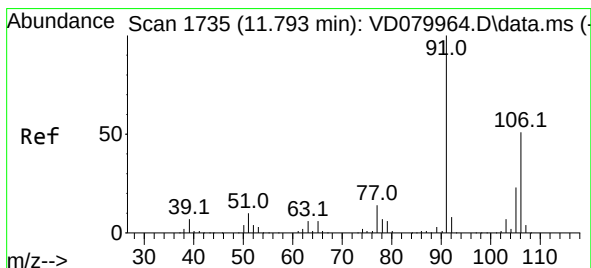
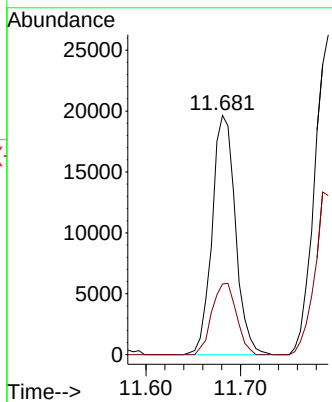
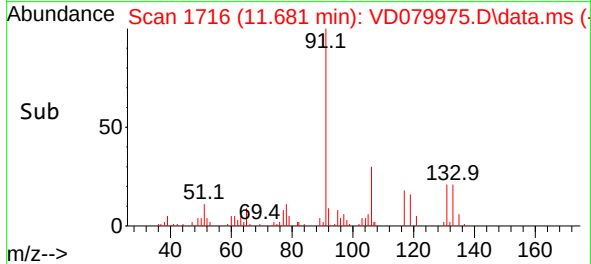
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



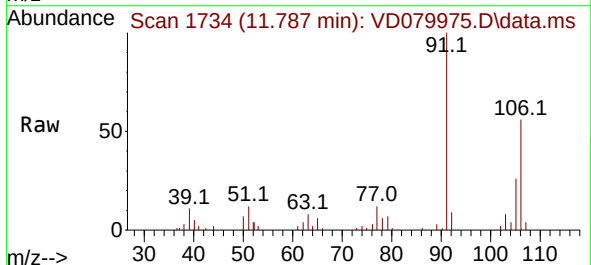
Tgt Ion: 91 Resp: 33690
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

Manual Integrations
APPROVED

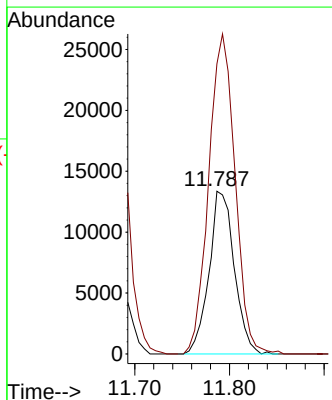
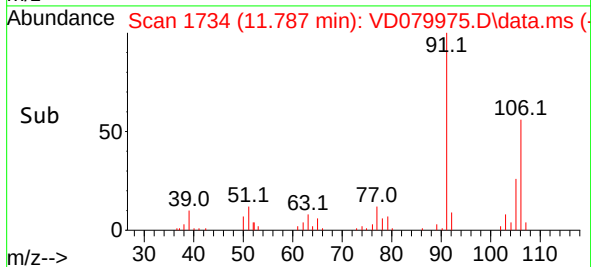
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

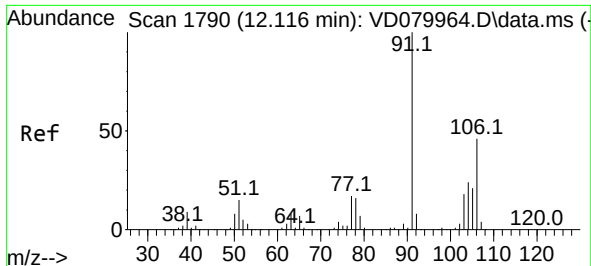


#68
m/p-Xylenes
Concen: 7.674 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



Tgt Ion:106 Resp: 24730
Ion Ratio Lower Upper
106 100
91 205.3 162.6 244.0





#69

o-Xylene

Concen: 4.078 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:106 Resp: 1215

Ion Ratio Lower Upper

106 100

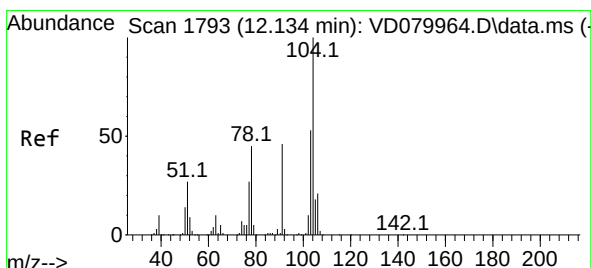
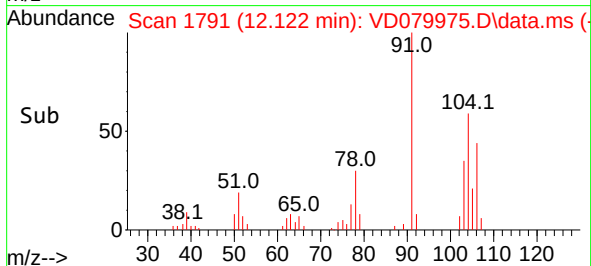
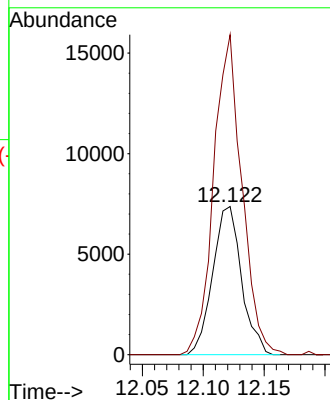
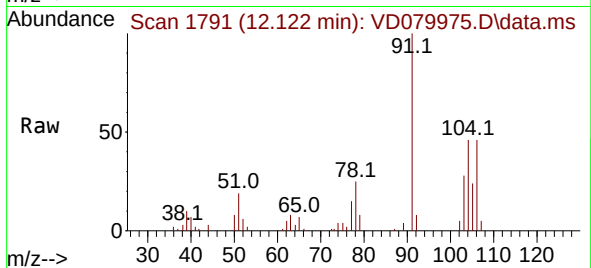
91 211.5 110.5 331.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#70

Styrene

Concen: 3.888 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

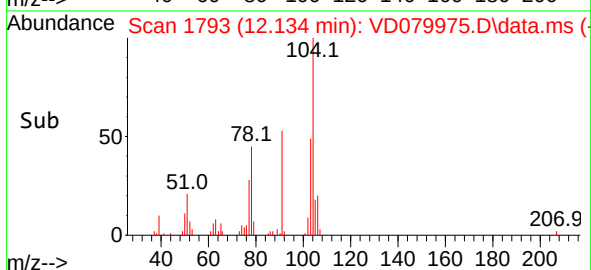
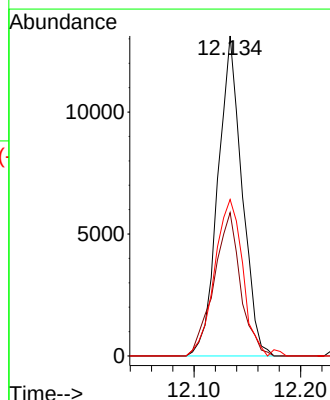
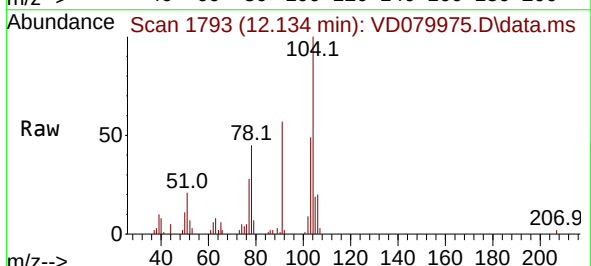
Tgt Ion:104 Resp: 20626

