

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079983.D
 Acq On : 15 Oct 2024 13:42
 Operator : RP/MD
 Sample : P4368-03 2.5 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:01:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 01:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	223690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	204850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80693	51.742	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.480%			
35) Dibromofluoromethane	7.804	113	84491	52.332	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.269	98	275155	47.825	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.569	95	89835	44.729	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4770	3.540	ug/l	89
3) Chloromethane	2.146	50	4374	3.160	ug/l	91
4) Vinyl Chloride	2.281	62	5528	3.213	ug/l	92
5) Bromomethane	2.693	94	5494	3.711	ug/l	99
6) Chloroethane	2.840	64	3870	3.294	ug/l	94
7) Trichlorofluoromethane	3.175	101	10193	3.781	ug/l	92
8) Diethyl Ether	3.587	74	2422	3.271	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.957	101	5717m	3.453	ug/l	
10) Methyl Iodide	4.163	142	5239	3.227	ug/l #	97
11) Tert butyl alcohol	5.040	59	1214m	12.727	ug/l	
12) 1,1-Dichloroethene	3.946	96	5224	3.546	ug/l	98
13) Acrolein	3.799	56	1811	17.707	ug/l	92
14) Allyl chloride	4.551	41	7283	3.329	ug/l	99
15) Acrylonitrile	5.257	53	5602	15.832	ug/l	96
16) Acetone	4.028	43	5729	14.172	ug/l	100
17) Carbon Disulfide	4.269	76	14386	3.504	ug/l	96
18) Methyl Acetate	4.563	43	3809	4.389	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	9393	2.761	ug/l	100
20) Methylene Chloride	4.798	84	11551	5.817	ug/l	96
21) trans-1,2-Dichloroethene	5.304	96	5148	3.255	ug/l	96
22) Diisopropyl ether	6.222	45	12880	2.714	ug/l	88
23) Vinyl Acetate	6.151	43	43240	16.219	ug/l	98
24) 1,1-Dichloroethane	6.110	63	10595	3.389	ug/l	99
25) 2-Butanone	7.075	43	6862	13.940	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	9813	3.628	ug/l #	73
27) cis-1,2-Dichloroethene	7.081	96	6082	3.092	ug/l	86
28) Bromochloromethane	7.422	49	4140	3.103	ug/l #	90
29) Tetrahydrofuran	7.439	42	3661	13.907	ug/l #	85
30) Chloroform	7.592	83	11020	3.328	ug/l	95
31) Cyclohexane	7.875	56	9648	4.071	ug/l #	53
32) 1,1,1-Trichloroethane	7.787	97	9226	3.363	ug/l	96
36) 1,1-Dichloropropene	8.004	75	7172	3.314	ug/l	92
37) Ethyl Acetate	7.181	43	3266	3.118	ug/l #	73
38) Carbon Tetrachloride	7.992	117	7916	3.292	ug/l	96
39) Methylcyclohexane	9.269	83	7302	3.007	ug/l	94
40) Benzene	8.257	78	22050	3.222	ug/l	92

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Manual Integrations
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Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	2157	3.921	ug/l #	52
42) 1,2-Dichloroethane	8.328	62	6520	3.465	ug/l	92
43) Isopropyl Acetate	8.357	43	6147	3.185	ug/l #	77
44) Trichloroethene	9.028	130	5126	3.028	ug/l	77
45) 1,2-Dichloropropane	9.304	63	5603	3.229	ug/l	97
46) Dibromomethane	9.392	93	3135	3.274	ug/l	97
47) Bromodichloromethane	9.581	83	8004	3.152	ug/l	95
48) Methyl methacrylate	9.381	41	2551	2.934	ug/l #	76
49) 1,4-Dioxane	9.392	88	718	68.248	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	11853	12.004	ug/l	99
52) Toluene	10.333	92	13336	3.183	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	6015	2.705	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	6994	2.666	ug/l #	90
55) 1,1,2-Trichloroethane	10.722	97	4455	3.313	ug/l #	91
56) Ethyl methacrylate	10.598	69	4048	2.576	ug/l	93
57) 1,3-Dichloropropane	10.880	76	6751	3.110	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	7833	13.473	ug/l	99
59) 2-Hexanone	10.922	43	8809	12.046	ug/l	92
60) Dibromochloromethane	11.069	129	5862	3.355	ug/l	95
61) 1,2-Dibromoethane	11.175	107	3727	3.011	ug/l	94
64) Tetrachloroethene	10.804	164	5151	3.565	ug/l	97
65) Chlorobenzene	11.604	112	15843	3.323	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.680	131	5129	2.995	ug/l	92
67) Ethyl Benzene	11.680	91	23050	2.859	ug/l	100
68) m/p-Xylenes	11.792	106	16140	5.216	ug/l	99
69) o-Xylene	12.116	106	7679	2.682	ug/l	87
70) Styrene	12.139	104	12568	2.467	ug/l	98
71) Bromoform	12.292	173	2964	2.878	ug/l #	88
73) Isopropylbenzene	12.422	105	19421	2.785	ug/l	97
74) N-amyl acetate	12.233	43	4215	2.499	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	5062	3.580	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	3261m	2.883	ug/l	
77) Bromobenzene	12.698	156	6532	3.620	ug/l	93
78) n-propylbenzene	12.763	91	26006	2.999	ug/l	97
79) 2-Chlorotoluene	12.845	91	14784	2.935	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	16631	2.830	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	1700	3.354	ug/l	93
82) 4-Chlorotoluene	12.945	91	16622	3.072	ug/l	96
83) tert-Butylbenzene	13.163	119	13474	2.675	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	15571	2.638	ug/l	98
85) sec-Butylbenzene	13.345	105	21105	2.726	ug/l	98
86) p-Isopropyltoluene	13.463	119	17039	2.638	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	11434	3.098	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	11895	3.225	ug/l	87
89) n-Butylbenzene	13.786	91	17491	2.800	ug/l	98
90) Hexachloroethane	14.051	117	5073	3.553	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	9871	3.061	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	784	3.321	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	6168	3.052	ug/l	96
94) Hexachlorobutadiene	15.204	225	3781	3.398	ug/l	96
95) Naphthalene	15.333	128	10960	3.041	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.521	180	5684	3.174	ug/l	96

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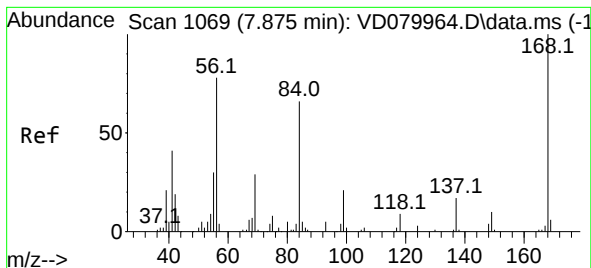
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:168 Resp: 13709

Ion Ratio Lower Upper

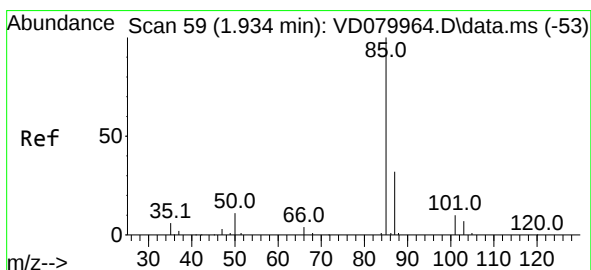
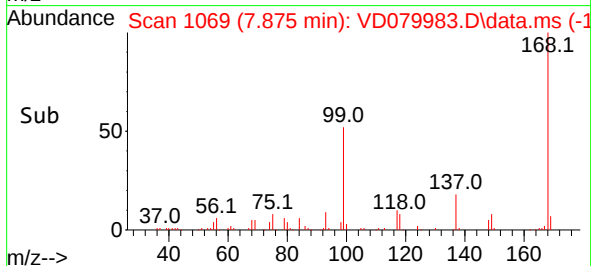
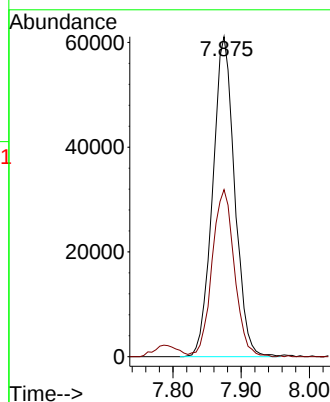
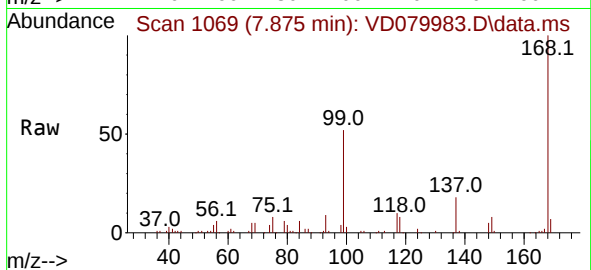
168 100

99 52.0 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#2

Dichlorodifluoromethane

Concen: 3.540 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079983.D

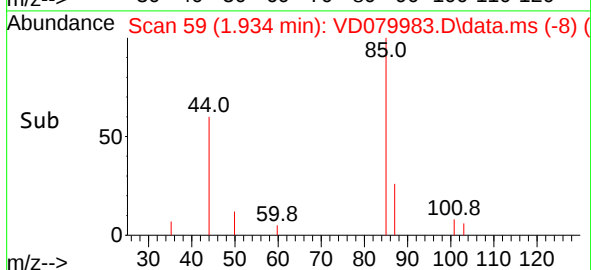
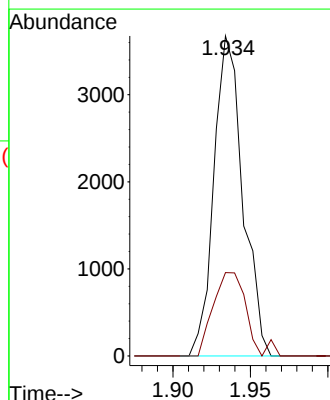
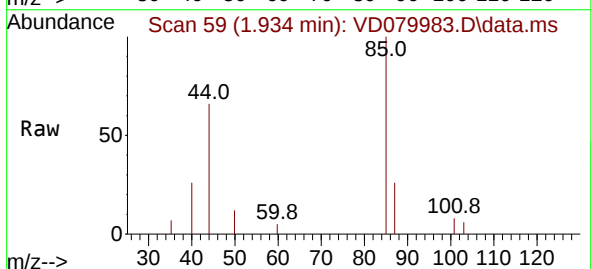
Acq: 15 Oct 2024 13:42

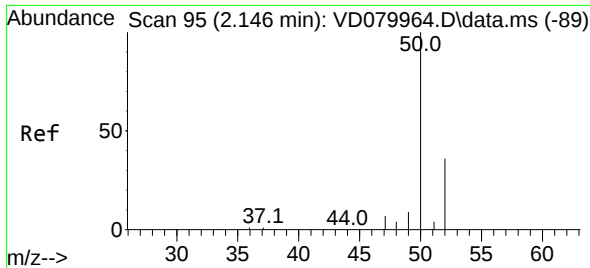
Tgt Ion: 85 Resp: 4770

Ion Ratio Lower Upper

85 100

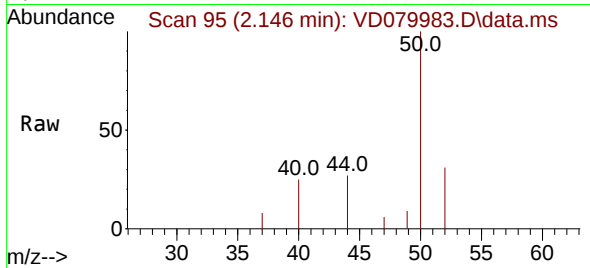
87 26.1 16.1 48.2





#3
Chloromethane
Concen: 3.160 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

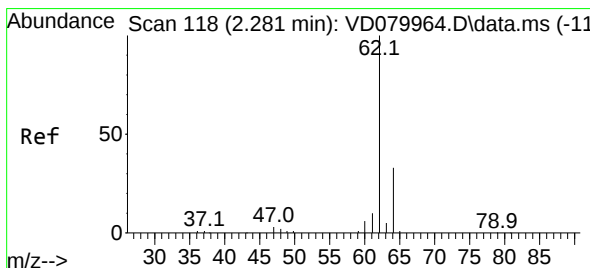
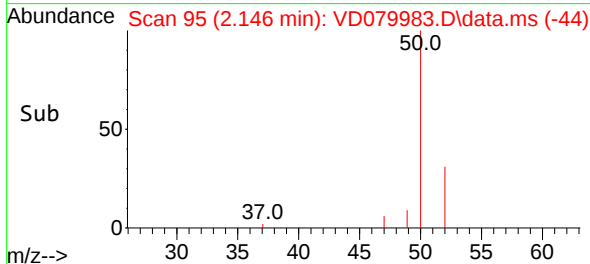
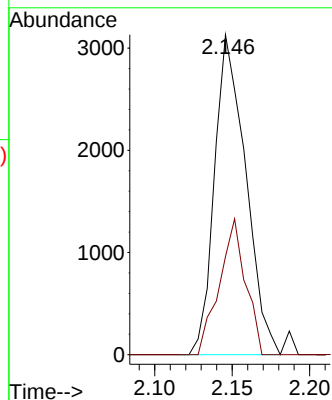
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 50 Resp: 4374
Ion Ratio Lower Upper
50 100
52 30.7 28.8 43.2

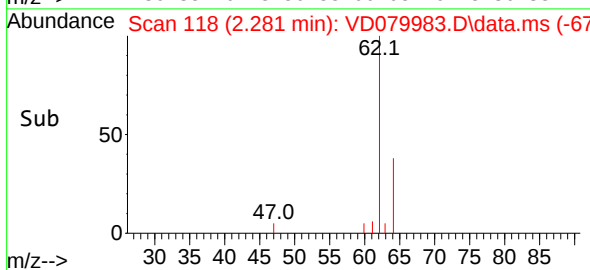
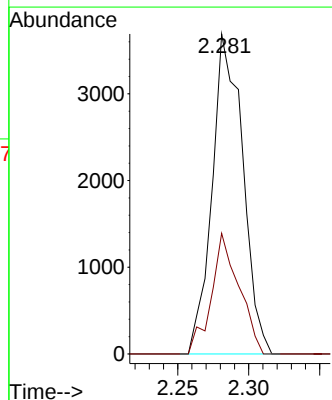
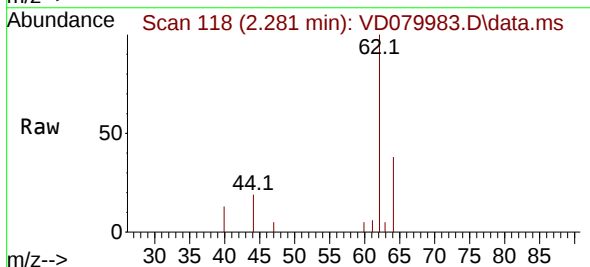
Manual Integrations
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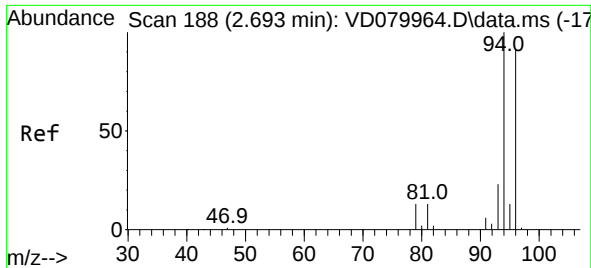
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#4
Vinyl Chloride
Concen: 3.213 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

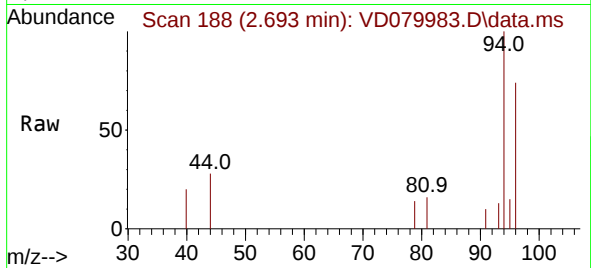
Tgt Ion: 62 Resp: 5528
Ion Ratio Lower Upper
62 100
64 37.7 26.5 39.7





#5
Bromomethane
Concen: 3.711 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

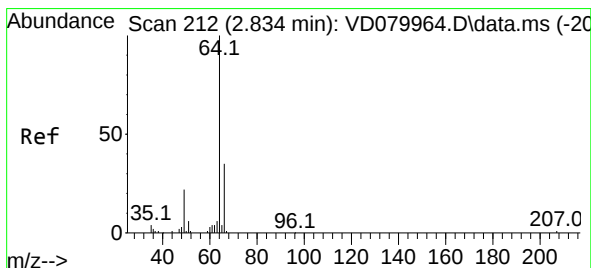
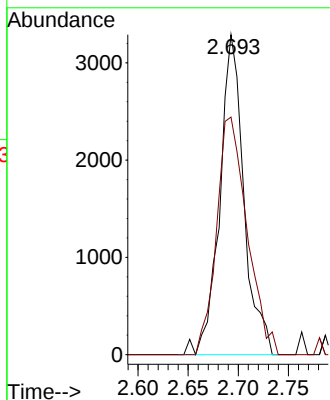
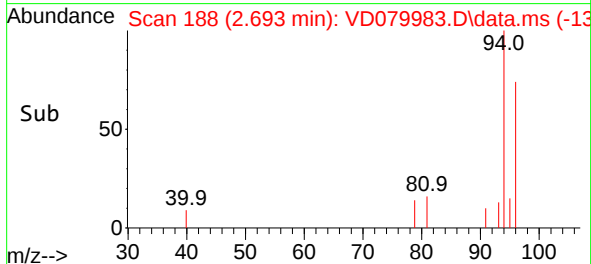
Instrument :
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Tgt Ion: 94 Resp: 5494
Ion Ratio Lower Upper
94 100
96 94.2 76.2 114.2

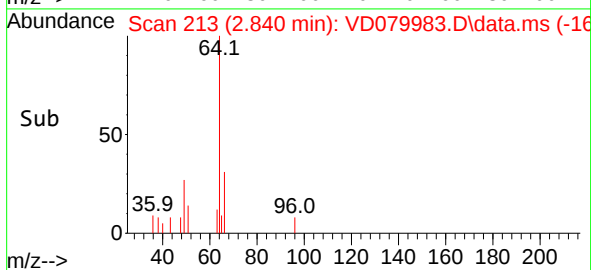
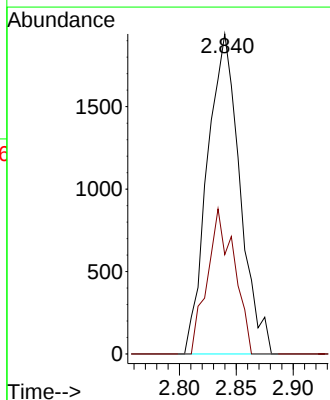
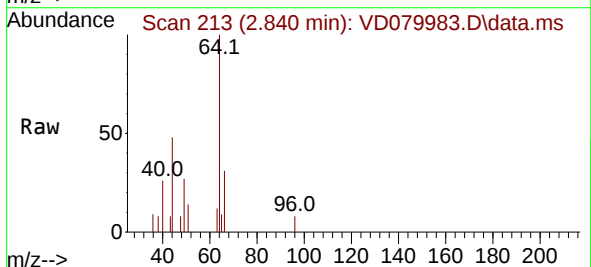
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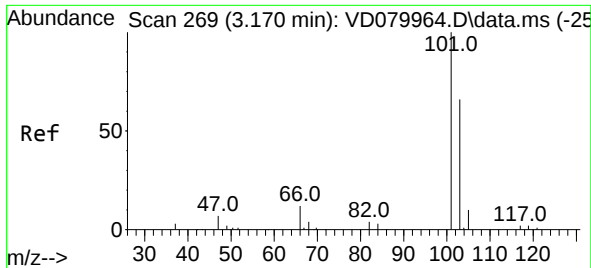
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#6
Chloroethane
Concen: 3.294 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