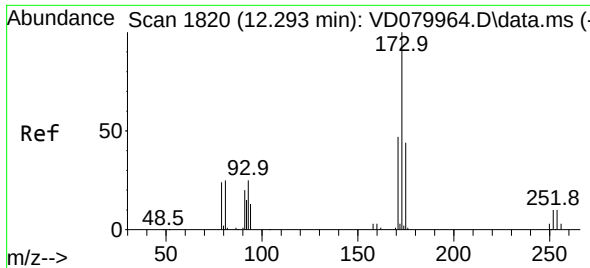
Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.8

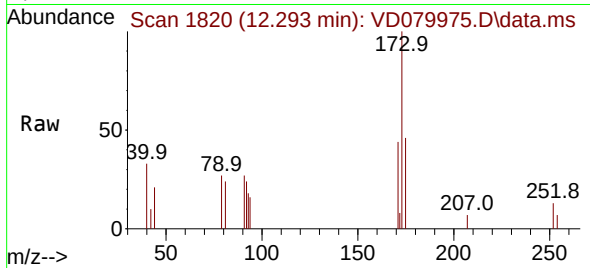
103 56.6 45.2 67.8





#71
Bromoform
Concen: 4.069 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

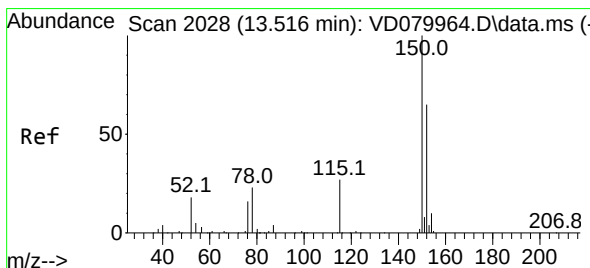
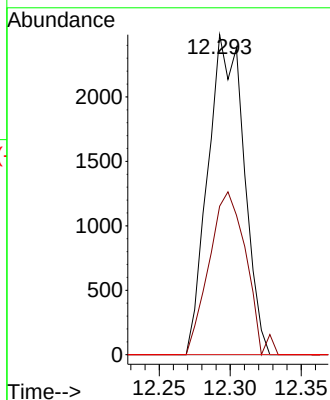
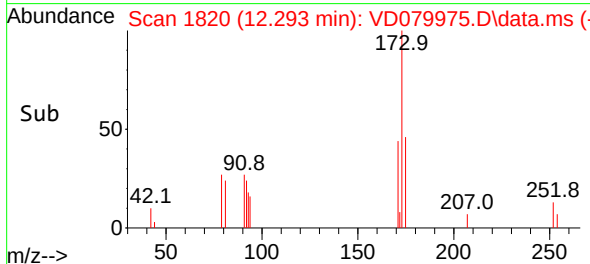
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



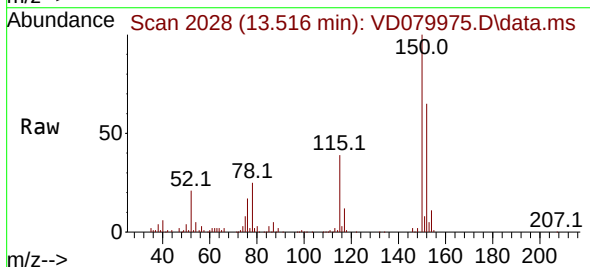
Tgt Ion:173 Resp: 4364
Ion Ratio Lower Upper
173 100
175 52.4 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

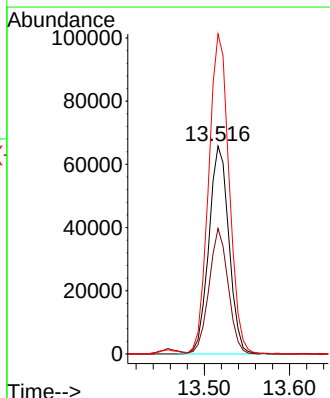
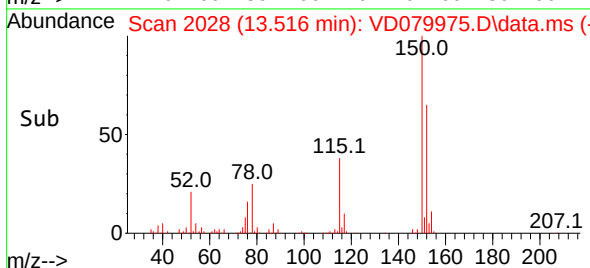
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

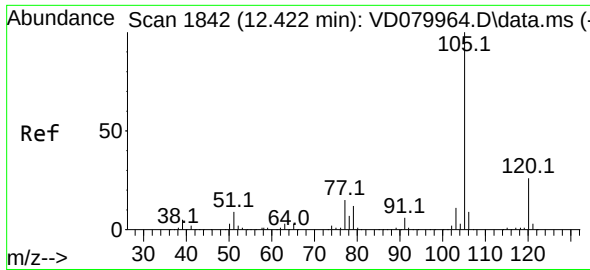


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



Tgt Ion:152 Resp: 107366
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 157.3 0.0 354.8





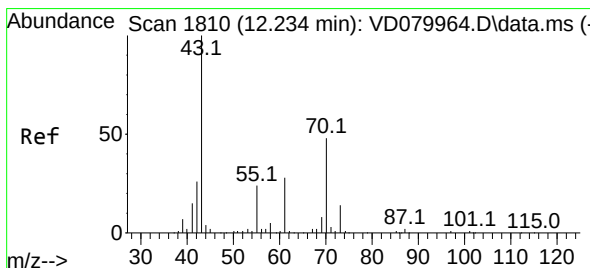
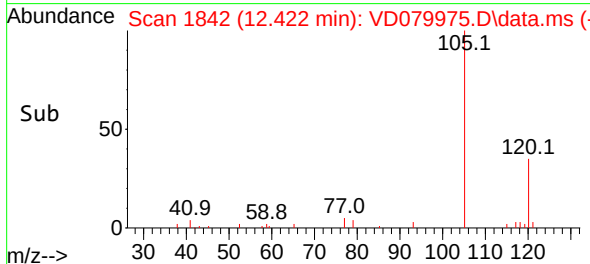
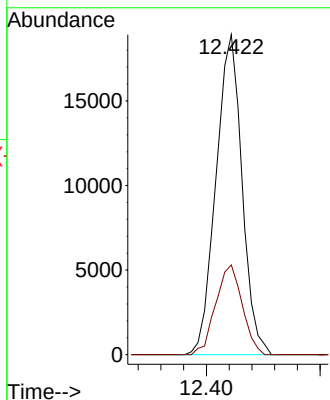
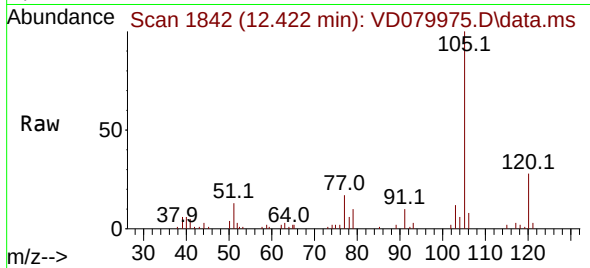
#73
Isopropylbenzene
Concen: 4.124 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion:105 Resp: 30120
Ion Ratio Lower Upper
105 100
120 28.6 13.3 39.9

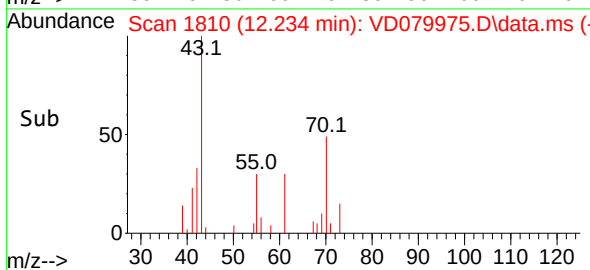
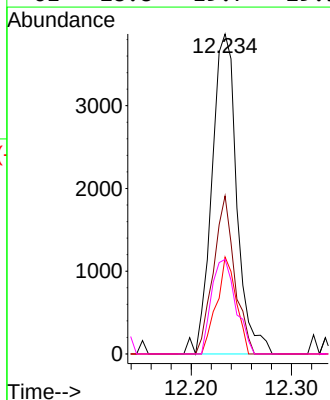
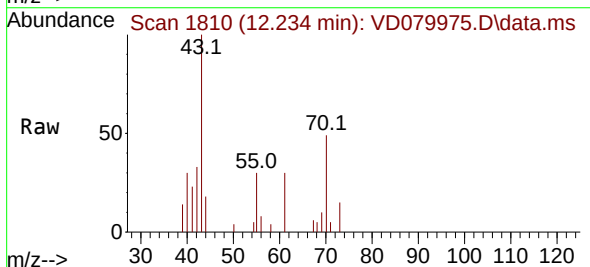
Manual Integrations
APPROVED

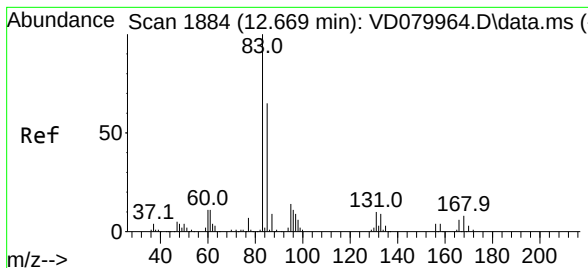
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#74
N-ethyl acetate
Concen: 3.780 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
70 42.1 36.3 54.5
55 23.8 20.3 30.5
61 28.8 19.7 29.5





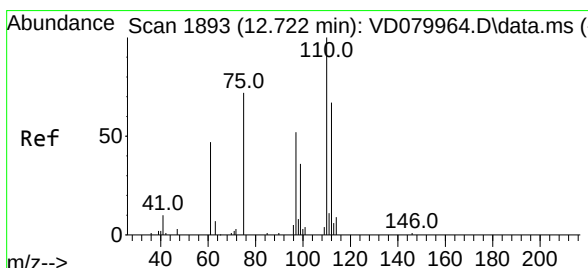
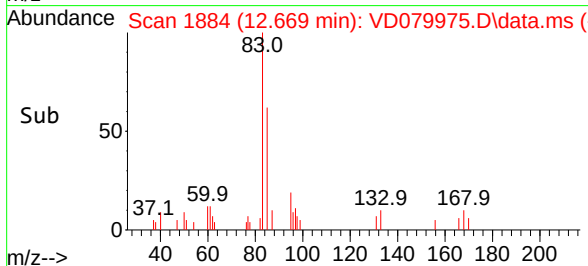
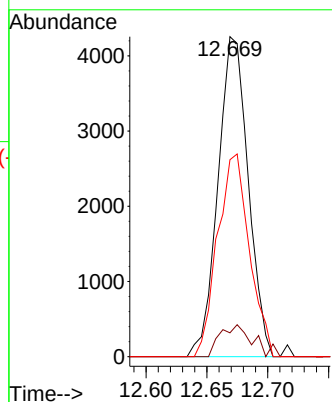
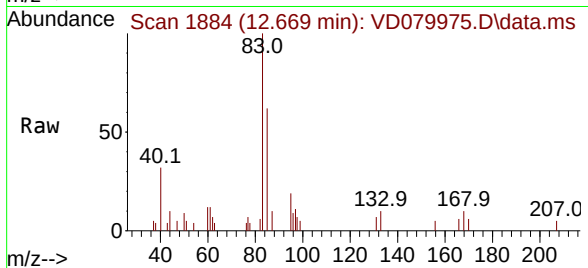
#75
1,1,2,2-Tetrachloroethane
Concen: 4.966 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 83 Resp: 7354
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 66.6 32.9 98.6

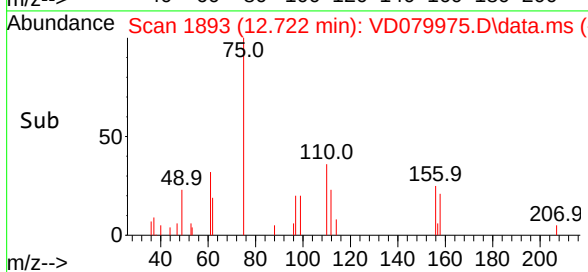
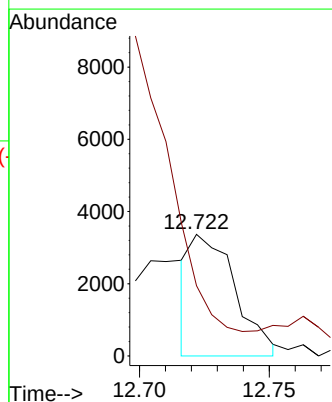
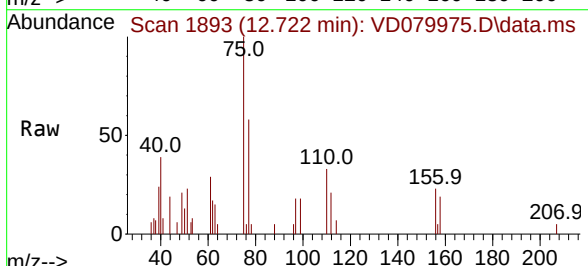
Manual Integrations
APPROVED

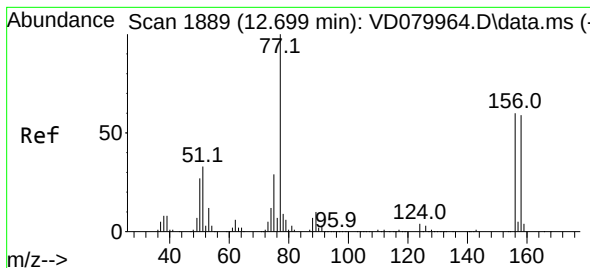
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#76
1,2,3-Trichloropropane
Concen: 3.411 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion: 75 Resp: 4040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.896 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

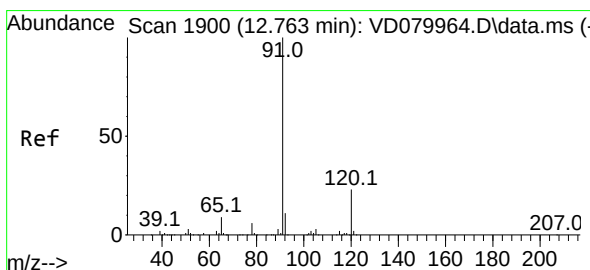
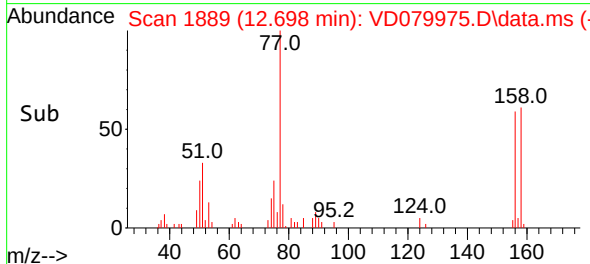
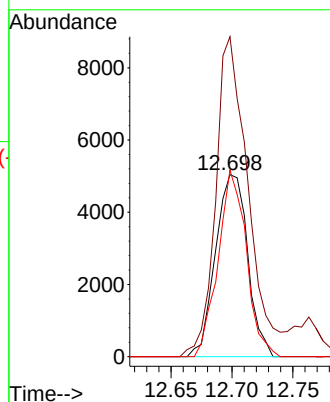
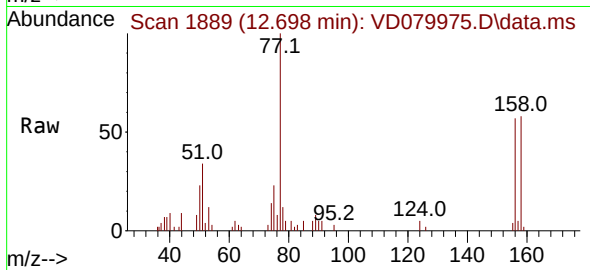
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:	156	Resp:	925
Ion Ratio	Lower	Upper	
156	100		
77	175.4	89.8	269.6
158	89.8	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: 4.332 ug/l