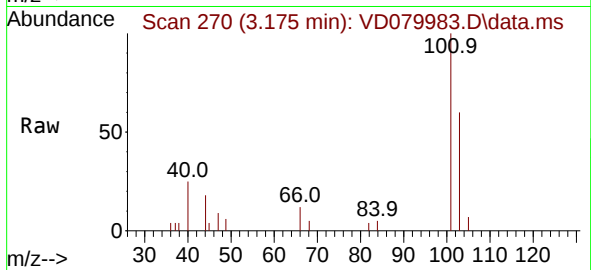
Tgt Ion: 64 Resp: 3870
Ion Ratio Lower Upper
64 100
66 31.1 27.6 41.4





#7
Trichlorofluoromethane
Concen: 3.781 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

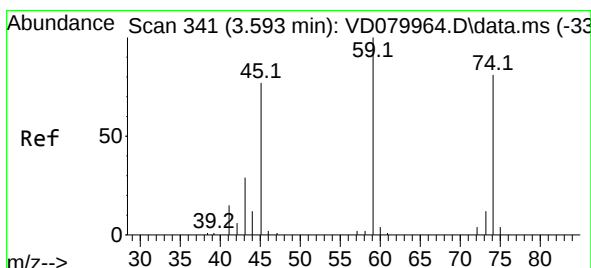
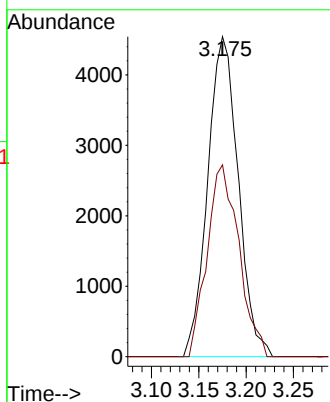
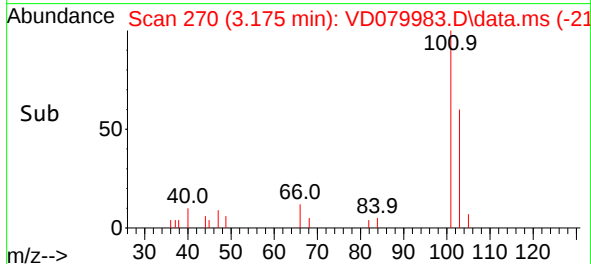
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:101 Resp: 1019
Ion Ratio Lower Upper
101 100
103 60.0 53.0 79.6

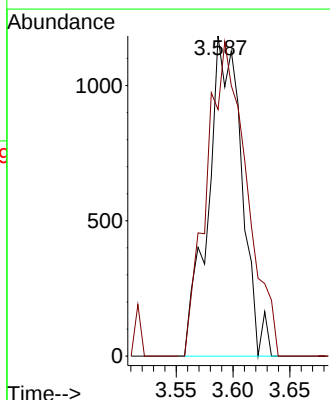
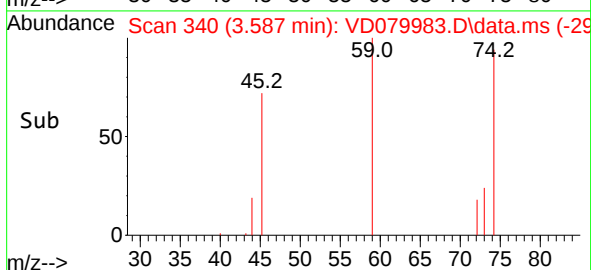
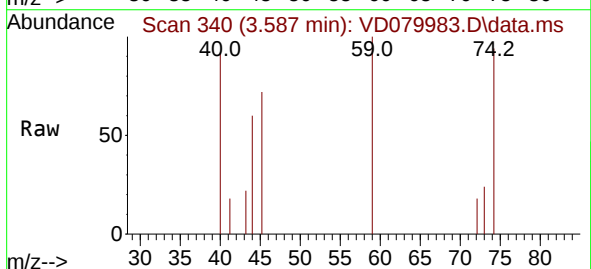
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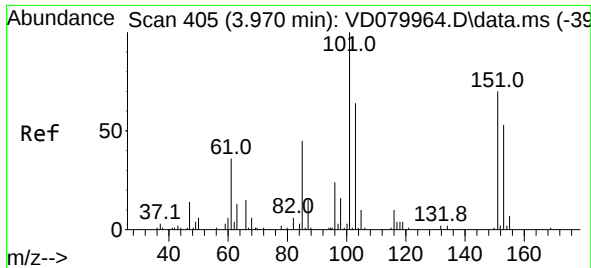
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#8
Diethyl Ether
Concen: 3.271 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion: 74 Resp: 2422
Ion Ratio Lower Upper
74 100
45 117.5 47.8 143.3





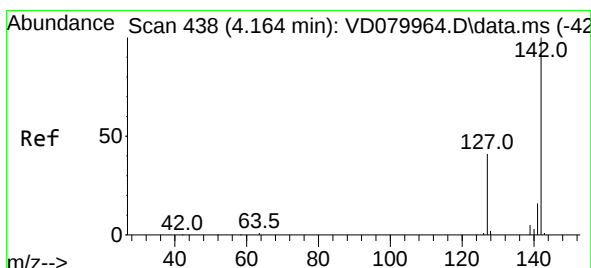
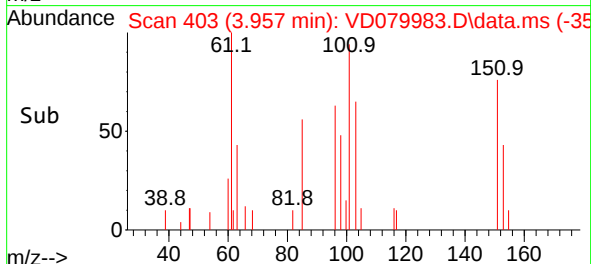
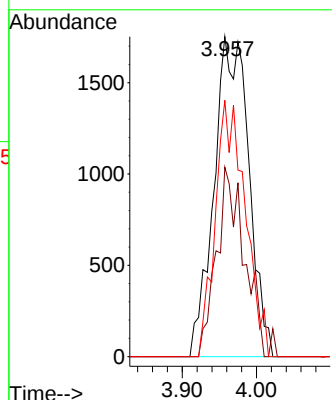
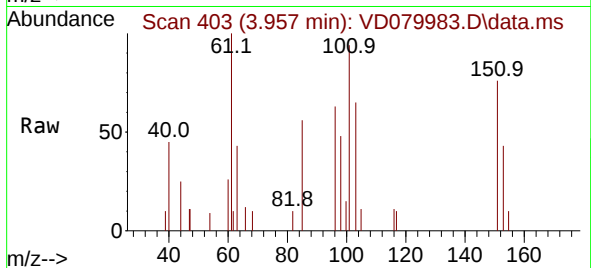
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.453 ug/l m
RT: 3.957 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:101 Resp: 571
Ion Ratio Lower Upper
101 100
85 47.1 35.3 52.9
151 68.5 60.3 90.5

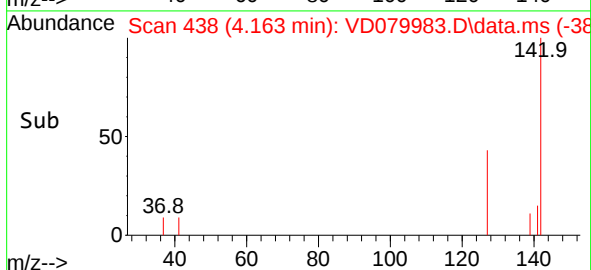
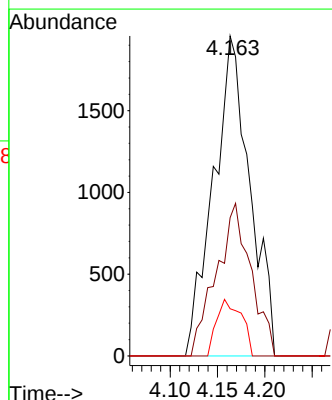
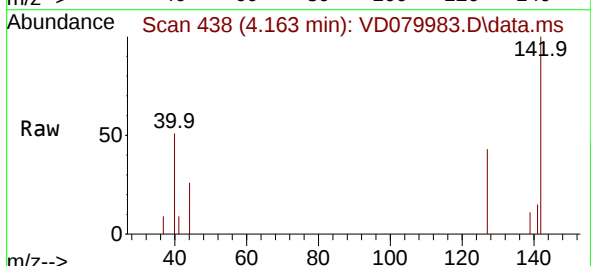
Manual Integrations
APPROVED

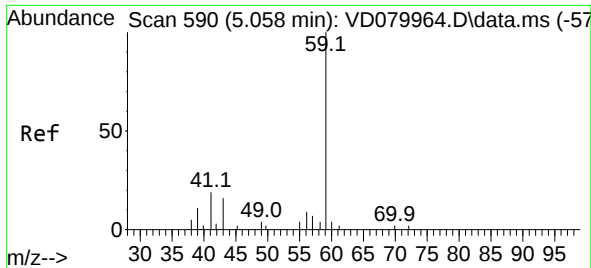
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#10
Methyl Iodide
Concen: 3.227 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:142 Resp: 5239
Ion Ratio Lower Upper
142 100
127 45.3 35.3 52.9
141 12.0 12.2 18.2#





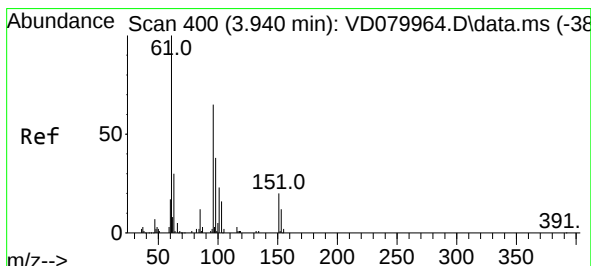
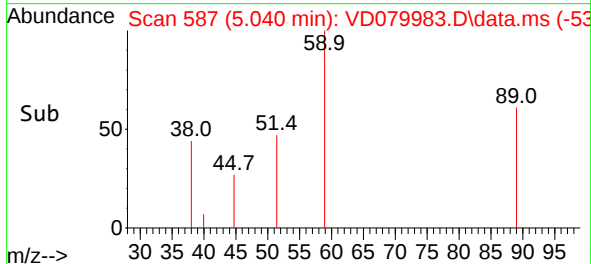
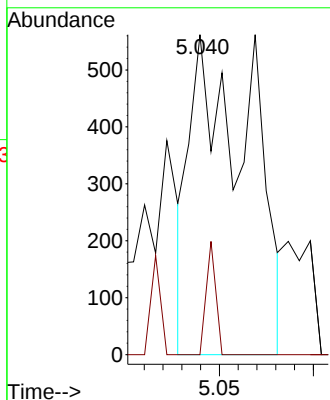
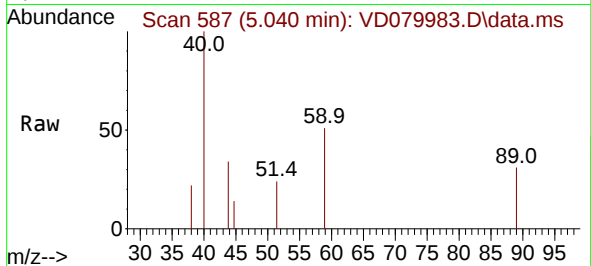
#11
Tert butyl alcohol
Concen: 12.727 ug/l m
RT: 5.040 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 59 Resp: 1214
Ion Ratio Lower Upper
59 100
57 5.8 4.8 7.2

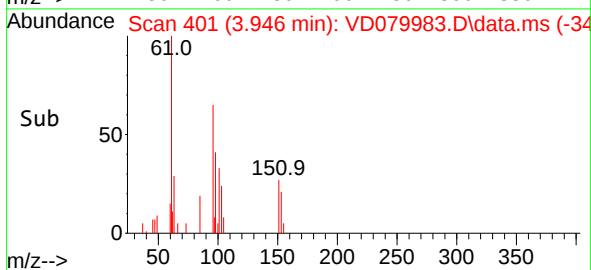
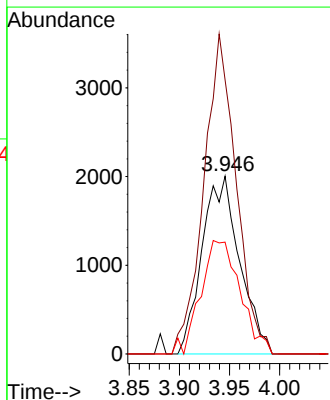
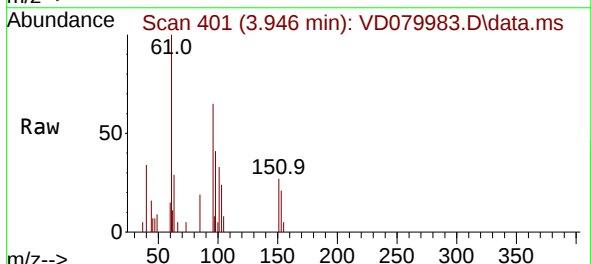
Manual Integrations
APPROVED

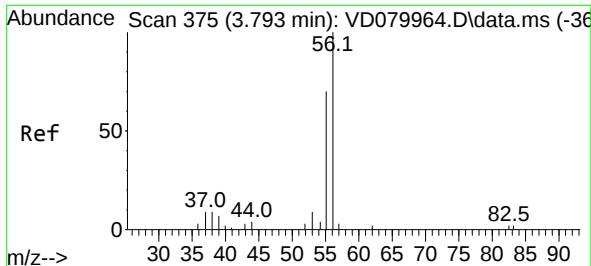
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#12
1,1-Dichloroethene
Concen: 3.546 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

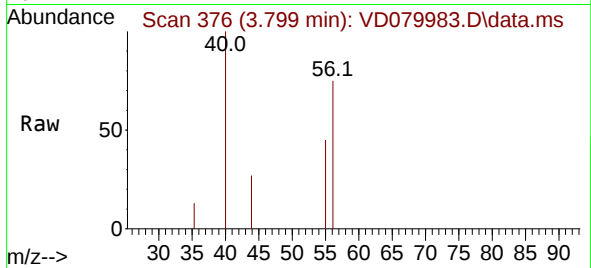
Tgt Ion: 96 Resp: 5224
Ion Ratio Lower Upper
96 100
61 154.2 122.6 184.0
98 62.9 47.1 70.7





#13
Acrolein
Concen: 17.707 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

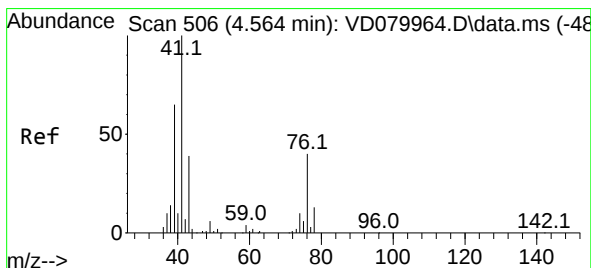
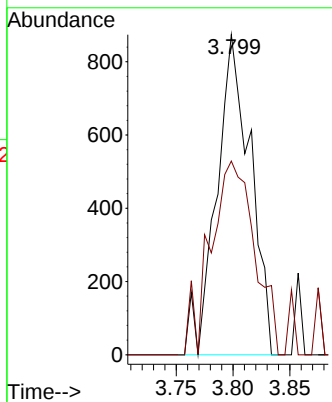
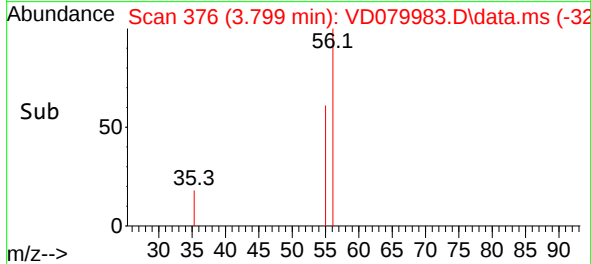
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 79.2 58.2 87.2

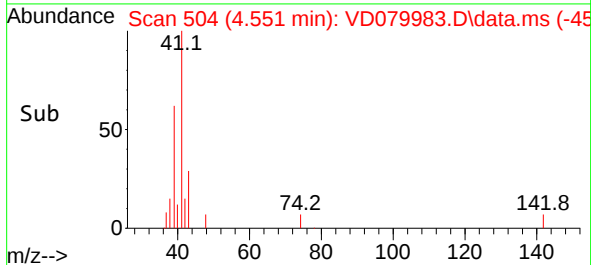
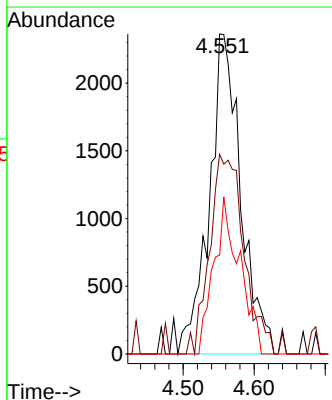
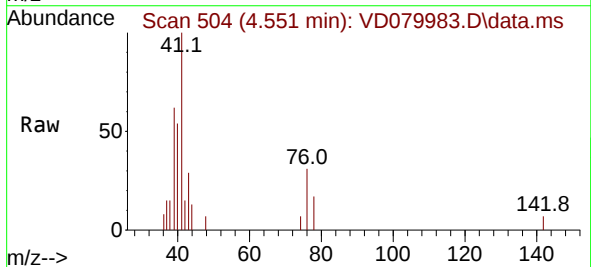
Manual Integrations
APPROVED

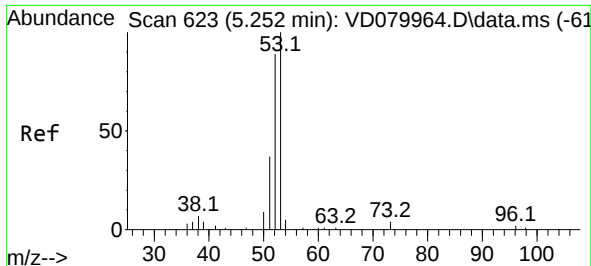
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#14
Allyl chloride
Concen: 3.329 ug/l
RT: 4.551 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

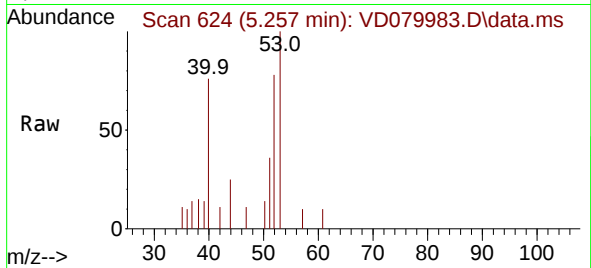
Tgt Ion: 41 Resp: 7283
Ion Ratio Lower Upper
41 100
39 67.4 53.3 79.9
76 40.2 32.0 48.0





#15
Acrylonitrile
Concen: 15.832 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