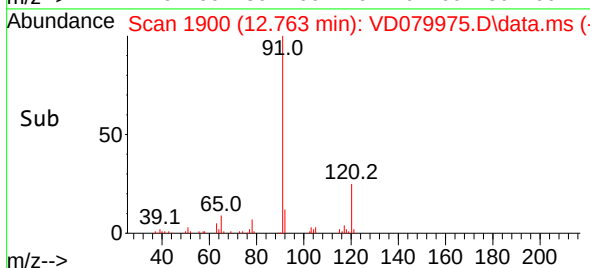
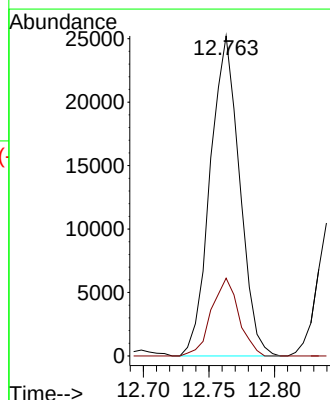
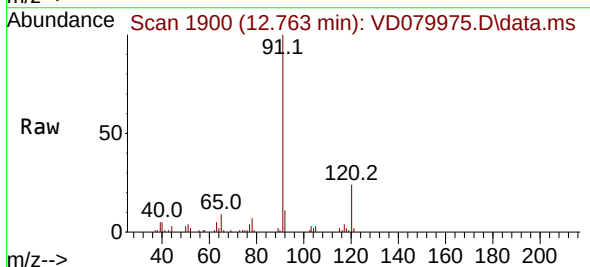
RT: 12.763 min Scan# 1900

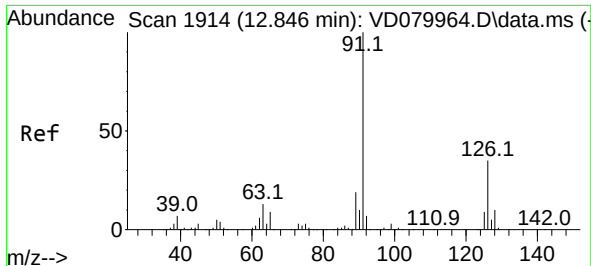
Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Tgt Ion:	91	Resp:	39333
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.2	33.5





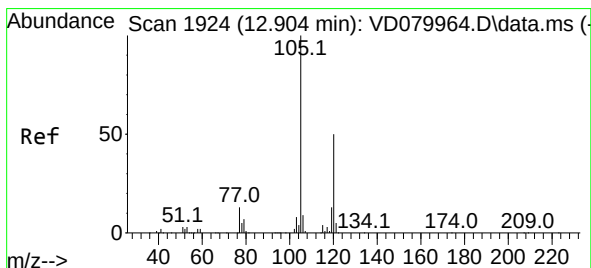
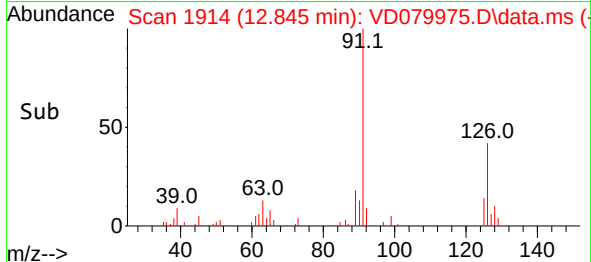
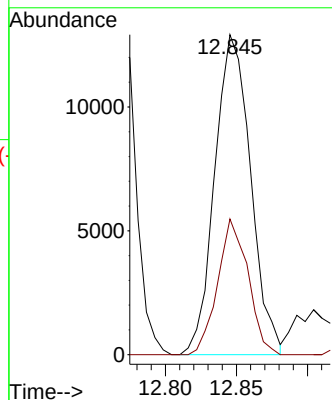
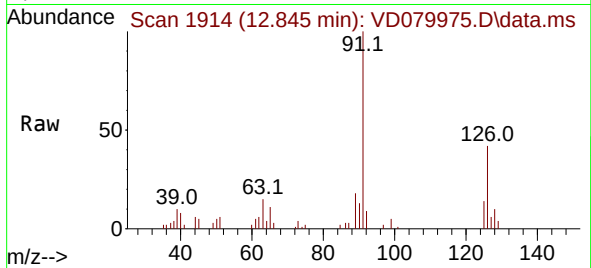
#79
2-Chlorotoluene
Concen: 4.306 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 91 Resp: 22719
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.5

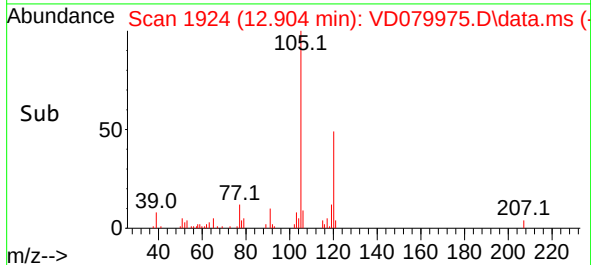
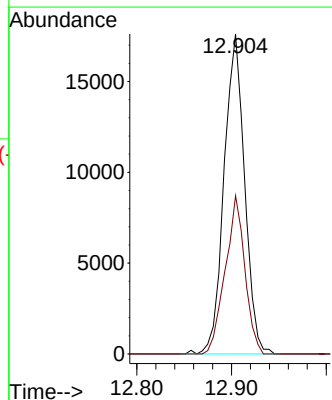
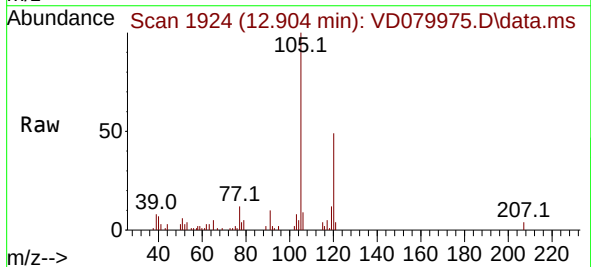
Manual Integrations
APPROVED

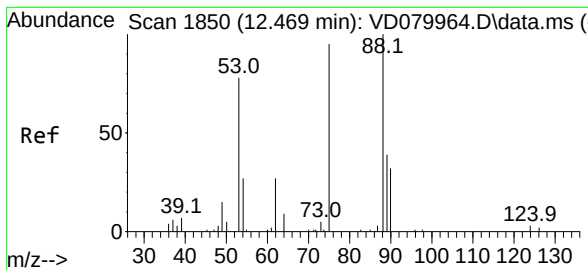
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.307 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

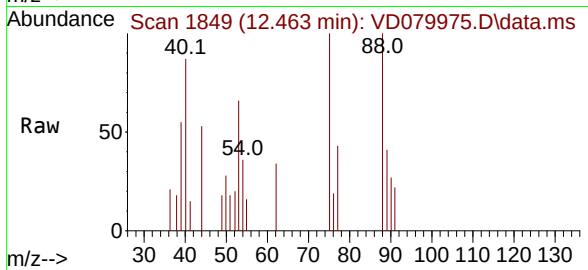
Tgt Ion:105 Resp: 26513
Ion Ratio Lower Upper
105 100
120 47.2 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.977 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

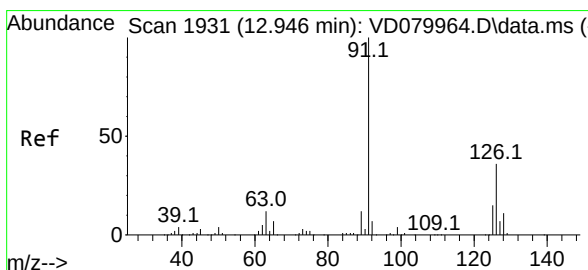
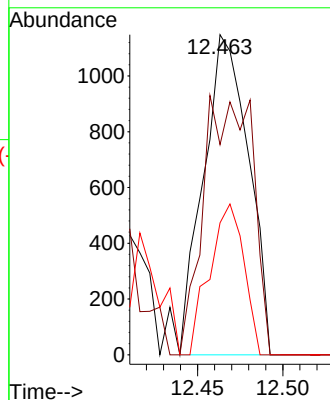
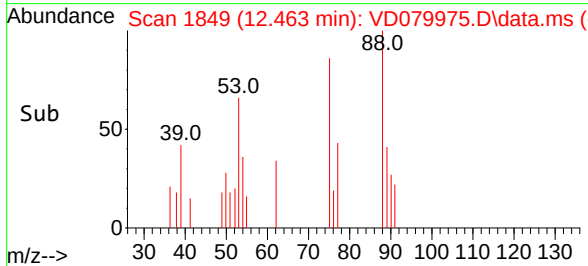
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
53 88.1 68.7 103.1
89 36.0 36.1 54.1