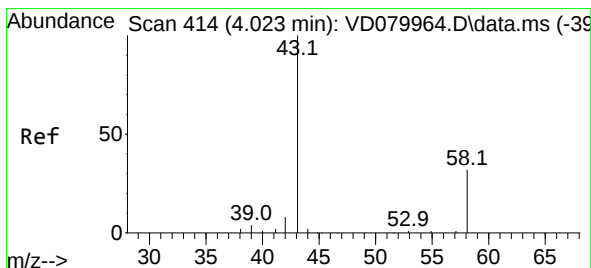
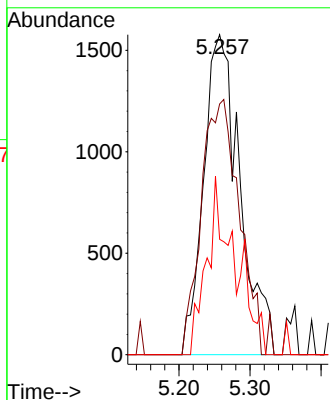
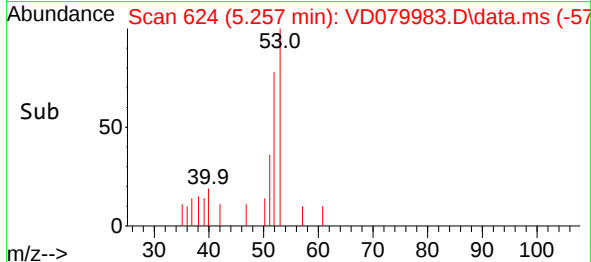
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 53 Resp: 560
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.4
51 43.8 30.3 45.5

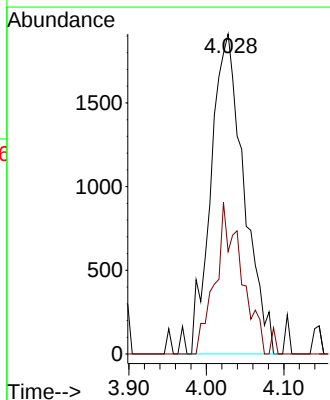
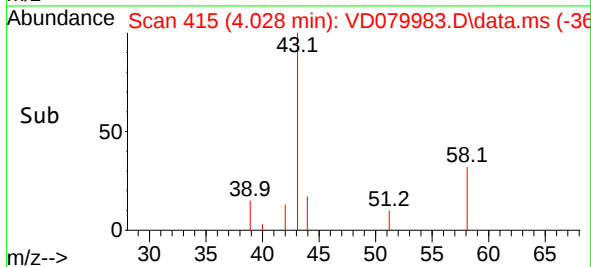
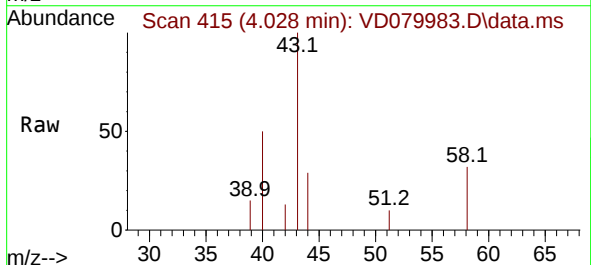
Manual Integrations
APPROVED

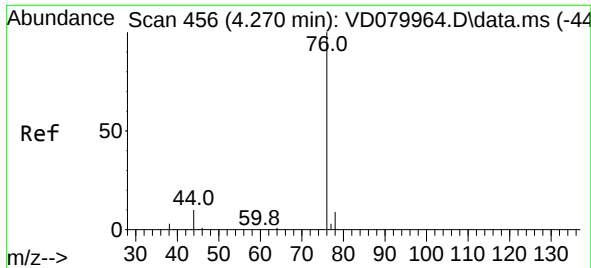
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#16
Acetone
Concen: 14.172 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

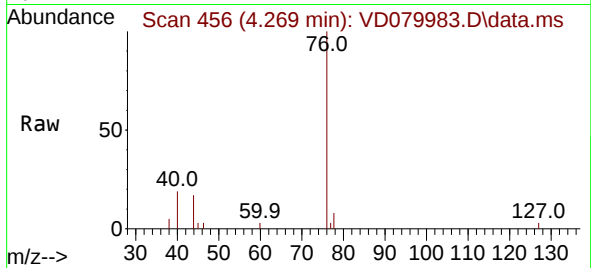
Tgt Ion: 43 Resp: 5729
Ion Ratio Lower Upper
43 100
58 32.0 25.4 38.2





#17
Carbon Disulfide
Concen: 3.504 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

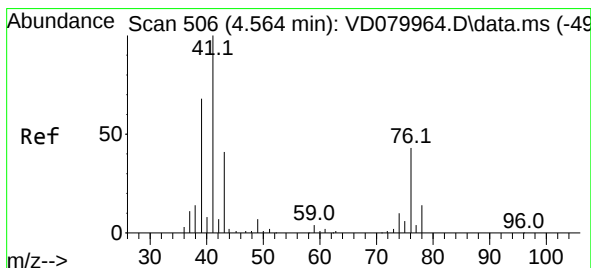
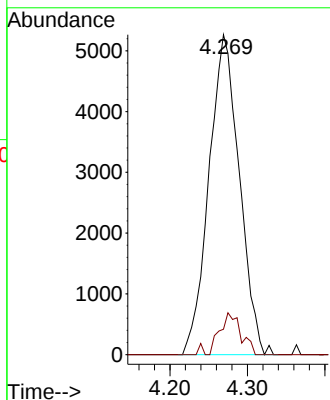
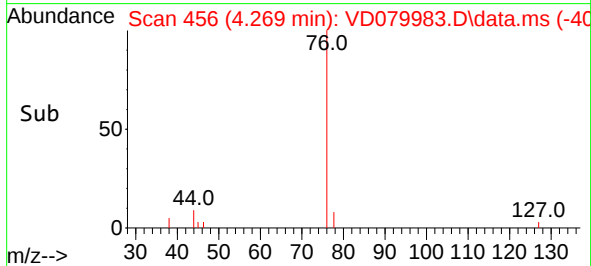
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 76 Resp: 1438
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

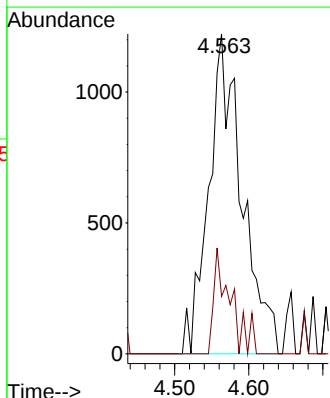
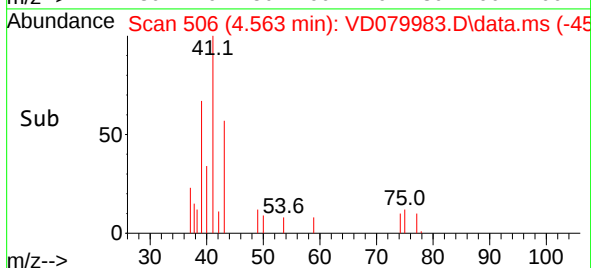
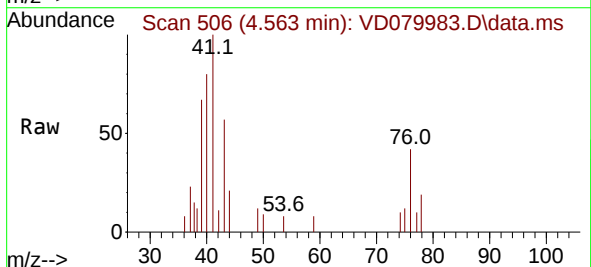
Manual Integrations
APPROVED

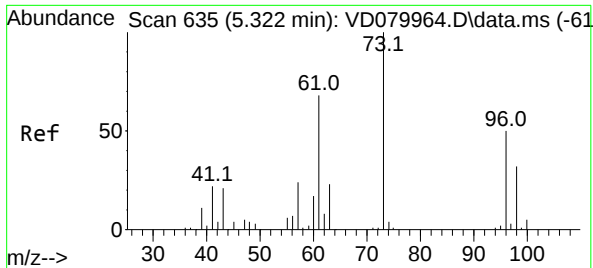
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#18
Methyl Acetate
Concen: 4.389 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion: 43 Resp: 3809
Ion Ratio Lower Upper
43 100
74 16.8 20.5 30.7#





#19

Methyl tert-butyl Ether

Concen: 2.761 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 73 Resp: 939

Ion Ratio Lower Upper

73 100

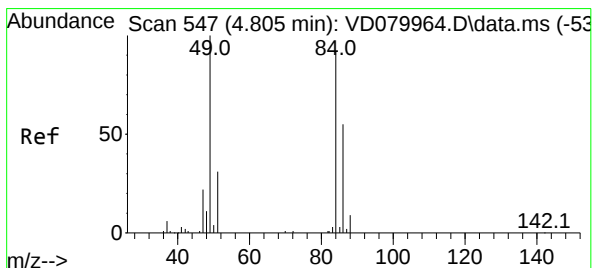
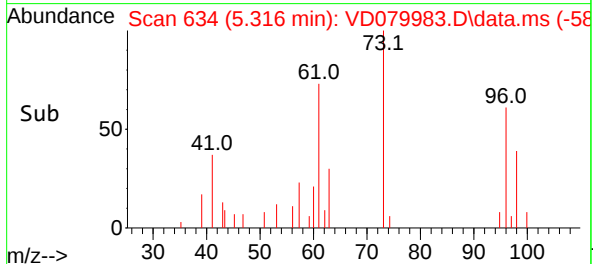
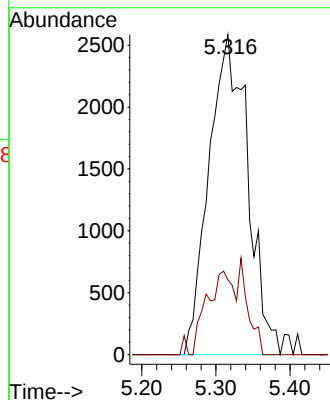
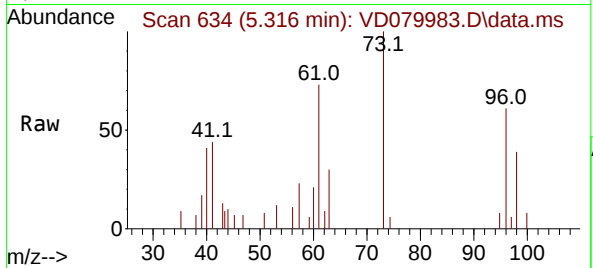
57 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024

Supervised By :Semsettin Yesilyurt 10/16/2024



#20

Methylene Chloride

Concen: 5.817 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.007 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion: 84 Resp: 11551

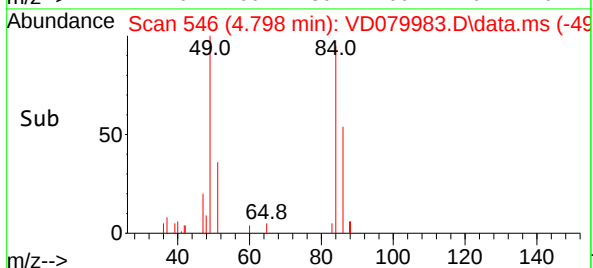
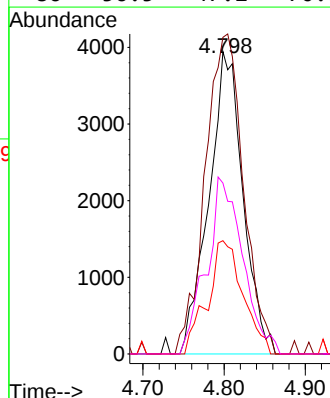
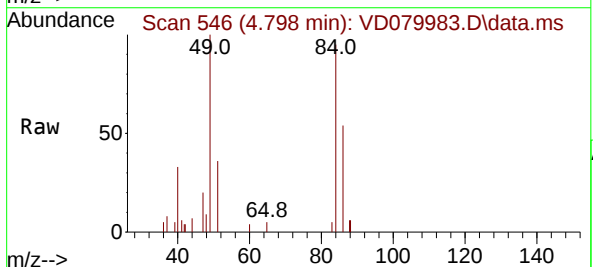
Ion Ratio Lower Upper

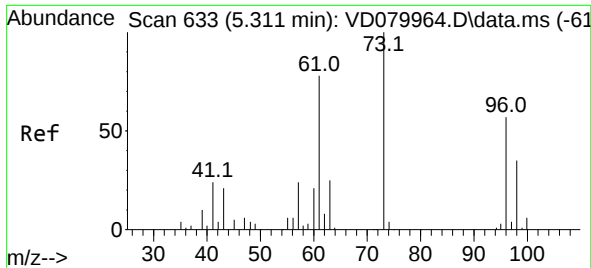
84 100

49 104.7 86.5 129.7

51 37.5 26.9 40.3

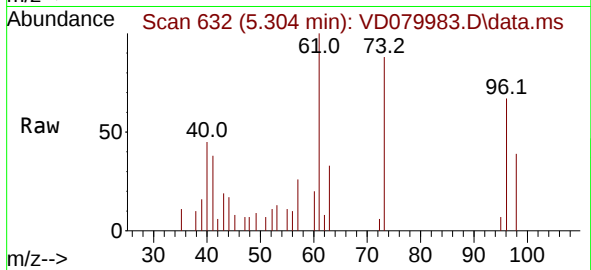
86 56.5 47.2 70.8





#21
trans-1,2-Dichloroethene
Concen: 3.255 ug/l
RT: 5.304 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

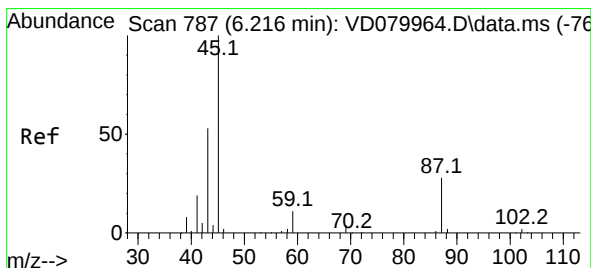
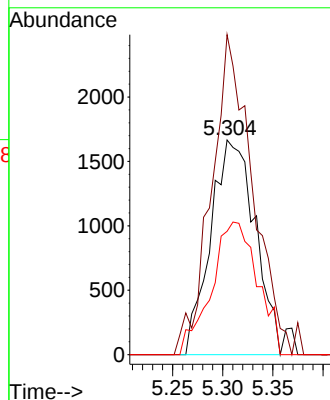
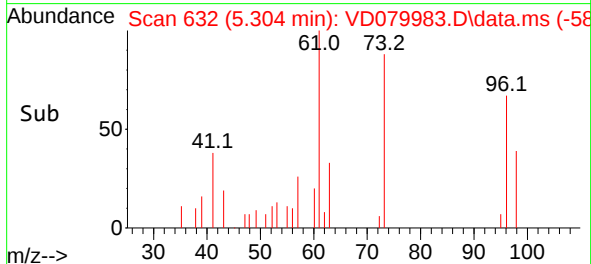
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 96 Resp: 5148
Ion Ratio Lower Upper
96 100
61 139.8 109.4 164.0
98 57.4 49.8 74.8

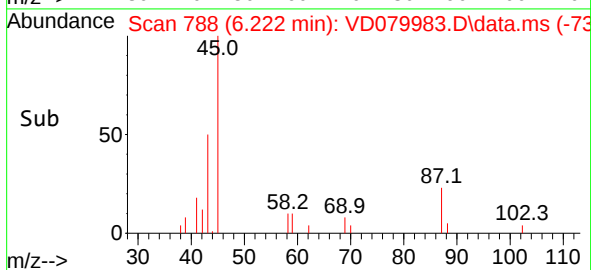
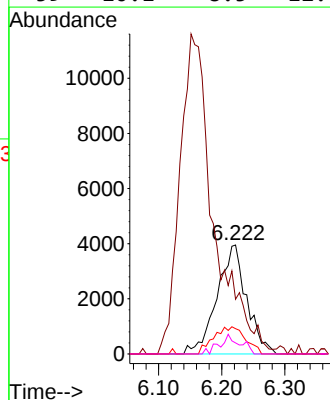
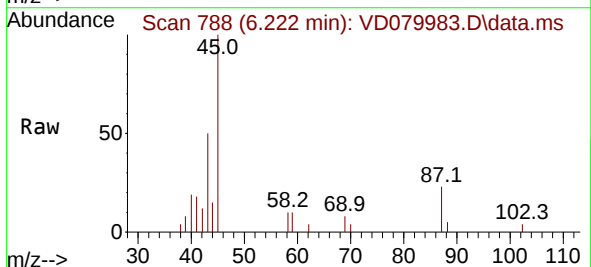
Manual Integrations
APPROVED

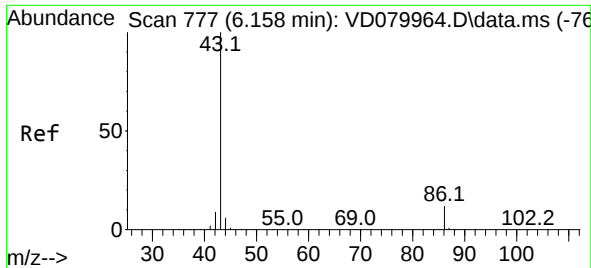
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#22
Diisopropyl ether
Concen: 2.714 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion: 45 Resp: 12880
Ion Ratio Lower Upper
45 100
43 42.7 42.6 63.8
87 23.2 22.7 34.1
59 10.1 8.5 12.7





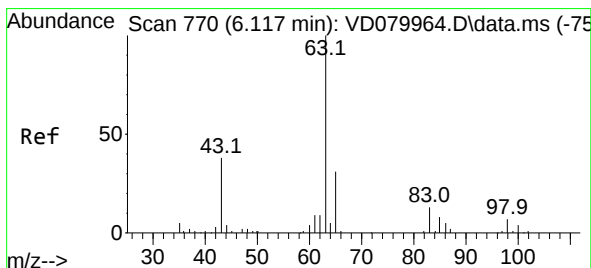
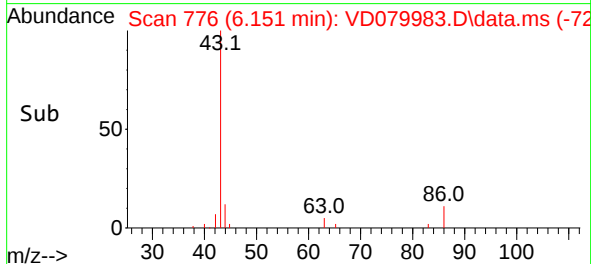
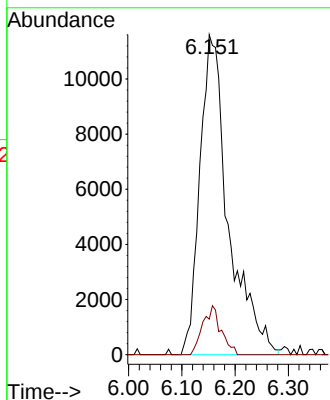
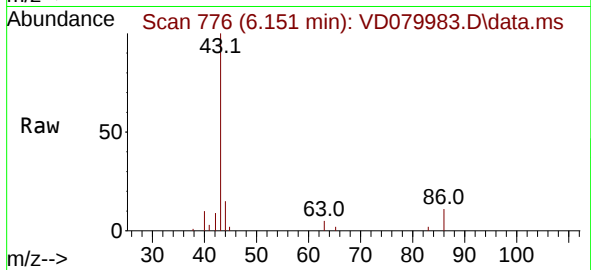
#23
 Vinyl Acetate
 Concen: 16.219 ug/l
 RT: 6.151 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD079983.D
 Acq: 15 Oct 2024 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 43240
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.0