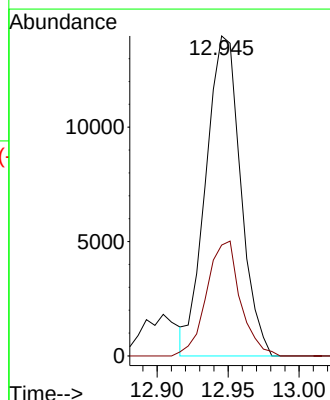
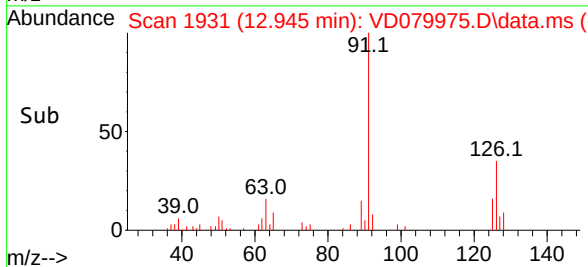
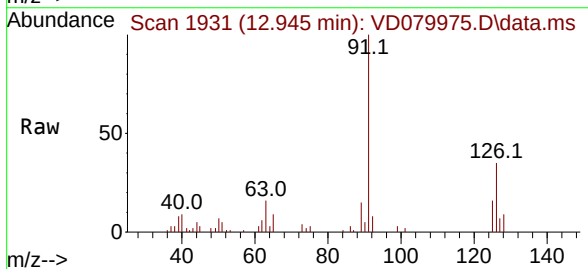
Manual Integrations
APPROVED

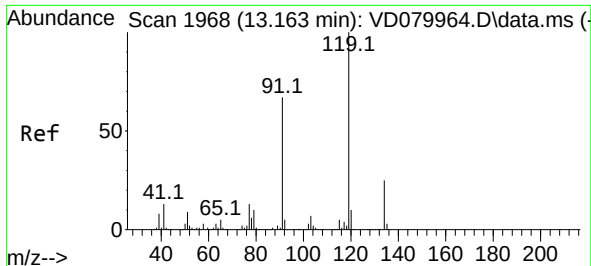
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#82
4-Chlorotoluene
Concen: 4.209 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

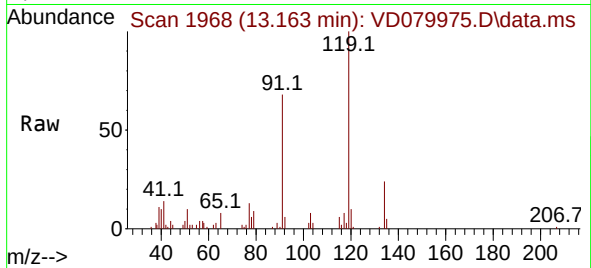
Tgt Ion: 91 Resp: 23856
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3





#83
tert-Butylbenzene
Concen: 4.035 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

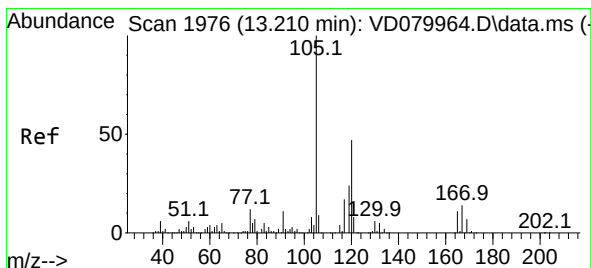
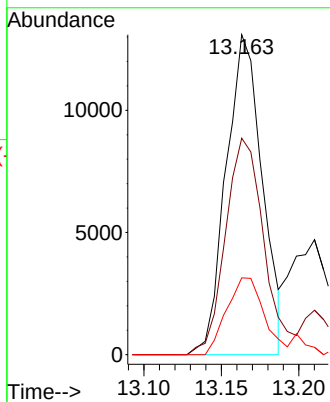
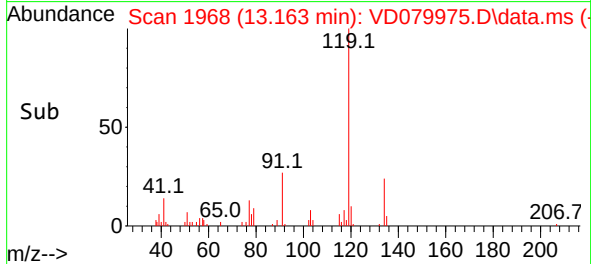
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



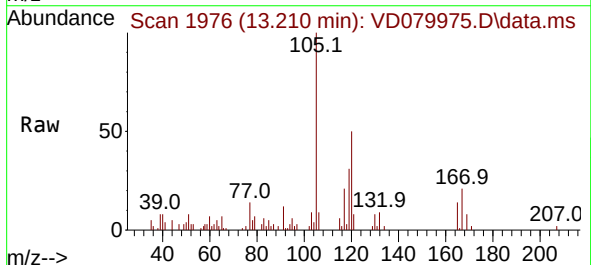
Tgt Ion:119 Resp: 21288
Ion Ratio Lower Upper
119 100
91 72.0 33.3 99.9
134 24.8 13.5 40.5

Manual Integrations
APPROVED

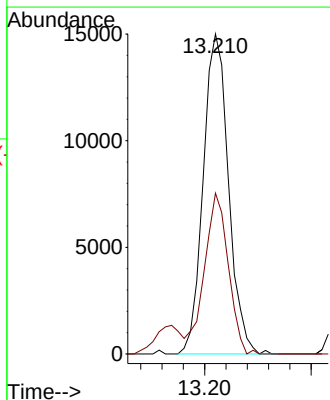
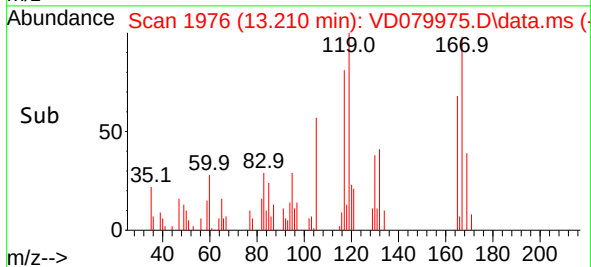
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

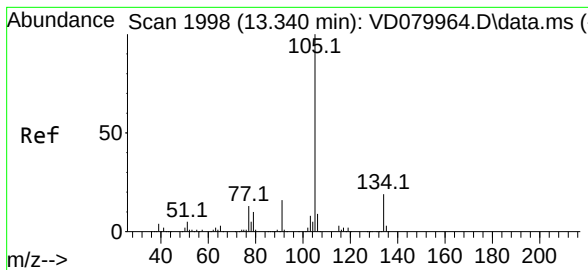


#84
1,2,4-Trimethylbenzene
Concen: 4.006 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



Tgt Ion:105 Resp: 24761
Ion Ratio Lower Upper
105 100
120 47.4 22.8 68.4





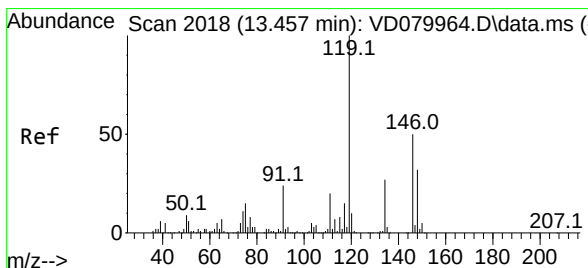
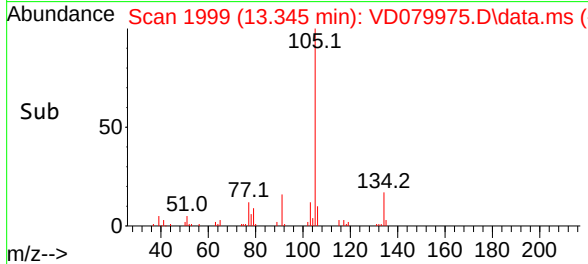
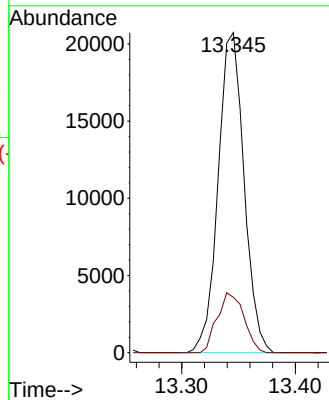
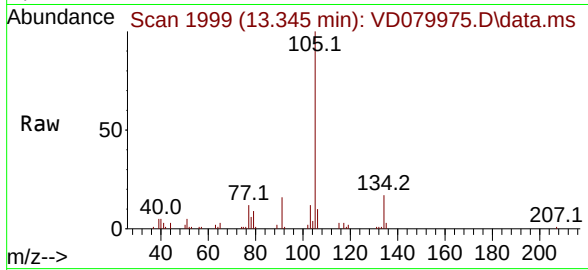
#85
 sec-Butylbenzene
 Concen: 4.052 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD079975.D
 Acq: 14 Oct 2024 13:21

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

Tgt Ion:105 Resp: 3285
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

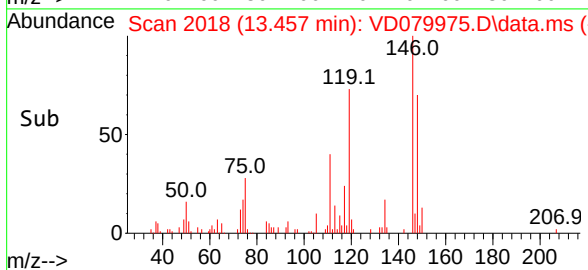
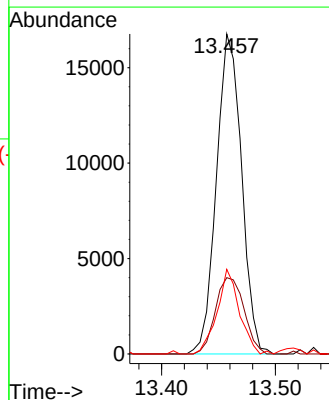
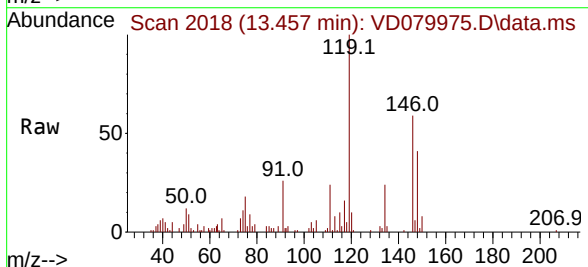
Manual Integrations
 APPROVED

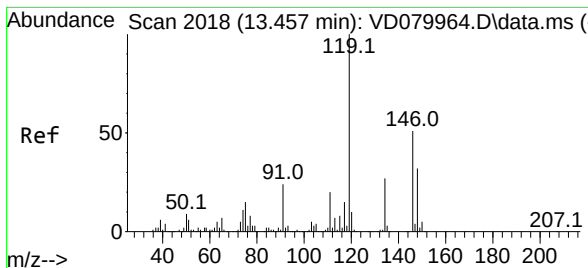
Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024



#86
 p-Isopropyltoluene
 Concen: 3.810 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079975.D
 Acq: 14 Oct 2024 13:21

Tgt Ion:119 Resp: 25773
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.1
 91 23.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 4.501 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

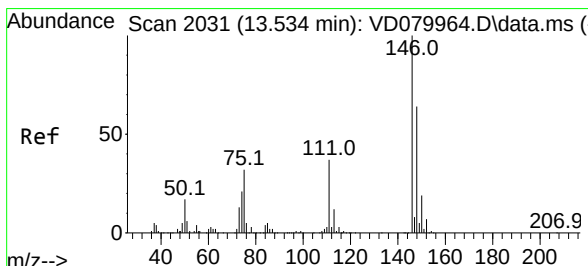
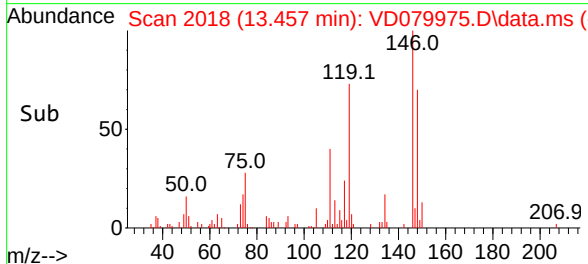
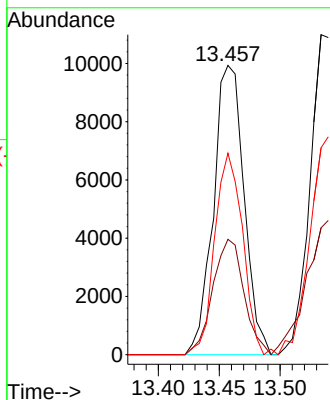
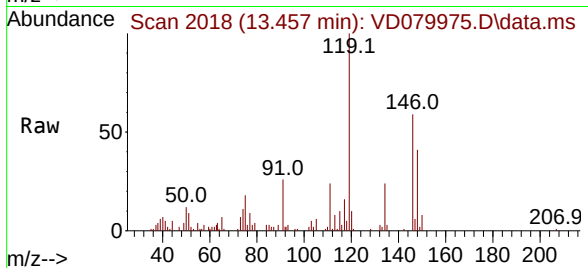
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:	146	Resp:	1740
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	59.9
148	63.6	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: 4.964 ug/l

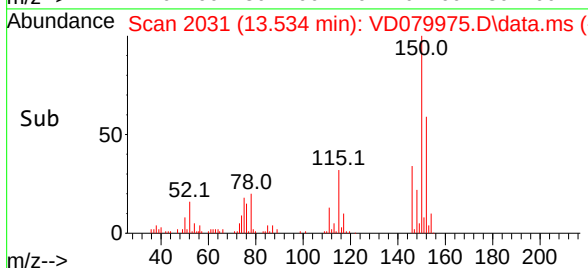
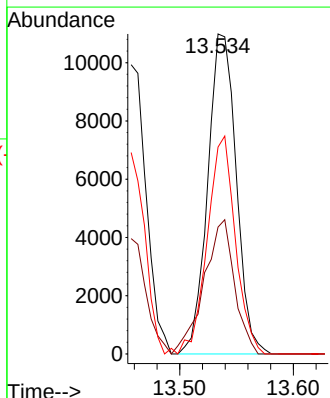
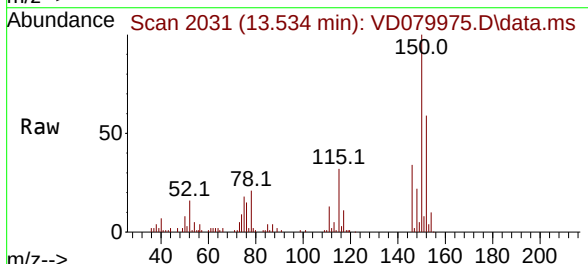
RT: 13.534 min Scan# 2031

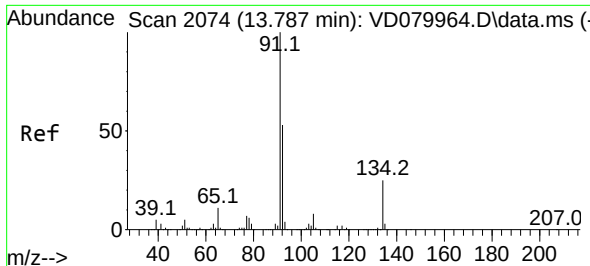
Delta R.T. -0.000 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