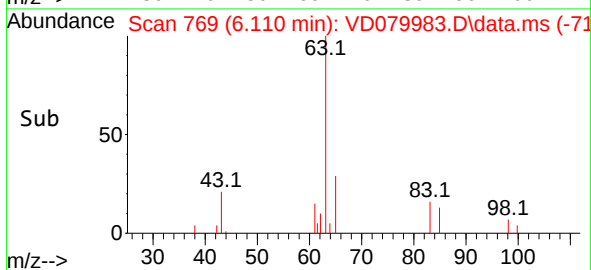
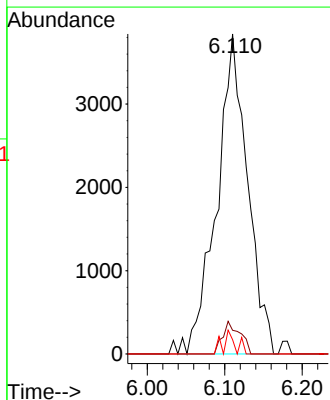
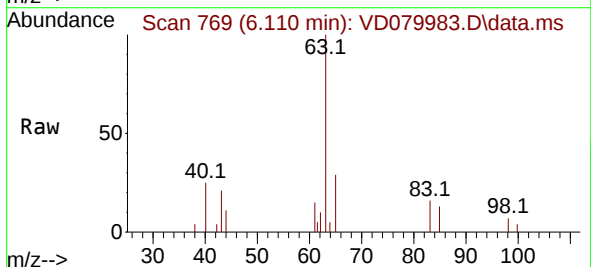
Manual Integrations
 APPROVED

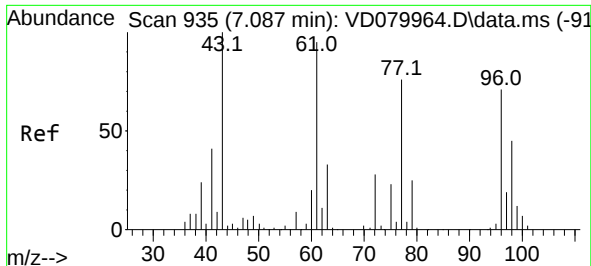
Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024



#24
 1,1-Dichloroethane
 Concen: 3.389 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD079983.D
 Acq: 15 Oct 2024 13:42

Tgt Ion: 63 Resp: 10595
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 13.940 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 6862

Ion Ratio Lower Upper

43 100

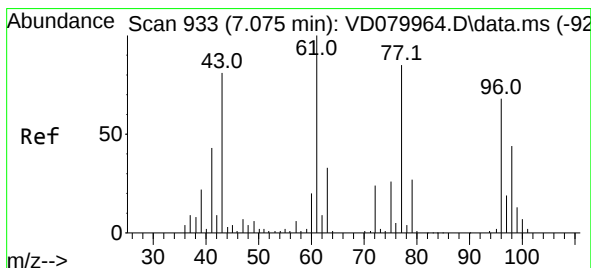
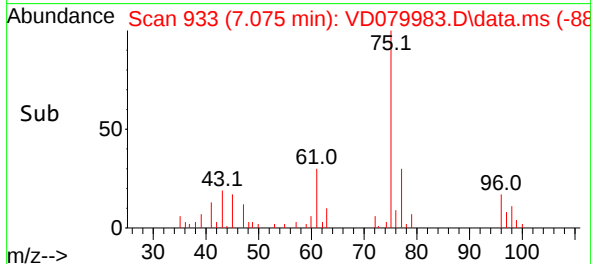
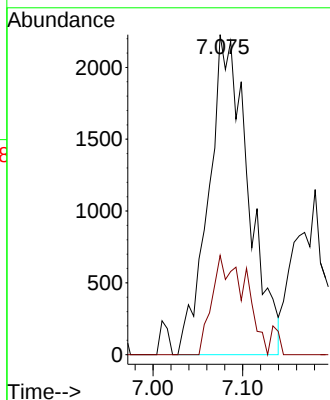
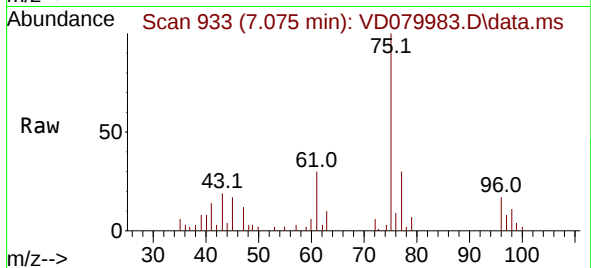
72 38.1 22.3 33.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024

Supervised By :Semsettin Yesilyurt 10/16/2024



#26

2,2-Dichloropropane

Concen: 3.628 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079983.D

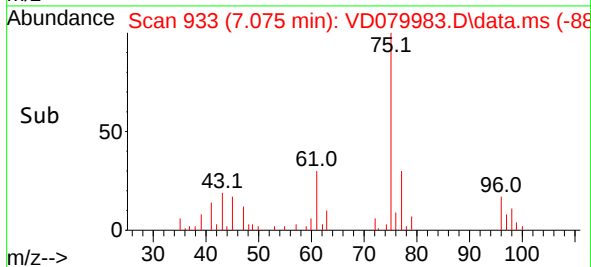
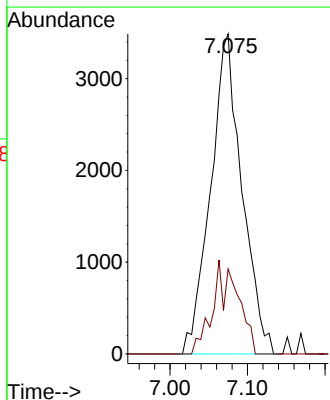
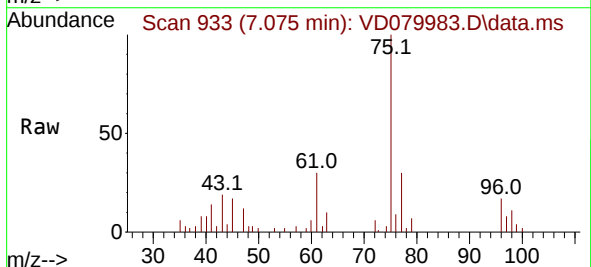
Acq: 15 Oct 2024 13:42

Tgt Ion: 77 Resp: 9813

Ion Ratio Lower Upper

77 100

97 10.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 3.092 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024

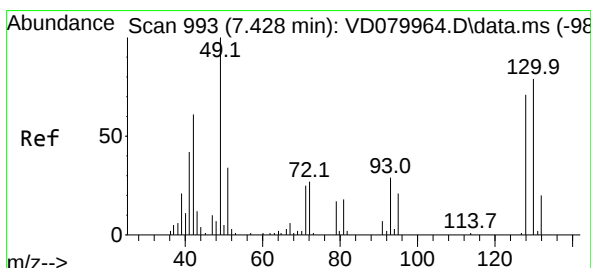
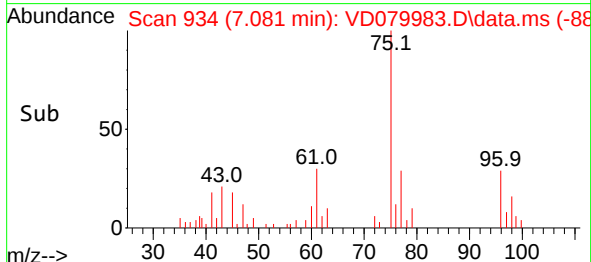
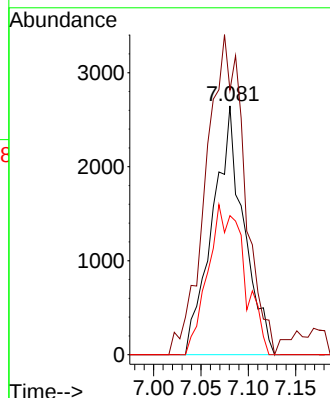
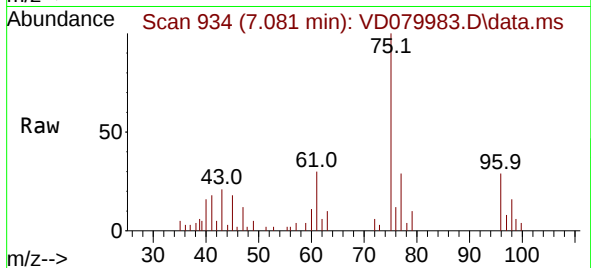
Tgt Ion: 96 Resp: 608

Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	278.2
98	70.3	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#28

Bromochloromethane

Concen: 3.103 ug/l

RT: 7.422 min Scan# 992

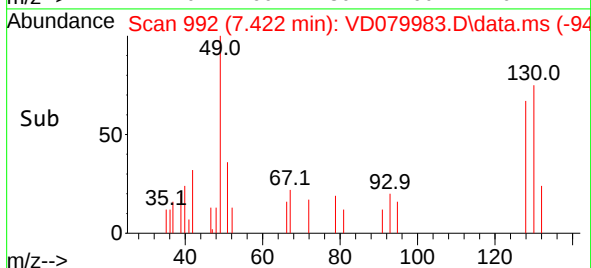
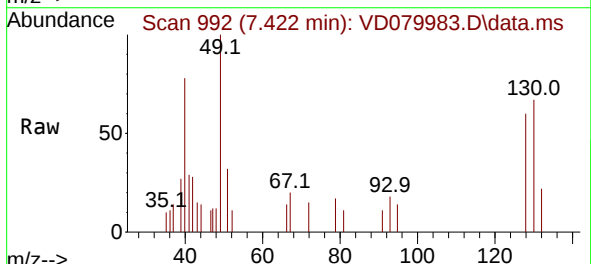
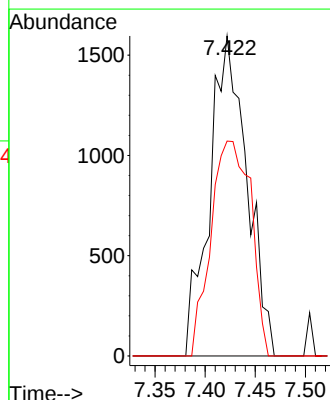
Delta R.T. -0.006 min

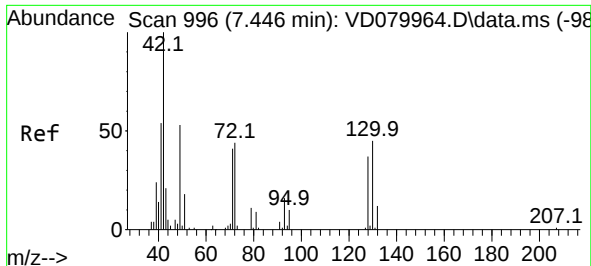
Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion: 49 Resp: 4140

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	71.8	64.6	97.0





#29

Tetrahydrofuran

Concen: 13.907 ug/l

RT: 7.439 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD079983.D

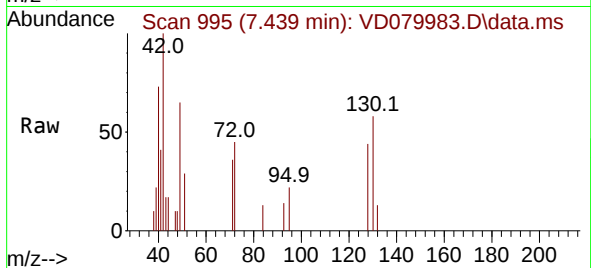
Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

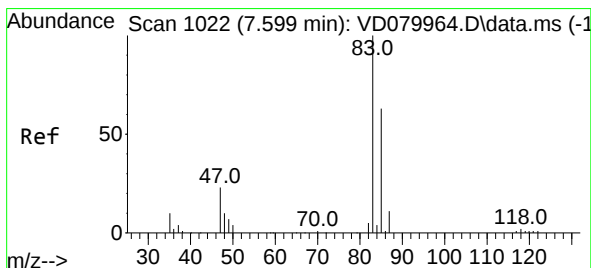
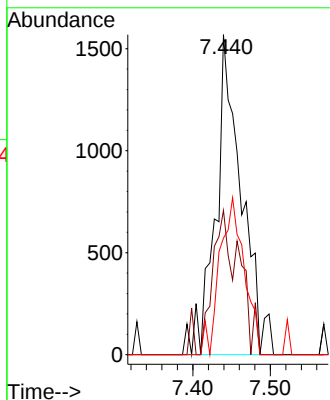
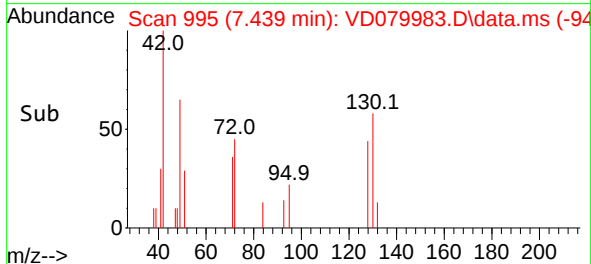
MDL-SOIL-03-QT4-2024



Tgt Ion:	42	Resp:	366
Ion Ratio	Lower	Upper	
42	100		
72	30.1	36.7	55.1
71	46.0	34.4	51.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#30

Chloroform

Concen: 3.328 ug/l

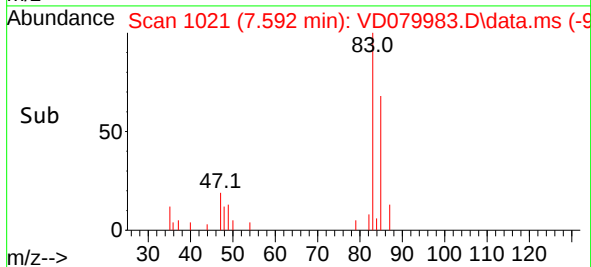
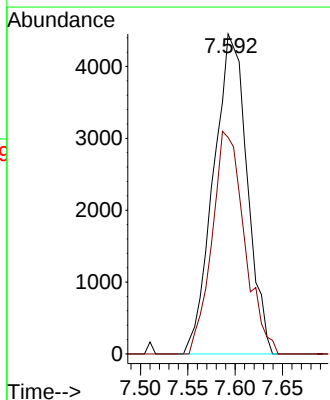
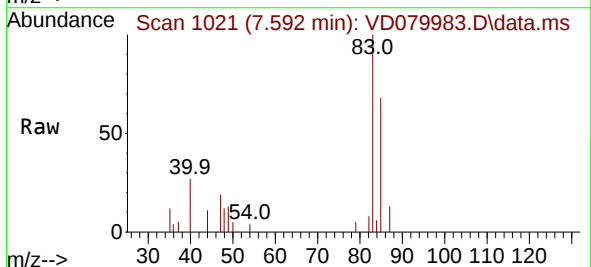
RT: 7.592 min Scan# 1021

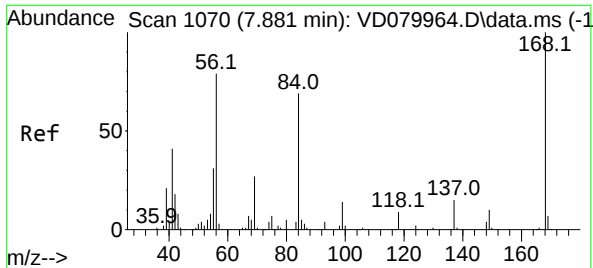
Delta R.T. -0.006 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

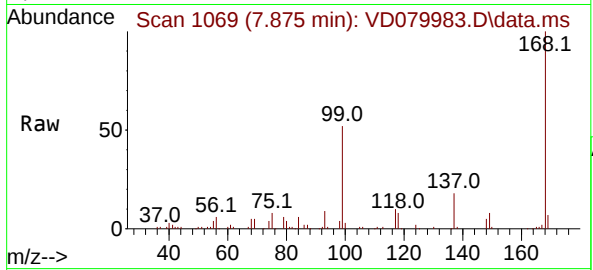
Tgt Ion:	83	Resp:	11020
Ion Ratio	Lower	Upper	
83	100		
85	67.7	50.8	76.2





#31
Cyclohexane
Concen: 4.071 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

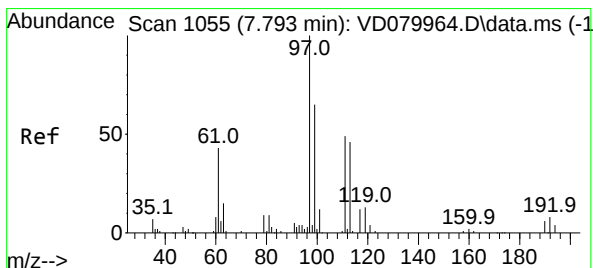
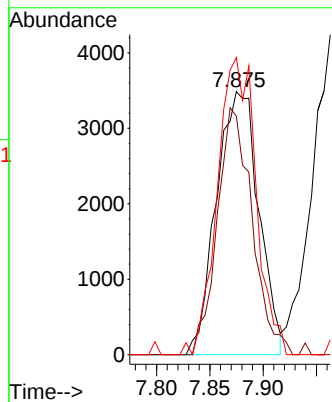
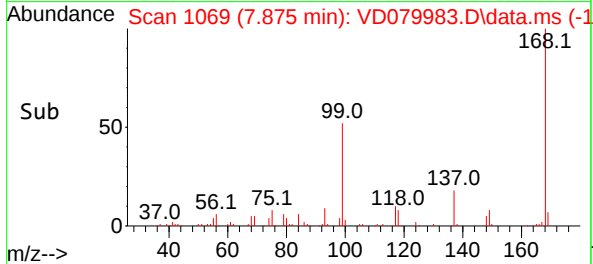
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
69 90.7 27.3 40.9
84 112.9 70.2 105.4

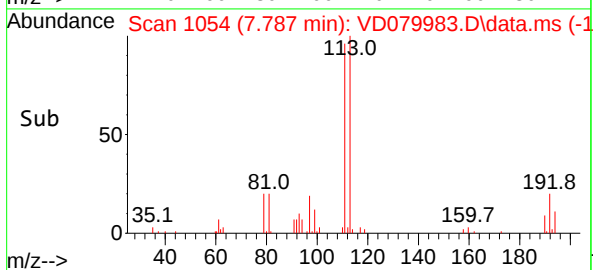
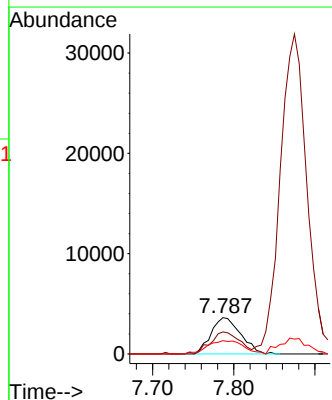
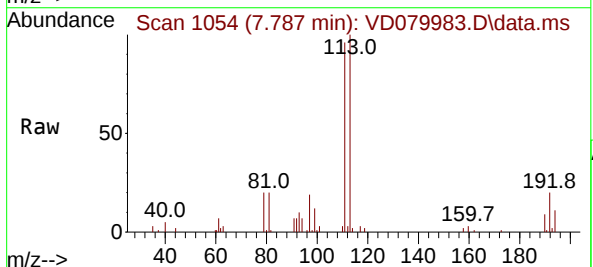
Manual Integrations
APPROVED

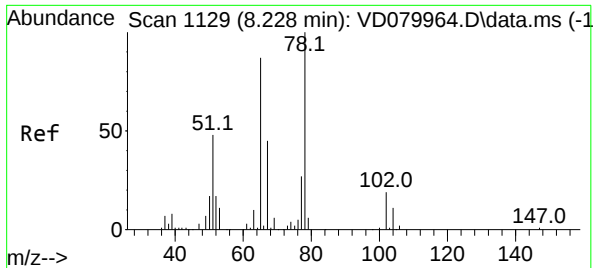
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#32
1,1,1-Trichloroethane
Concen: 3.363 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion: 97 Resp: 9226
Ion Ratio Lower Upper
97 100
99 58.6 50.7 76.1
61 43.8 34.2 51.2





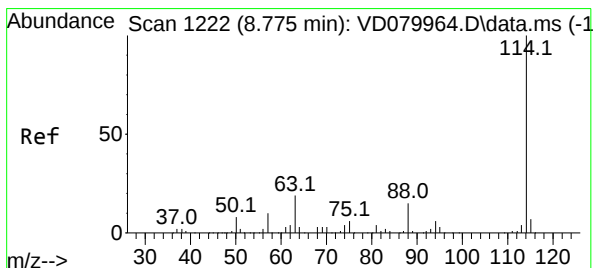
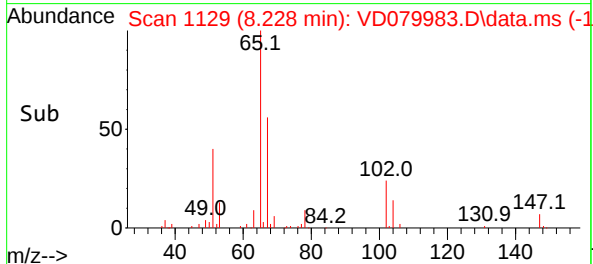
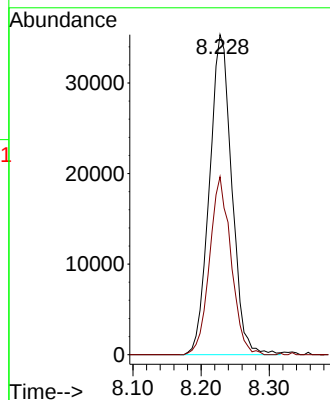
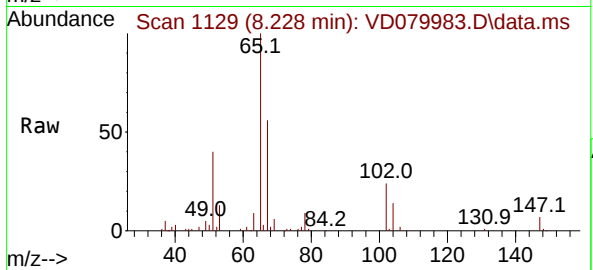
#33
1,2-Dichloroethane-d4
Concen: 51.742 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 65 Resp: 8069
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.2

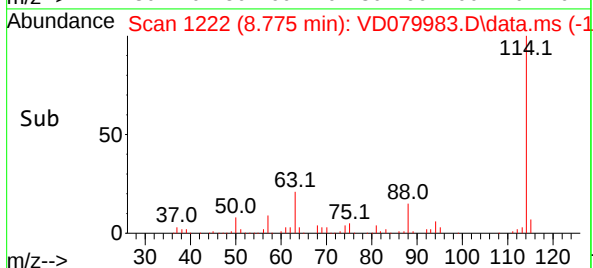
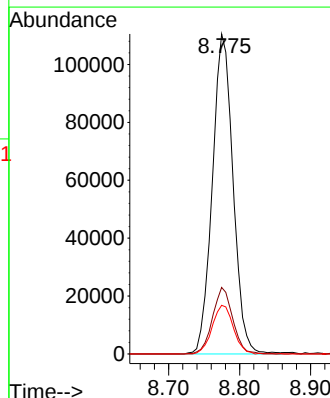
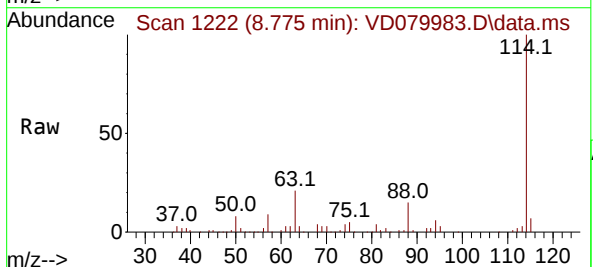
Manual Integrations
APPROVED

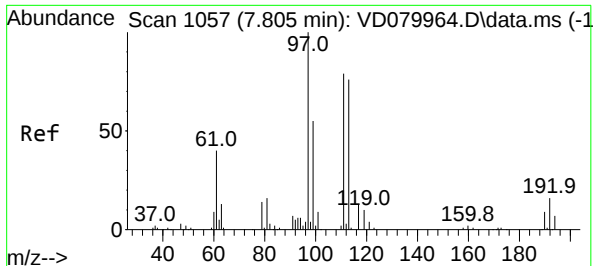
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:114 Resp: 223690
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.8
88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.332 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024

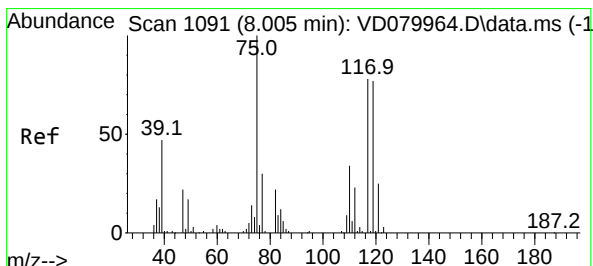
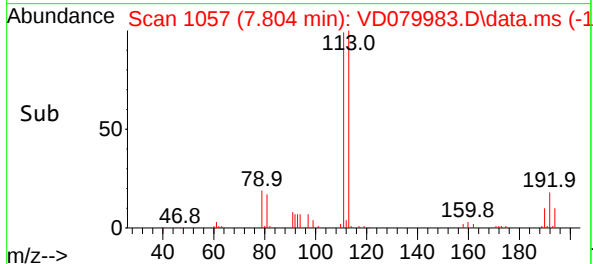
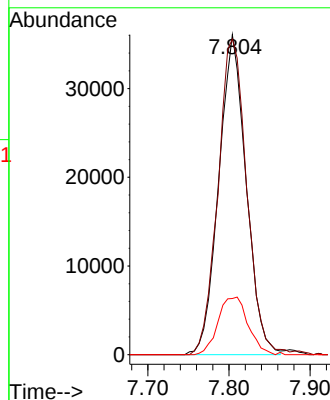
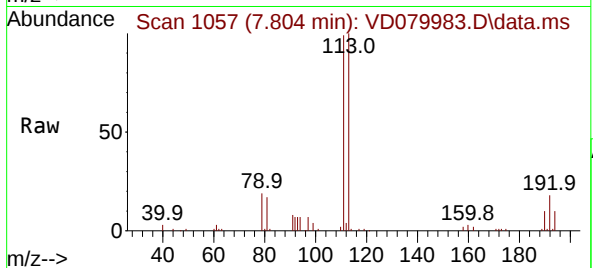
Tgt Ion: 113 Resp: 8449

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.5	123.7
192	19.8	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#36

1,1-Dichloropropene

Concen: 3.314 ug/l

RT: 8.004 min Scan# 1091

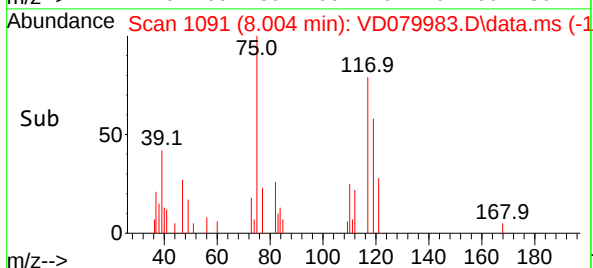
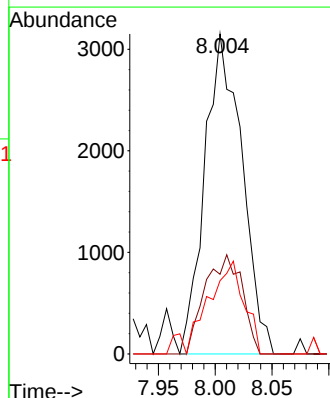
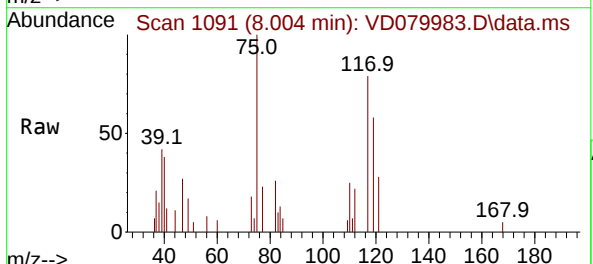
Delta R.T. -0.000 min

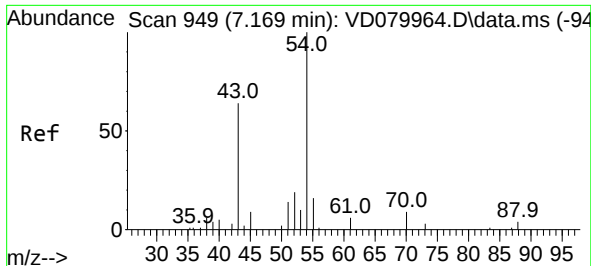
Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion: 75 Resp: 7172

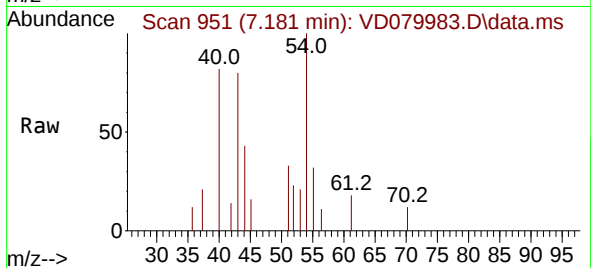
Ion	Ratio	Lower	Upper
75	100		
110	30.8	18.4	55.0
77	29.2	25.6	38.4





#37
Ethyl Acetate
Concen: 3.118 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

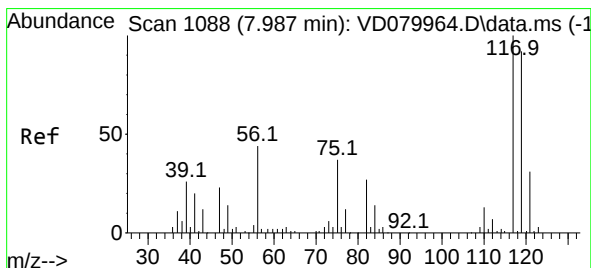
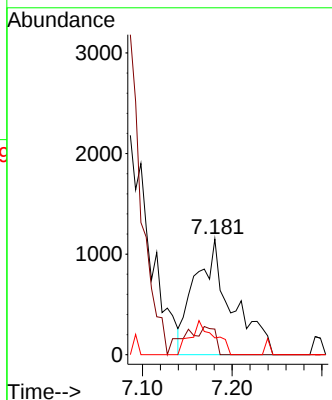
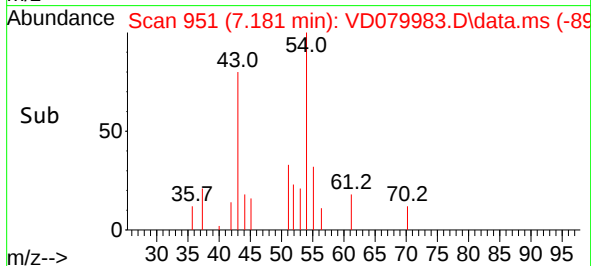
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4
70 19.3 9.4 14.2

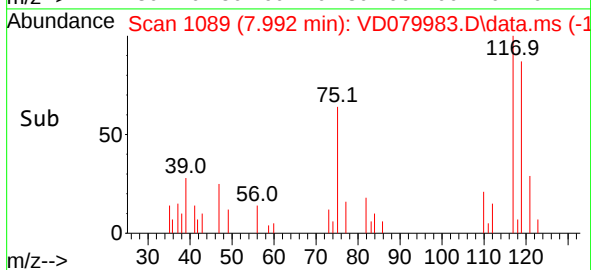
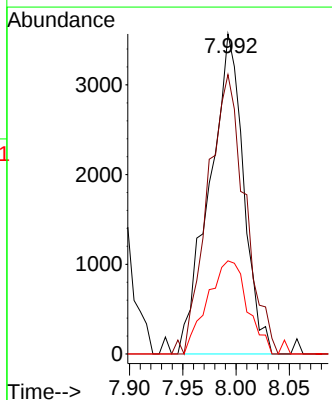
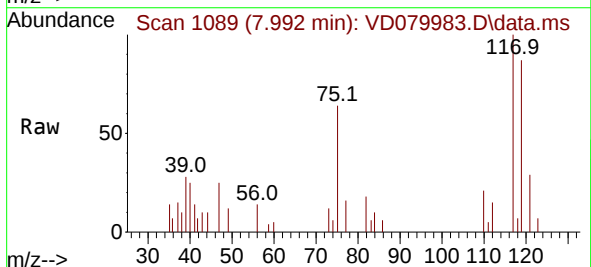
Manual Integrations
APPROVED

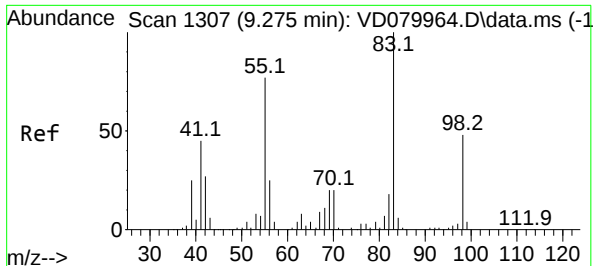
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#38
Carbon Tetrachloride
Concen: 3.292 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

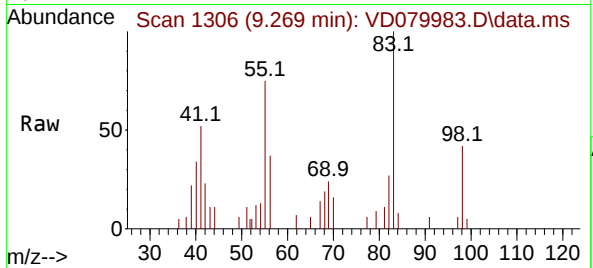
Tgt Ion:117 Resp: 7916
Ion Ratio Lower Upper
117 100
119 87.3 73.4 110.0
121 29.1 24.5 36.7





#39
Methylcyclohexane
Concen: 3.007 ug/l
RT: 9.269 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

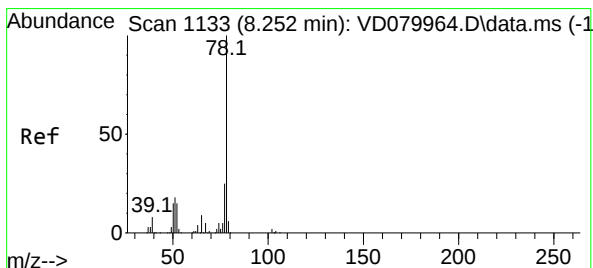
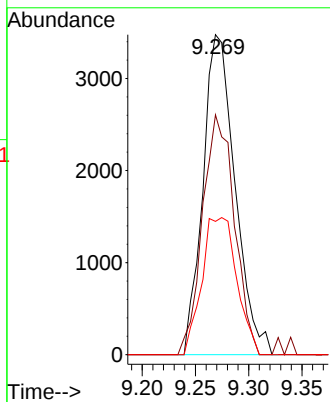
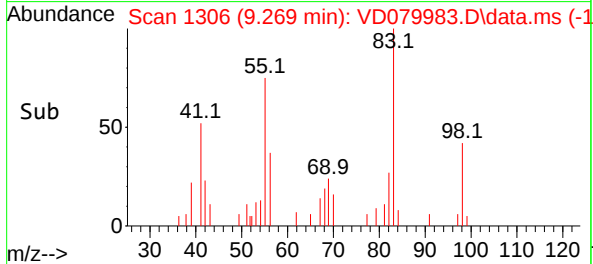
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 83 Resp: 7302
Ion Ratio Lower Upper
83 100
55 75.0 62.0 93.0
98 41.7 38.7 58.1

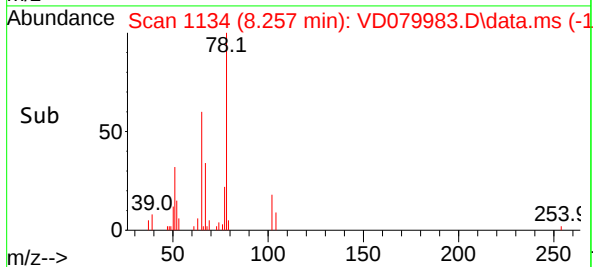
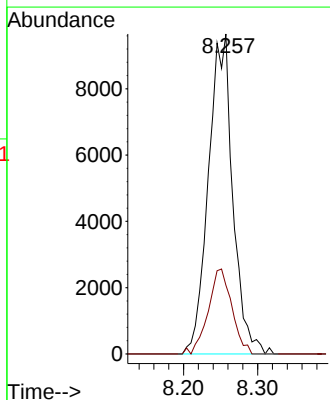
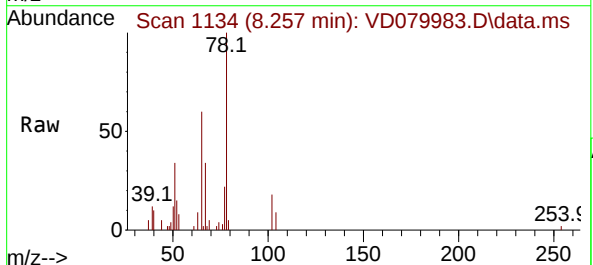
Manual Integrations
APPROVED

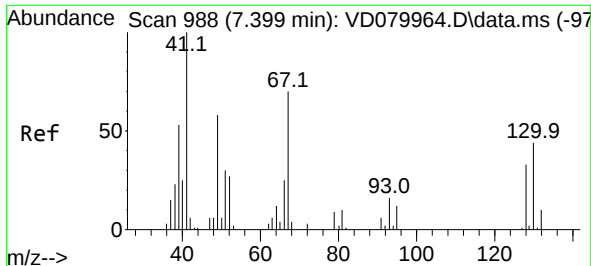
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#40
Benzene
Concen: 3.222 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

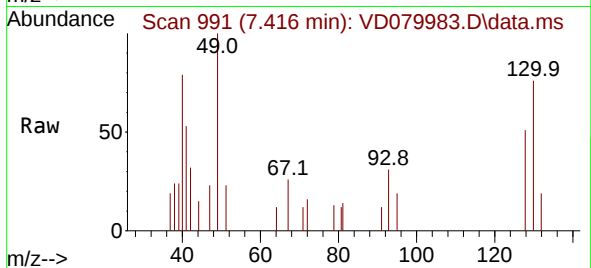
Tgt Ion: 78 Resp: 22050
Ion Ratio Lower Upper
78 100
77 21.5 20.2 30.4





#41
Methacrylonitrile
Concen: 3.921 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

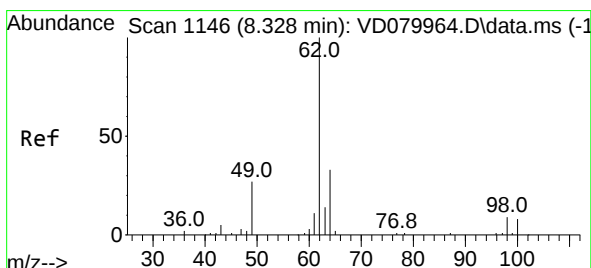
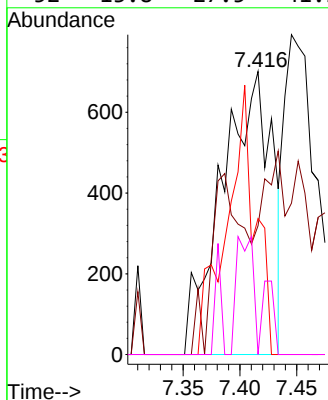
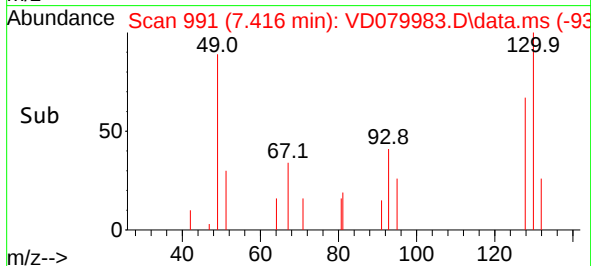
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 41 Resp: 215
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.8
67 54.3 64.9 97.3
52 13.8 27.5 41.3