Tgt Ion:	146	Resp:	19173
Ion Ratio	Lower	Upper	
146	100		
111	44.8	19.3	57.8
148	66.8	32.9	98.7





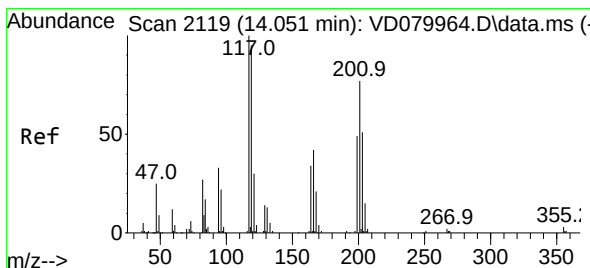
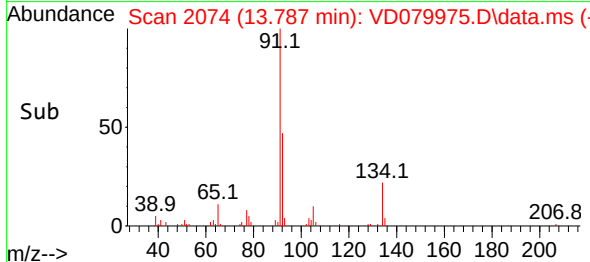
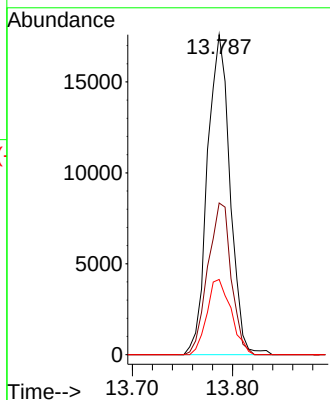
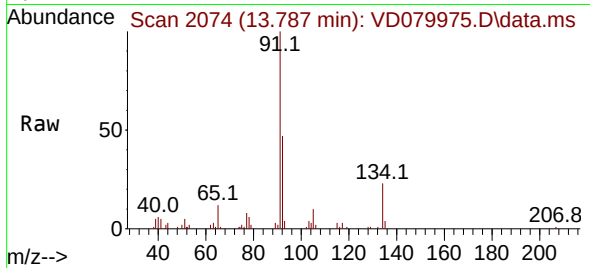
#89
n-Butylbenzene
Concen: 4.212 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

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

Tgt Ion: 91 Resp: 2755
Ion Ratio Lower Upper
91 100
92 49.0 26.3 78.9
134 25.3 12.3 36.8

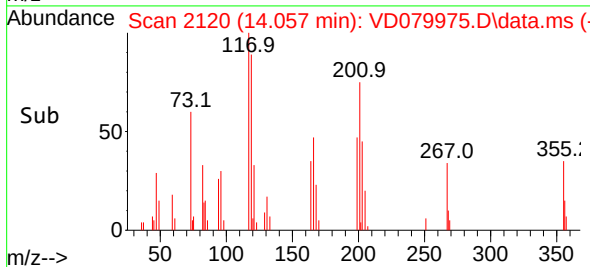
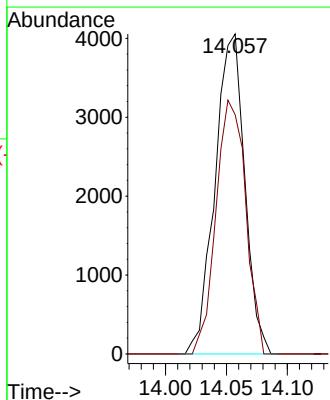
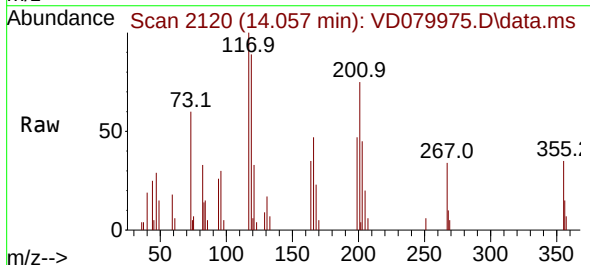
Manual Integrations
APPROVED

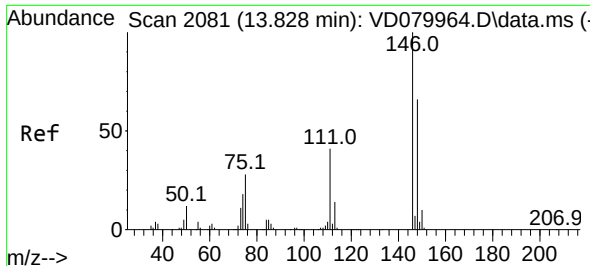
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024



#90
Hexachloroethane
Concen: 4.613 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion:117 Resp: 6898
Ion Ratio Lower Upper
117 100
201 79.1 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 4.426 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079975.D

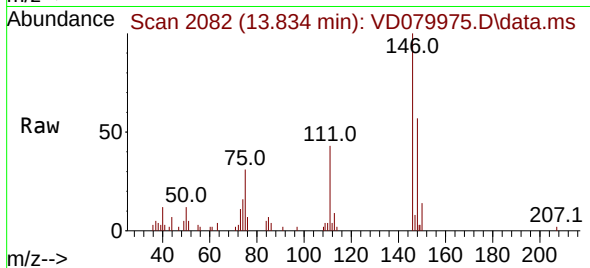
Acq: 14 Oct 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



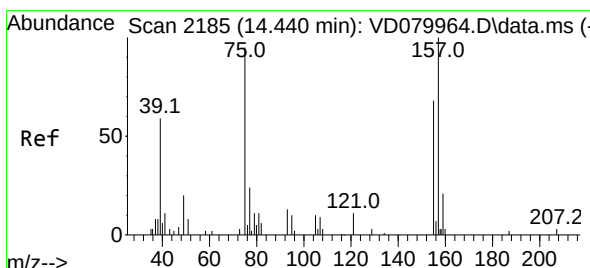
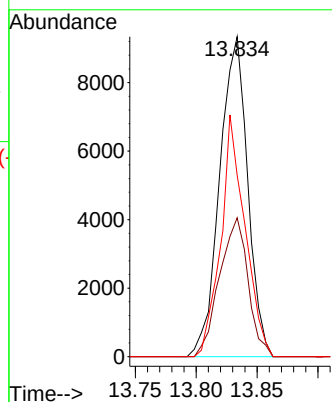
Tgt Ion:	146	Resp:	1494
Ion Ratio	Lower	Upper	
146	100		
111	44.2	20.6	61.8
148	65.3	32.7	98.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024

Supervised By :Semsettin Yesilyurt 10/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.287 ug/l

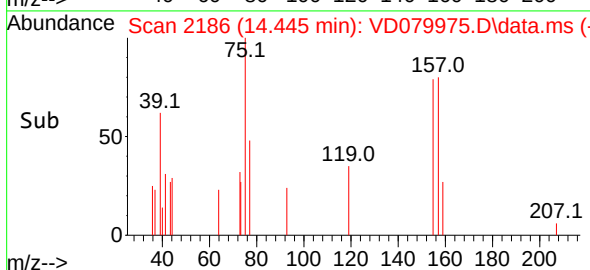
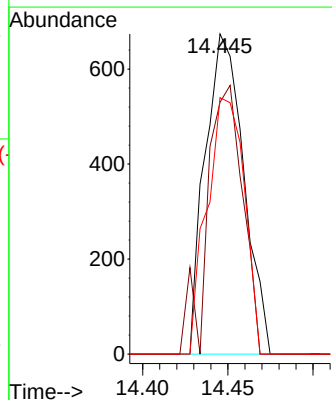
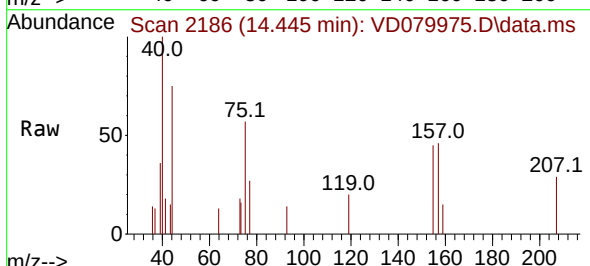
RT: 14.445 min Scan# 2186