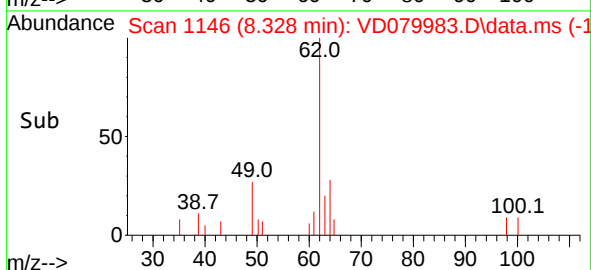
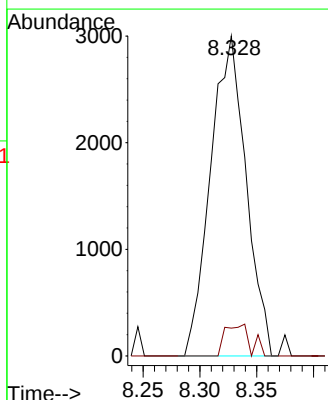
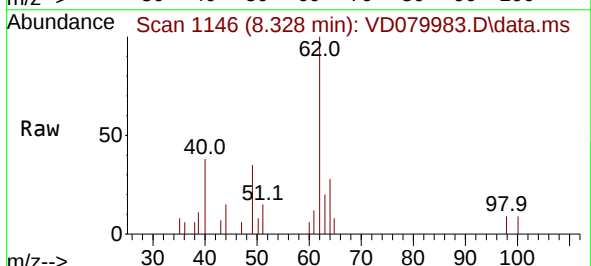
Manual Integrations
APPROVED

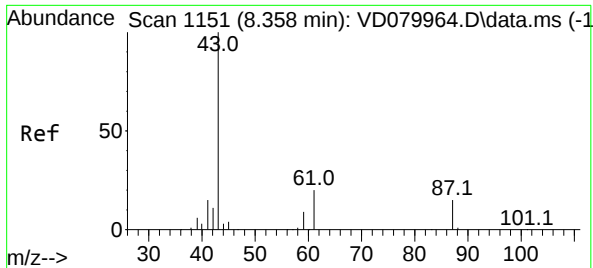
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#42
1,2-Dichloroethane
Concen: 3.465 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

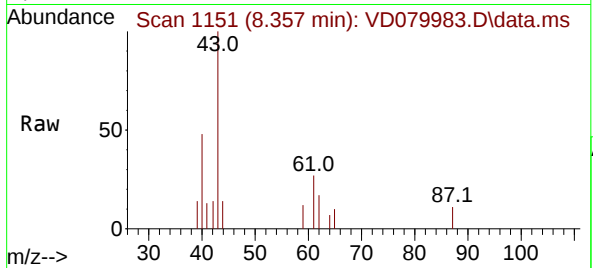
Tgt Ion: 62 Resp: 6520
Ion Ratio Lower Upper
62 100
98 7.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 3.185 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

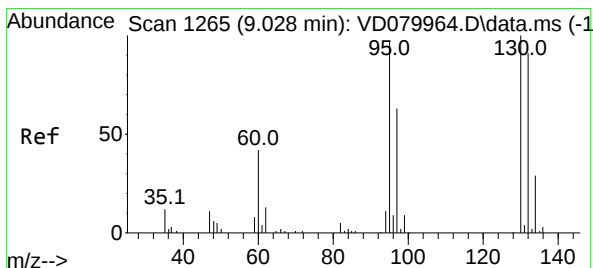
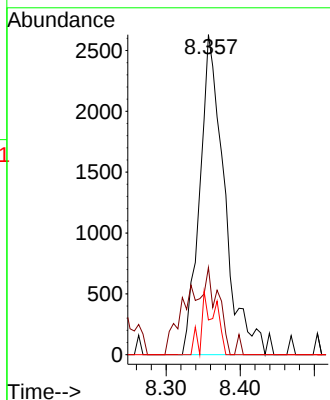
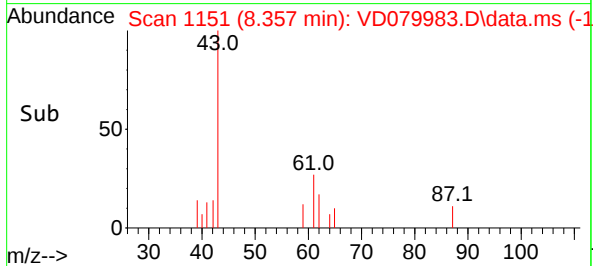
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
61 15.7 26.2 39.2
87 11.2 11.8 17.8

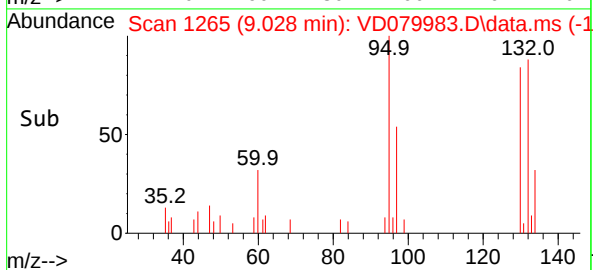
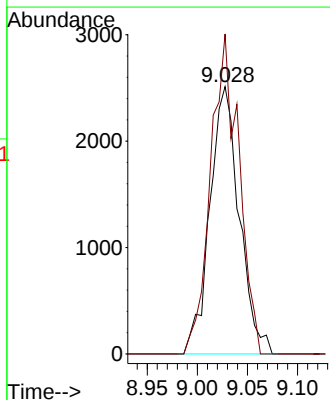
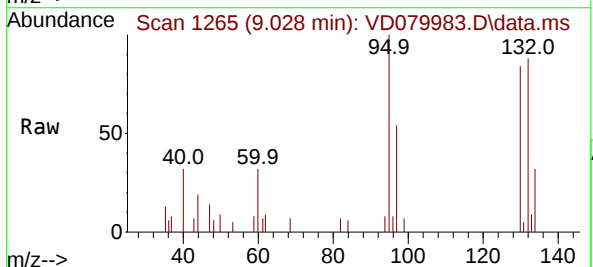
Manual Integrations
APPROVED

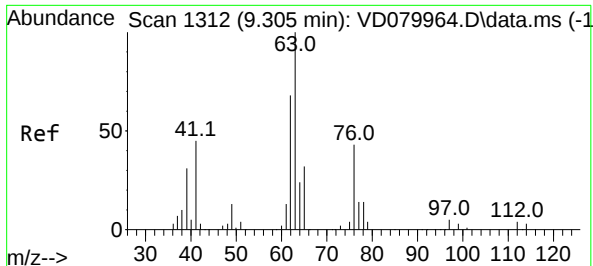
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#44
Trichloroethene
Concen: 3.028 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:130 Resp: 5126
Ion Ratio Lower Upper
130 100
95 119.7 0.0 194.6





#45

1,2-Dichloropropane

Concen: 3.229 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

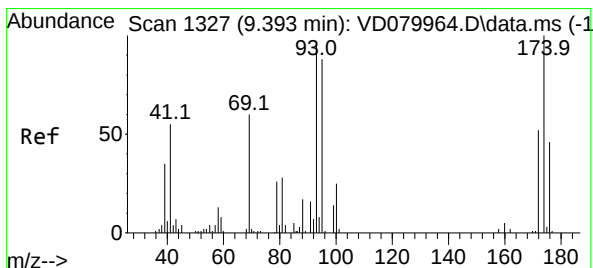
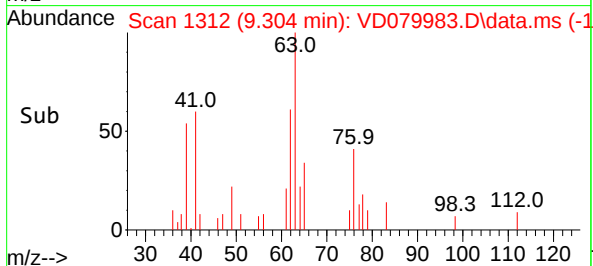
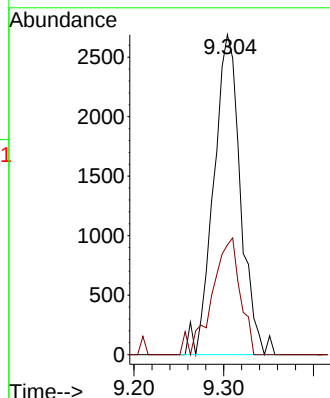
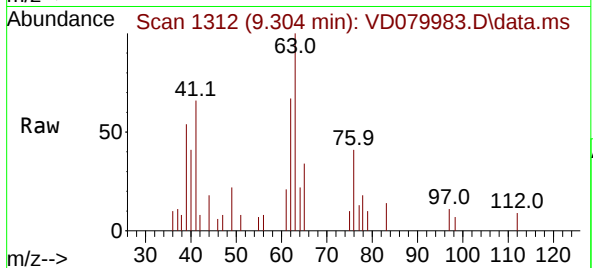
ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 63 Resp: 560
 Ion Ratio Lower Upper
 63 100
 65 34.3 26.2 39.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024



#46

Dibromomethane

Concen: 3.274 ug/l

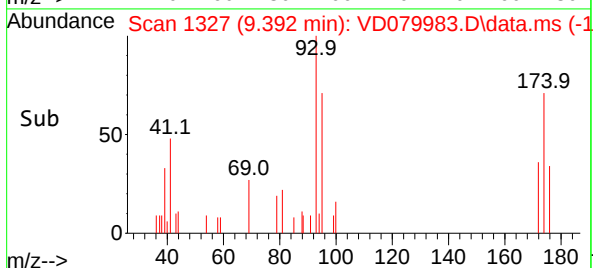
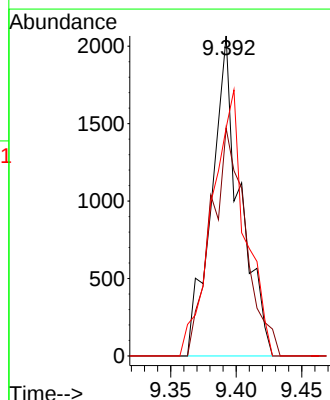
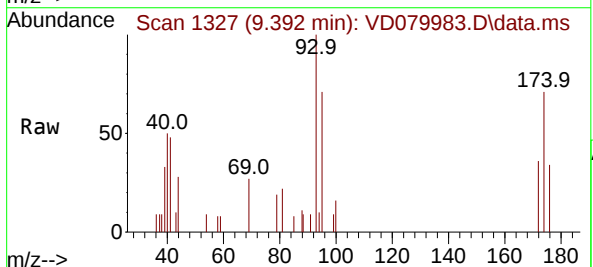
RT: 9.392 min Scan# 1327

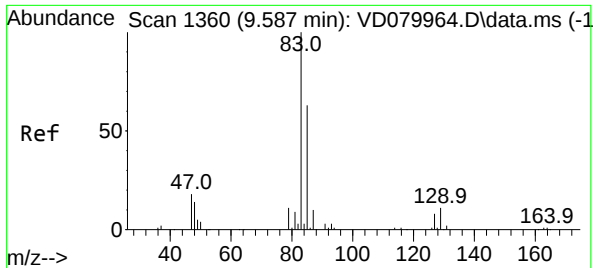
Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion: 93 Resp: 3135
 Ion Ratio Lower Upper
 93 100
 95 86.6 67.9 101.9
 174 97.1 80.5 120.7





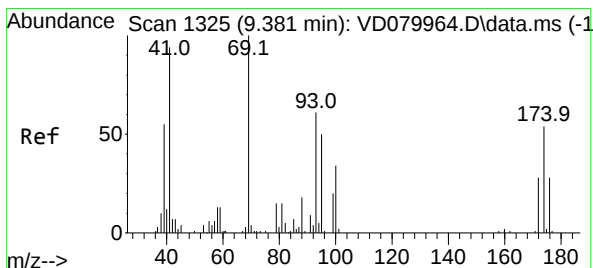
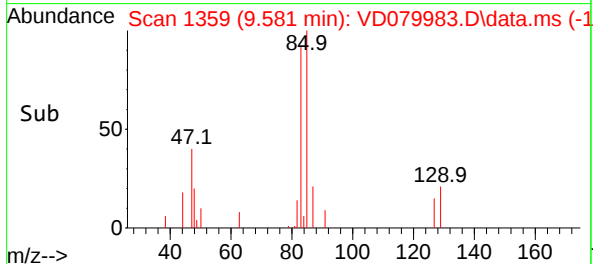
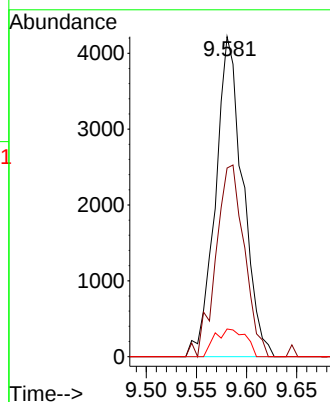
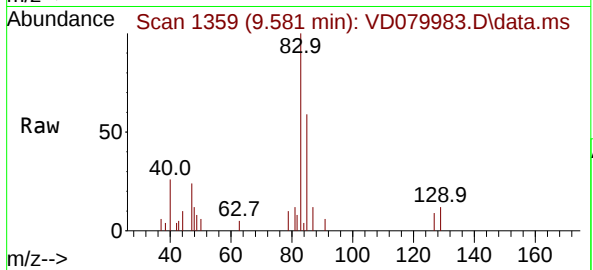
#47
Bromodichloromethane
Concen: 3.152 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 83 Resp: 8004
Ion Ratio Lower Upper
83 100
85 58.9 50.6 75.8
127 8.6 6.1 9.1

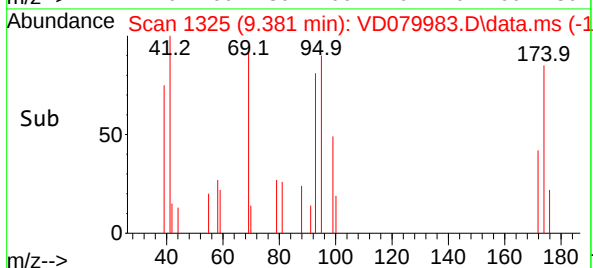
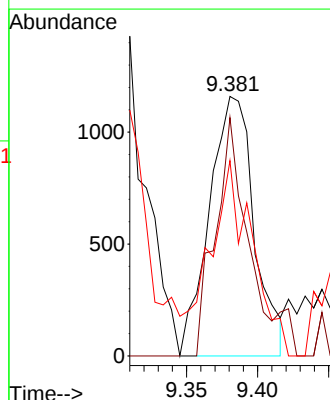
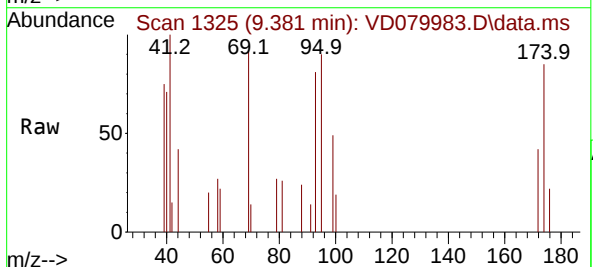
Manual Integrations
APPROVED

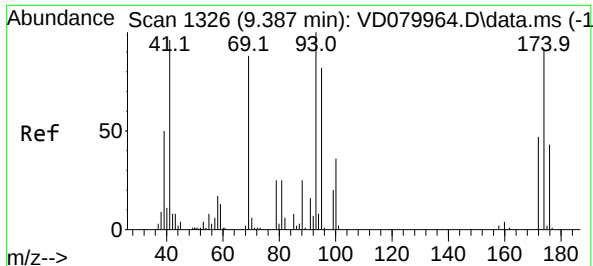
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#48
Methyl methacrylate
Concen: 2.934 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion: 41 Resp: 2551
Ion Ratio Lower Upper
41 100
69 70.5 74.0 111.0#
39 71.3 41.9 62.9#





#49

1,4-Dioxane

Concen: 68.248 ug/l

RT: 9.392 min Scan# 1326

Delta R.T. 0.005 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

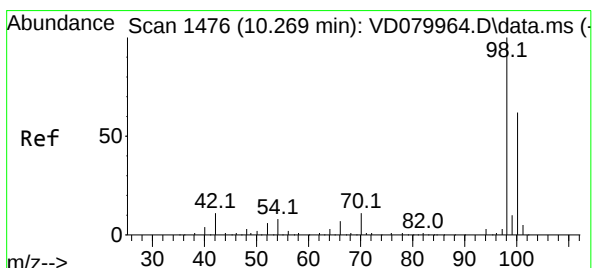
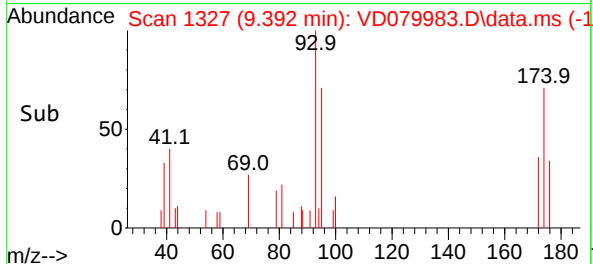
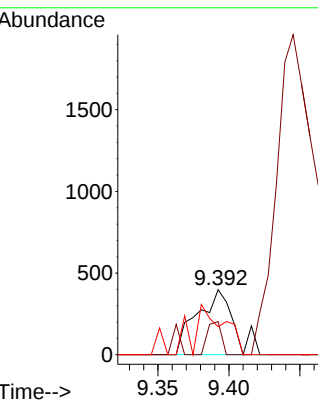
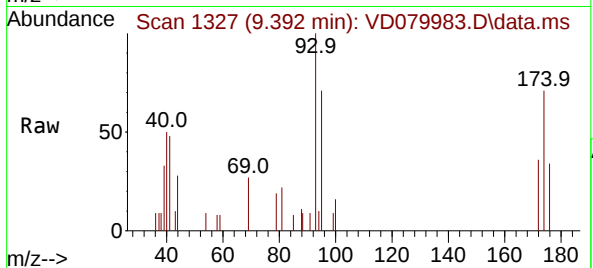
MDL-SOIL-03-QT4-2024

Tgt Ion: 88 Resp: 718
 Ion Ratio Lower Upper
 88 100
 43 19.1 29.1 43.7
 58 65.2 59.9 89.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024



#50

Toluene-d8

Concen: 47.825 ug/l

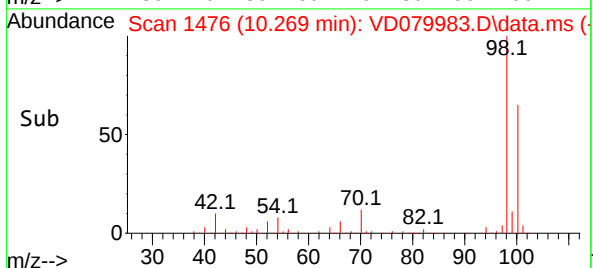
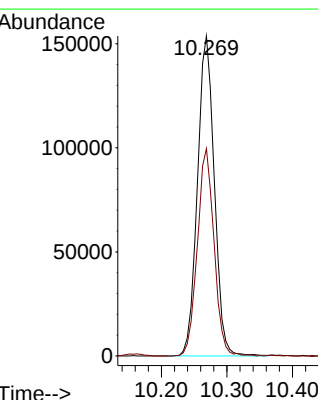
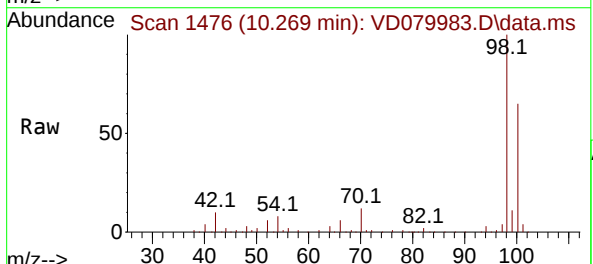
RT: 10.269 min Scan# 1476

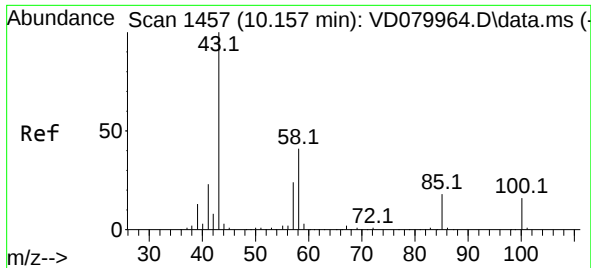
Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

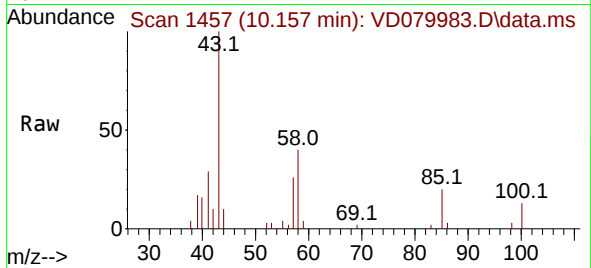
Tgt Ion: 98 Resp: 275155
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 12.004 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

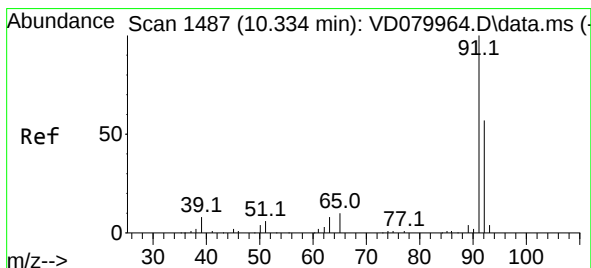
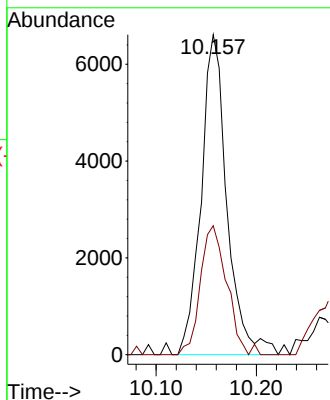
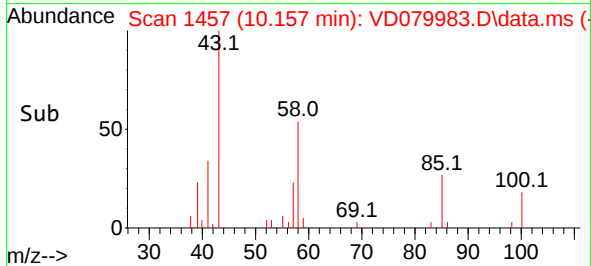
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



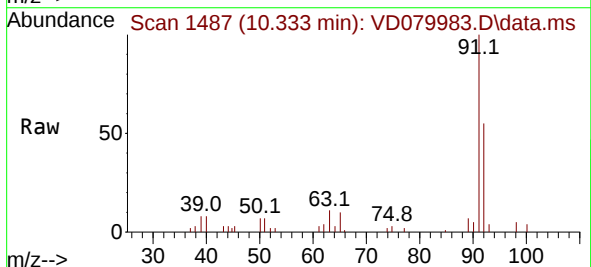
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2

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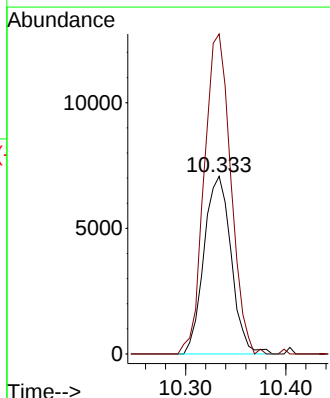
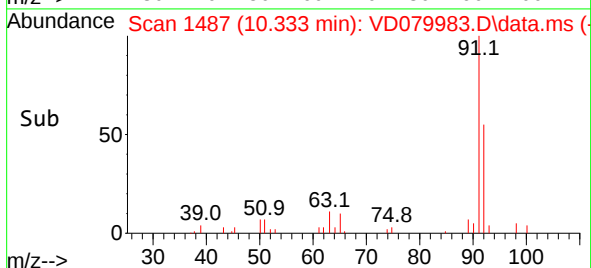
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

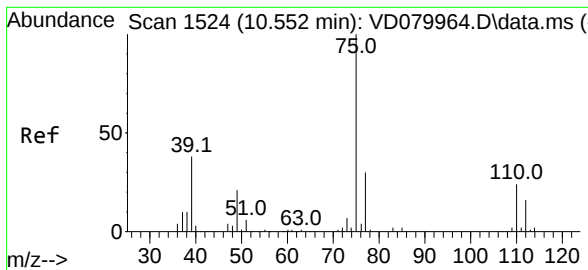


#52
Toluene
Concen: 3.183 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



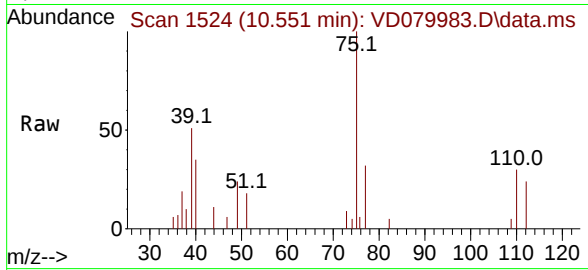
Tgt Ion: 92 Resp: 13336
Ion Ratio Lower Upper
92 100
91 176.2 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 2.705 ug/l
RT: 10.551 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

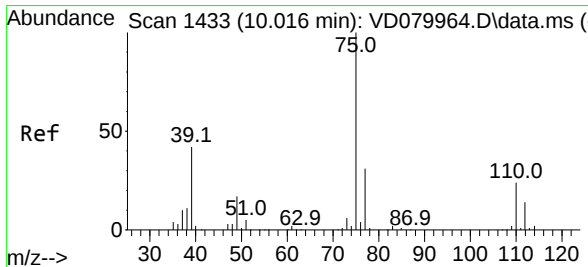
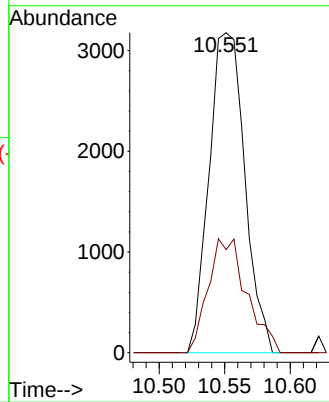
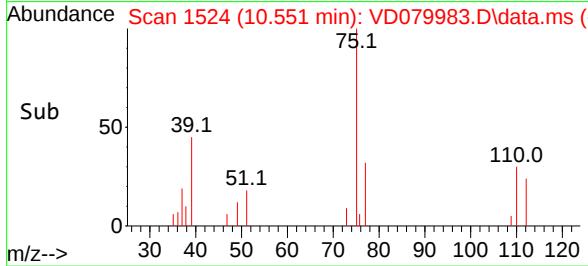
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 75 Resp: 601
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1

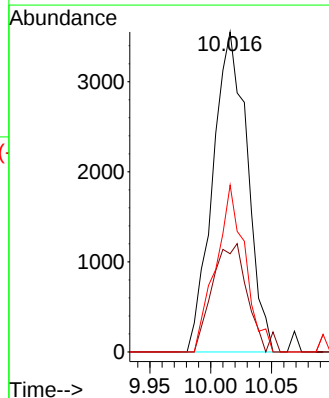
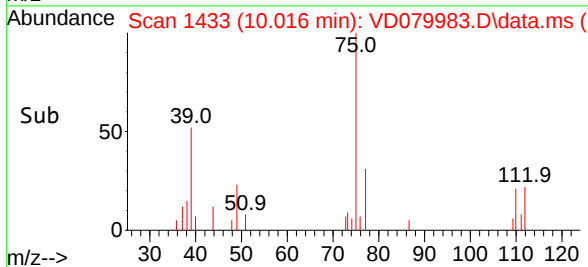
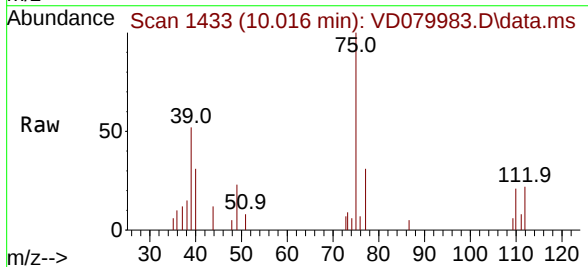
Manual Integrations
APPROVED

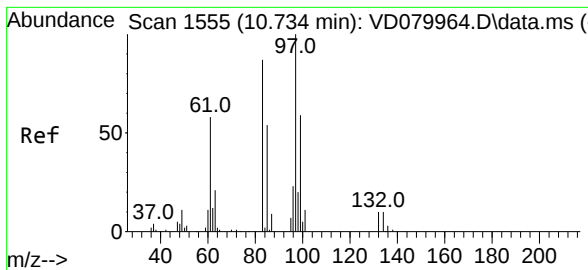
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#54
cis-1,3-Dichloropropene
Concen: 2.666 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

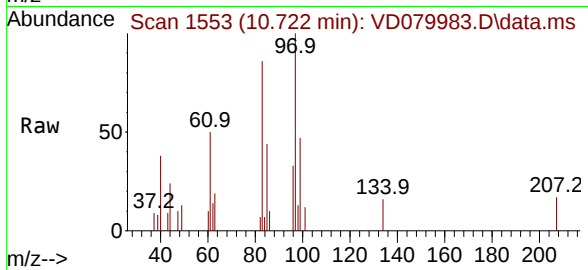
Tgt Ion: 75 Resp: 6994
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4
39 52.2 33.2 49.8#





#55
1,1,2-Trichloroethane
Concen: 3.313 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. -0.012 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

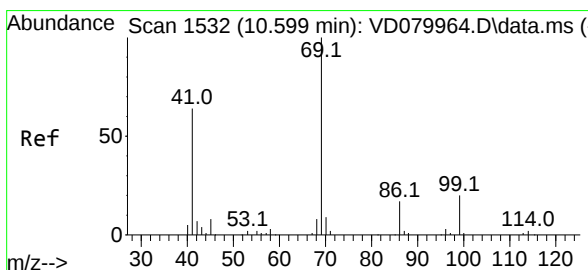
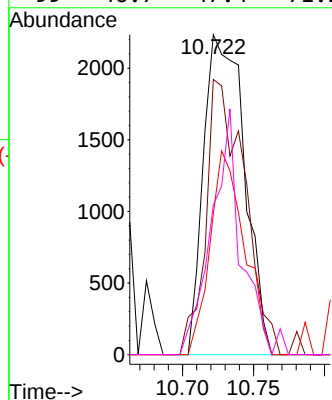
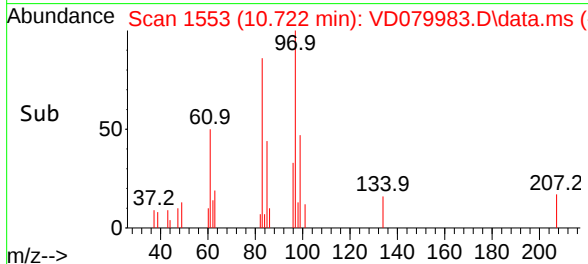
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



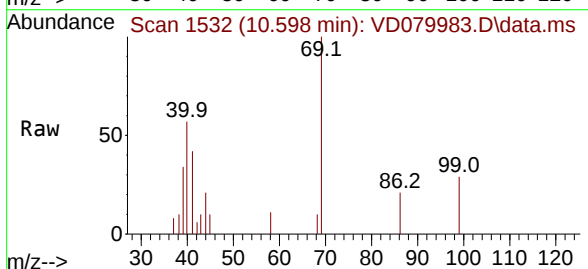
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.2	103.8
85	44.0	43.0	64.6
99	46.7	47.4	71.2#

Manual Integrations
APPROVED

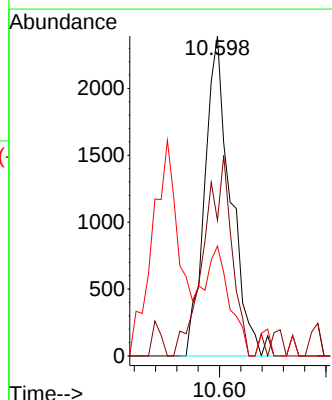
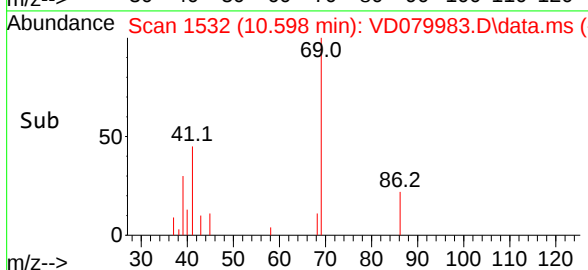
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

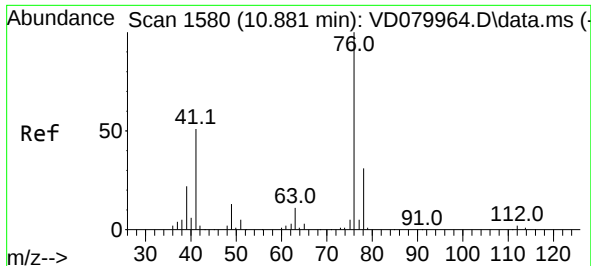


#56
Ethyl methacrylate
Concen: 2.576 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	50.4	75.6
39	26.3	26.0	39.0





#57

1,3-Dichloropropane

Concen: 3.110 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD079983.D

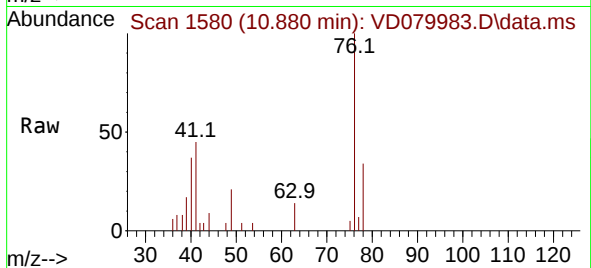
Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024



Tgt Ion: 76 Resp: 675

Ion Ratio Lower Upper

76 100

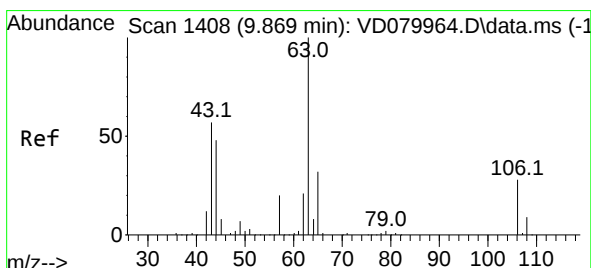
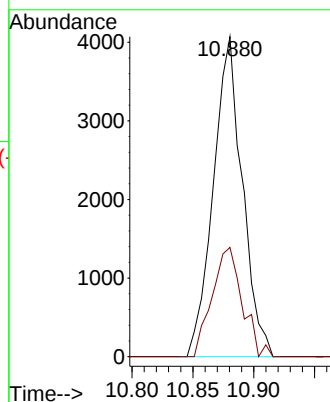
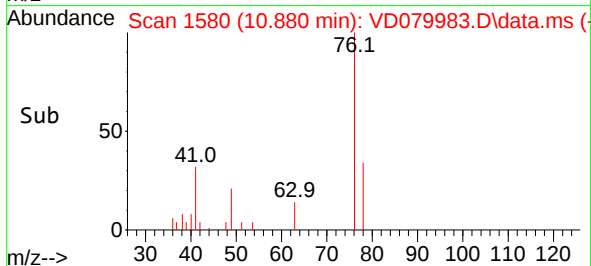
78 35.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024

Supervised By :Semsettin Yesilyurt 10/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 13.473 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079983.D

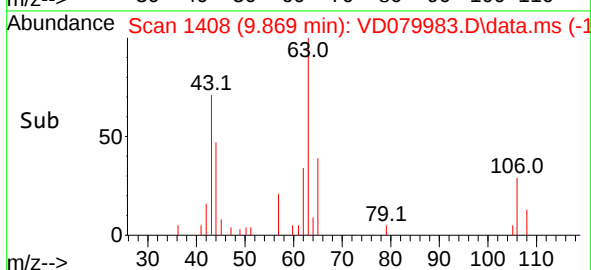
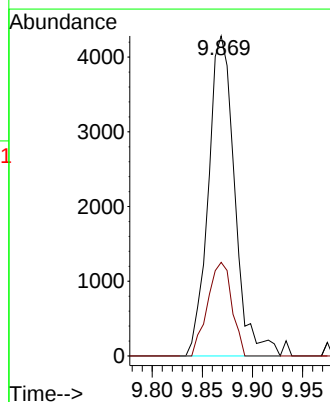
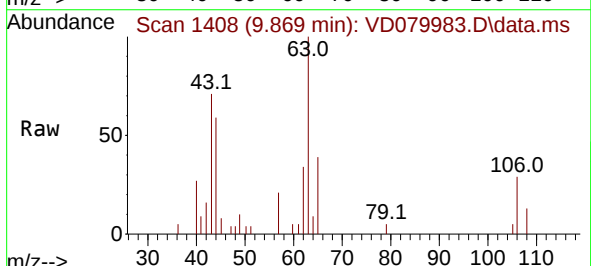
Acq: 15 Oct 2024 13:42

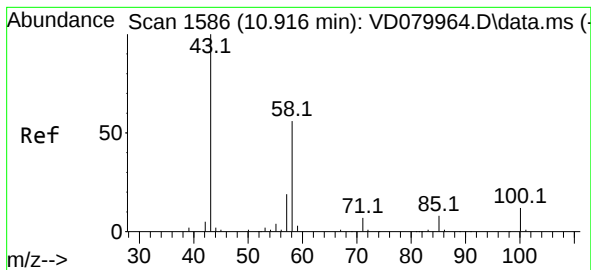
Tgt Ion: 63 Resp: 7833

Ion Ratio Lower Upper

63 100

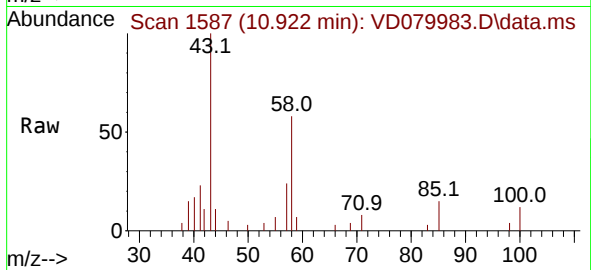
106 26.9 21.8 32.6





#59
2-Hexanone
Concen: 12.046 ug/l
RT: 10.922 min Scan# 1109
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

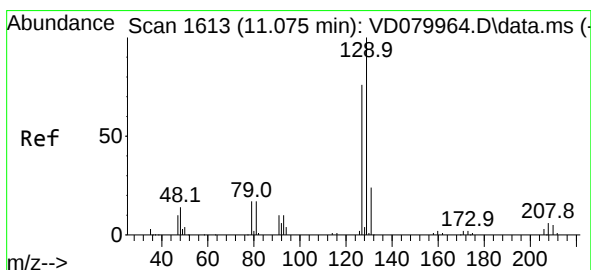
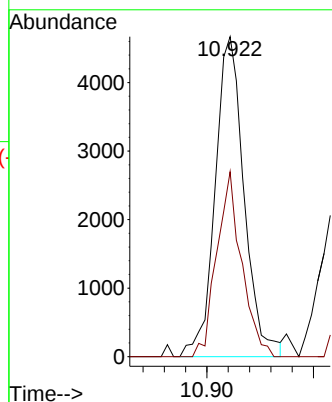
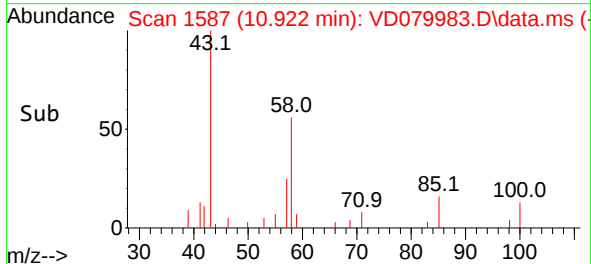
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 8809
Ion Ratio Lower Upper
43 100
58 49.7 27.8 83.4