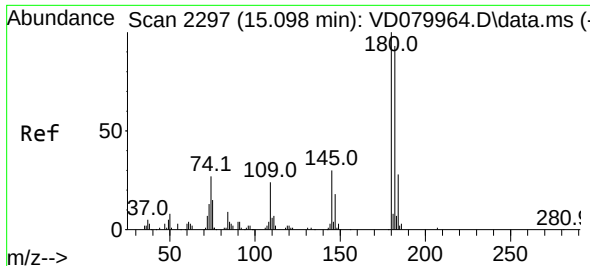
Delta R.T. 0.006 min

Lab File: VD079975.D

Acq: 14 Oct 2024 13:21

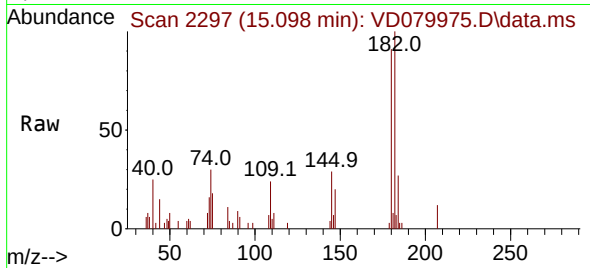
Tgt Ion:	75	Resp:	1060
Ion Ratio	Lower	Upper	
75	100		
155	77.1	40.6	122.0
157	77.5	53.3	159.9





#93
1,2,4-Trichlorobenzene
Concen: 4.211 ug/l
RT: 15.098 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

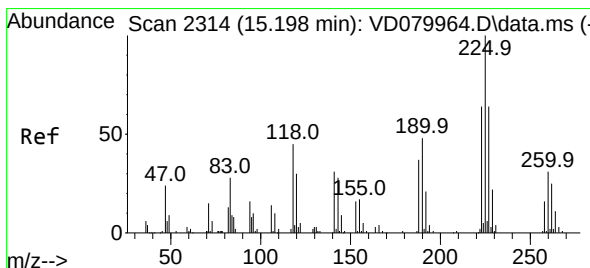
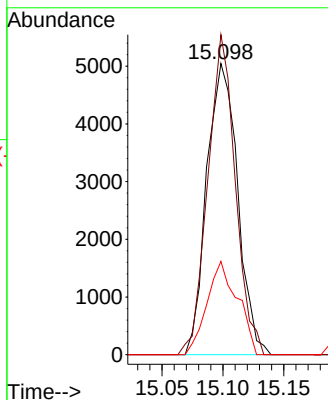
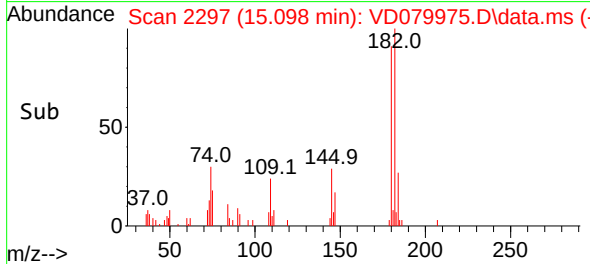
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



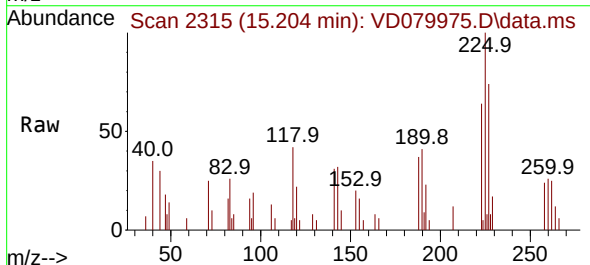
Tgt Ion:180 Resp: 8912
Ion Ratio Lower Upper
180 100
182 97.8 47.4 142.2
145 31.7 14.7 44.1

Manual Integrations
APPROVED

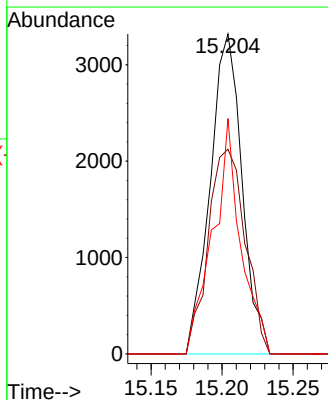
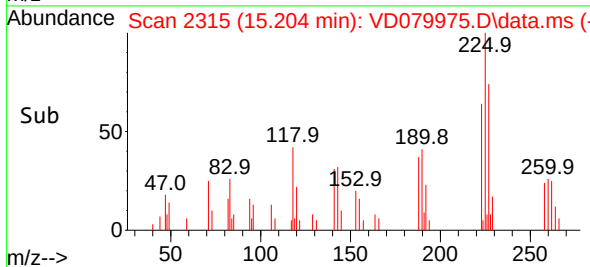
Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

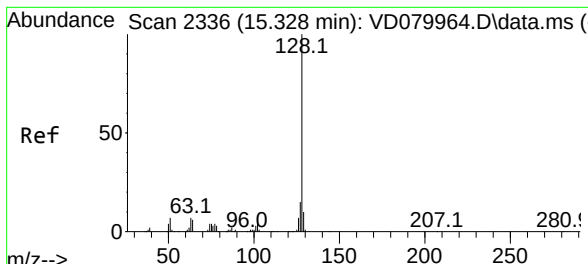


#94
Hexachlorobutadiene
Concen: 4.448 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21



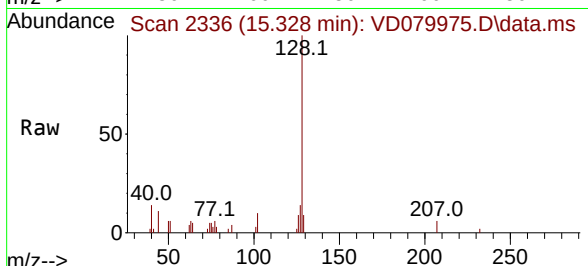
Tgt Ion:225 Resp: 5184
Ion Ratio Lower Upper
225 100
223 74.3 31.5 94.5
227 64.3 30.9 92.5





#95
Naphthalene
Concen: 3.997 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

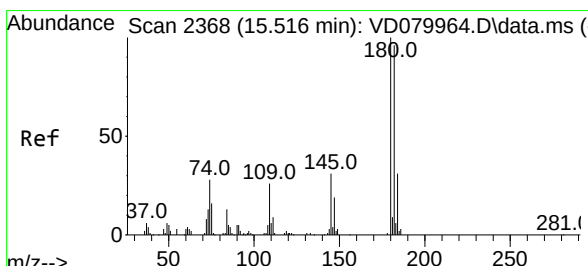
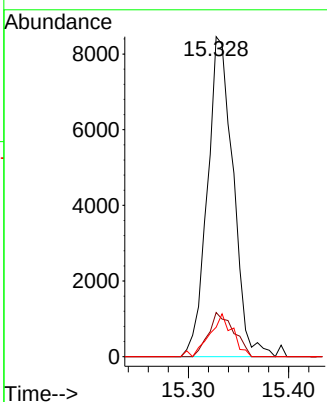
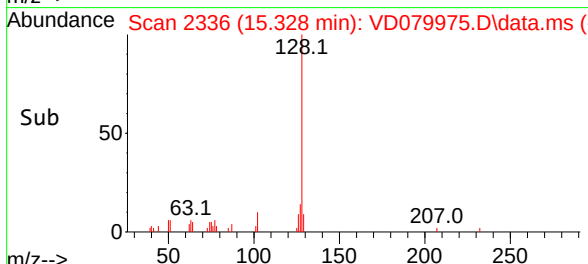
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:	128	Resp:	1508
Ion Ratio	Lower	Upper	
128	100		
127	13.8	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: 4.041 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079975.D
Acq: 14 Oct 2024 13:21

Tgt Ion:	180	Resp:	7579
Ion Ratio	Lower	Upper	
180	100		
182	99.9	47.5	142.6
145	33.1	15.7	47.0