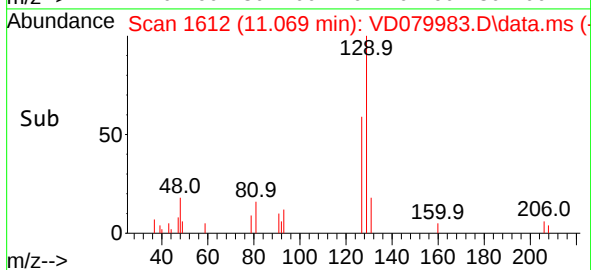
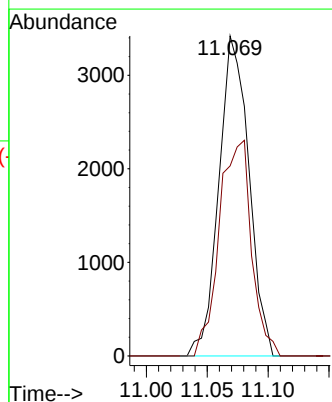
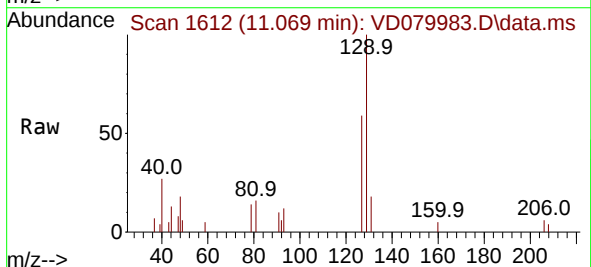
Manual Integrations
APPROVED

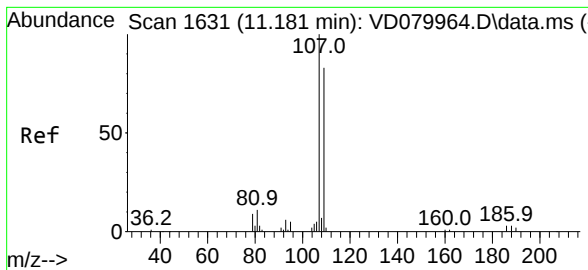
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#60
Dibromochloromethane
Concen: 3.355 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

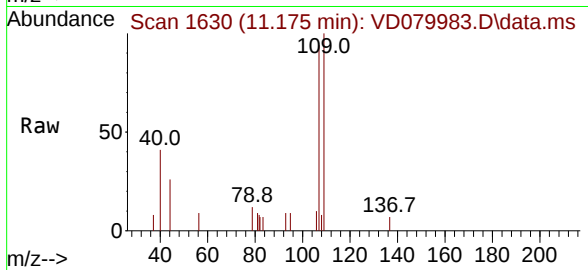
Tgt Ion:129 Resp: 5862
Ion Ratio Lower Upper
129 100
127 72.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 3.011 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

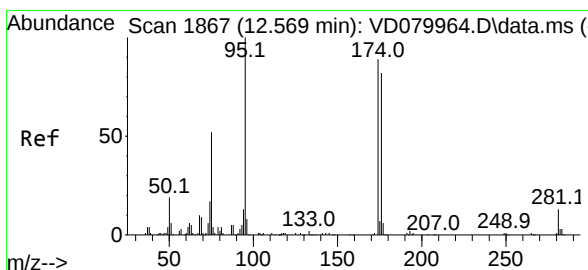
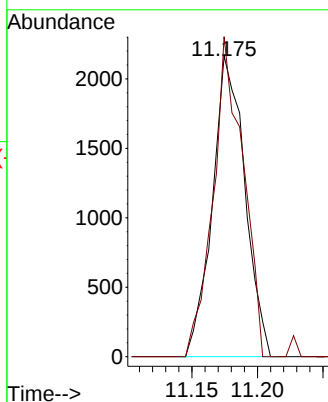
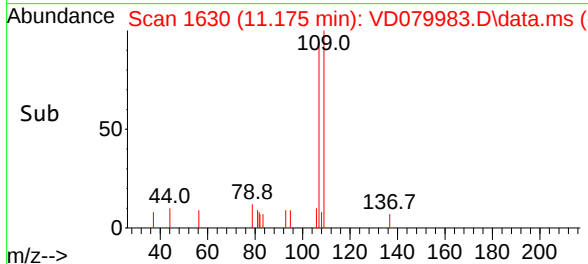
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



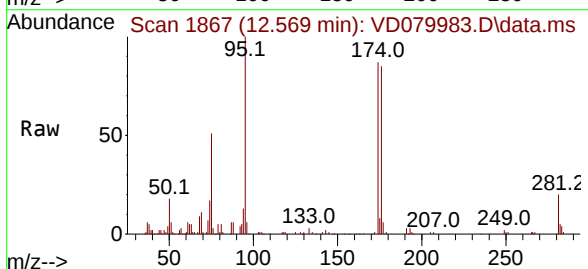
Tgt Ion:107 Resp: 372
Ion Ratio Lower Upper
107 100
109 98.4 73.9 110.9

Manual Integrations
APPROVED

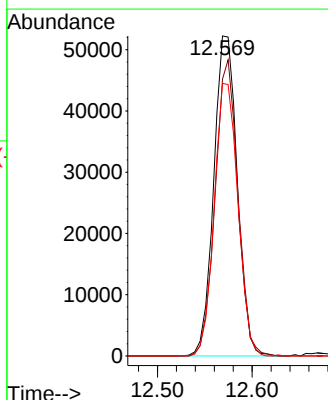
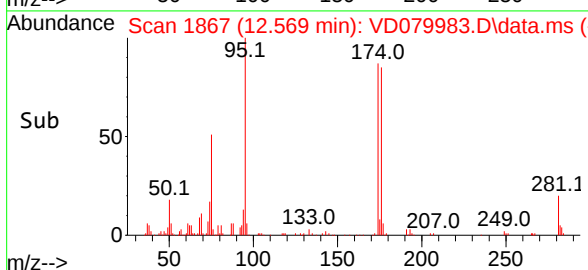
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

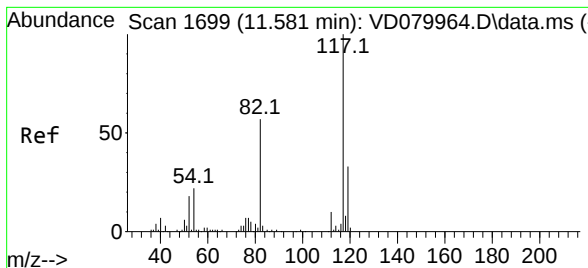


#62
4-Bromofluorobenzene
Concen: 44.729 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion: 95 Resp: 89835
Ion Ratio Lower Upper
95 100
174 89.7 0.0 173.4
176 86.0 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079983.D

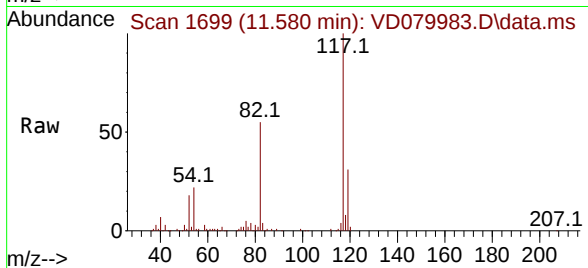
Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT4-2024



Tgt Ion:117 Resp: 204850

Ion Ratio Lower Upper

117 100

82 55.2 45.8 68.6

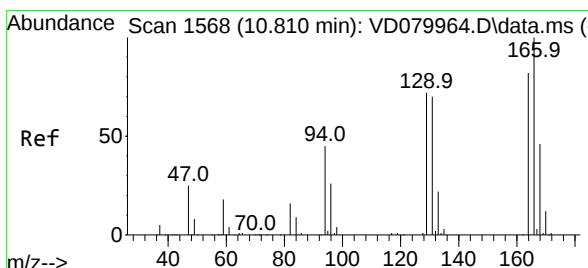
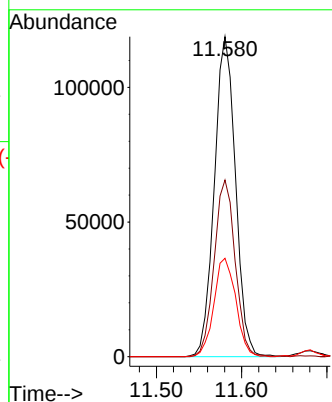
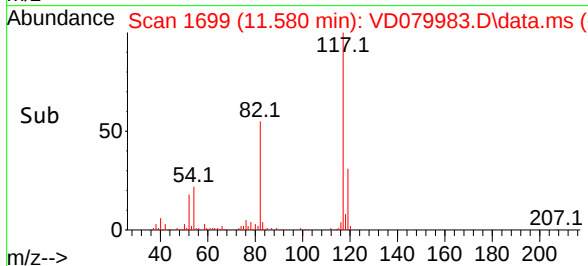
119 30.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024

Supervised By :Semsettin Yesilyurt 10/16/2024



#64

Tetrachloroethene

Concen: 3.565 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion:164 Resp: 5151

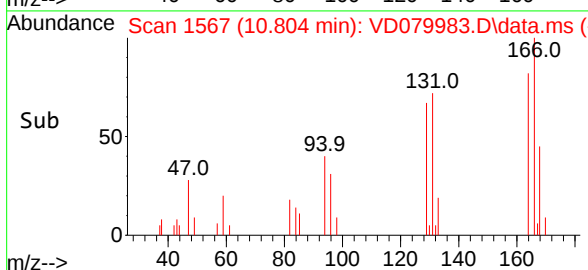
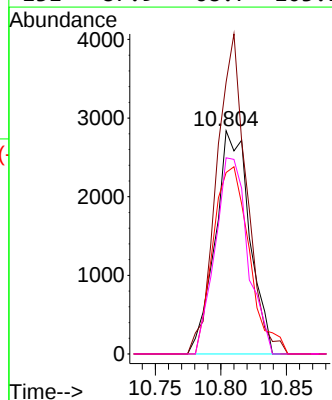
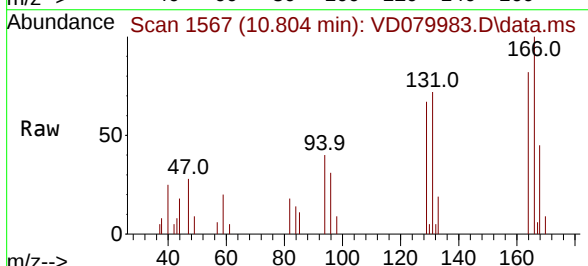
Ion Ratio Lower Upper

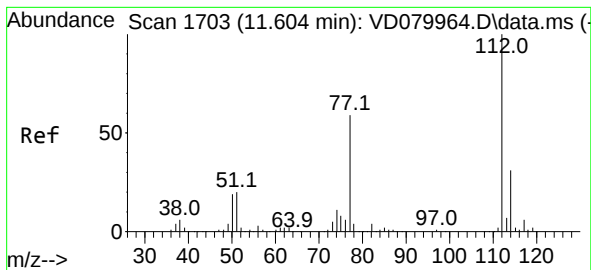
164 100

166 121.8 97.5 146.3

129 81.3 70.6 106.0

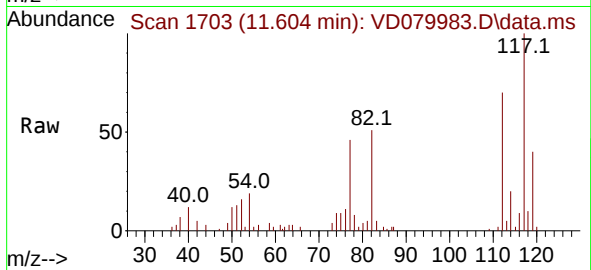
131 87.9 68.7 103.1





#65
Chlorobenzene
Concen: 3.323 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

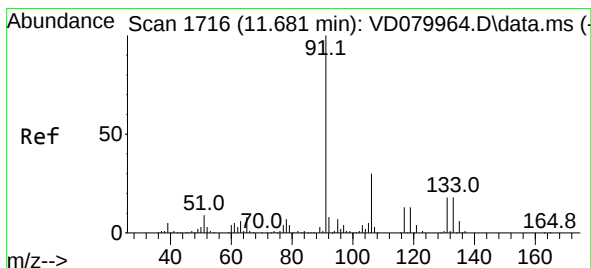
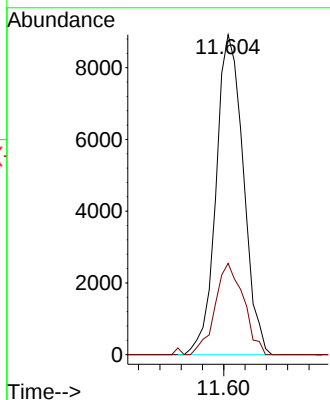
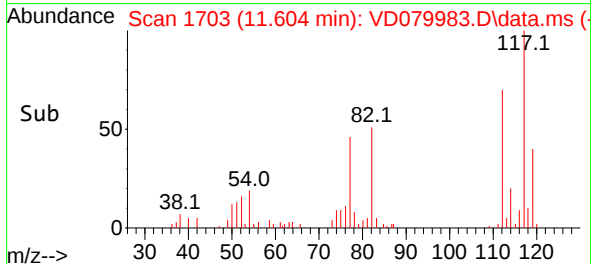
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:112 Resp: 1584
Ion Ratio Lower Upper
112 100
114 28.5 24.6 37.0

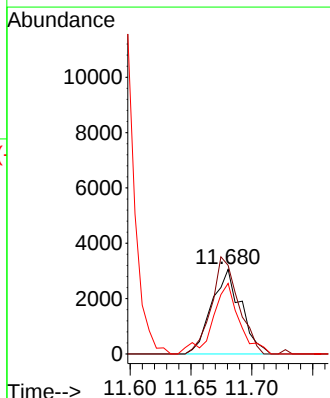
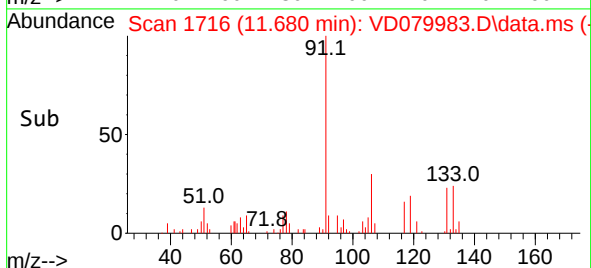
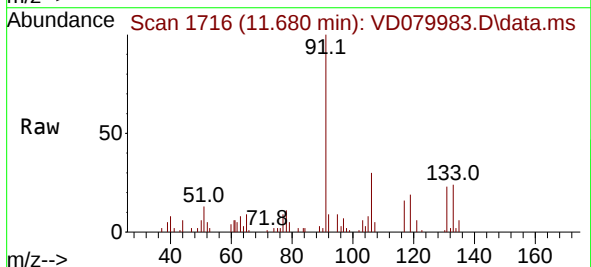
Manual Integrations
APPROVED

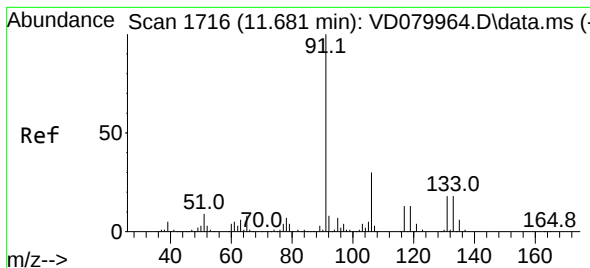
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.995 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:131 Resp: 5129
Ion Ratio Lower Upper
131 100
133 105.5 48.8 146.4
119 75.2 34.8 104.3





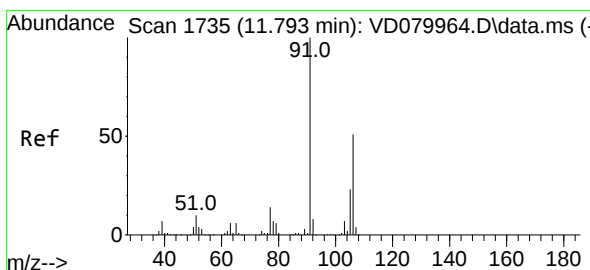
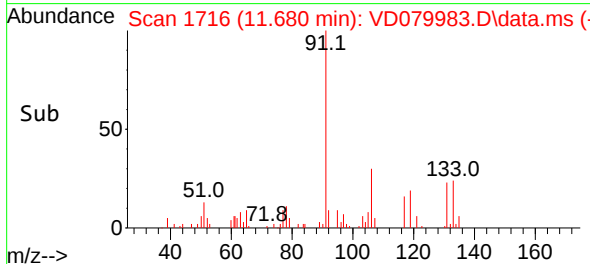
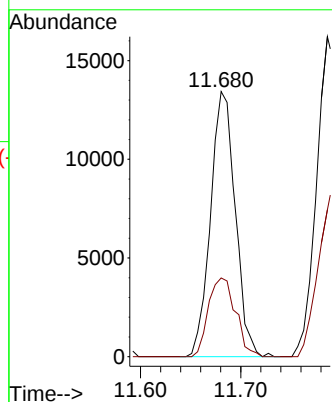
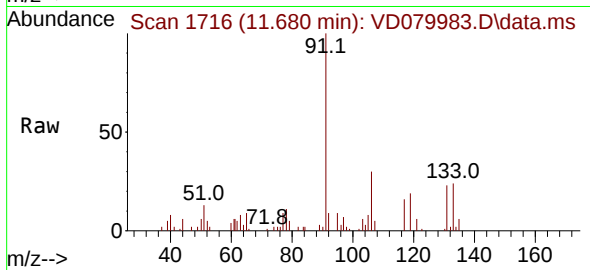
#67
Ethyl Benzene
Concen: 2.859 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 23050
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

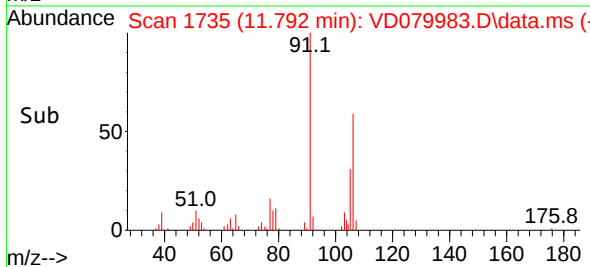
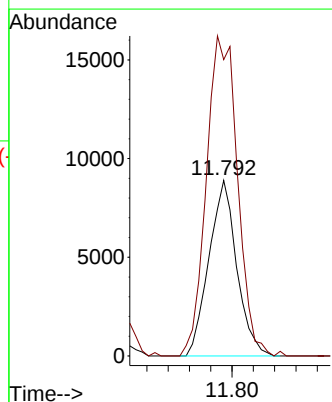
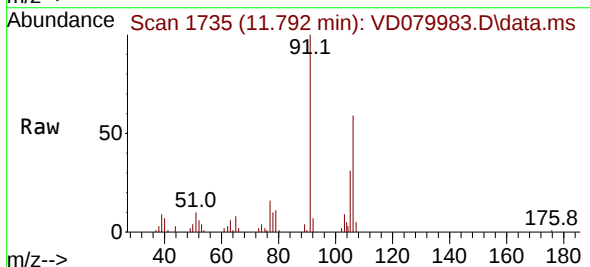
Manual Integrations
APPROVED

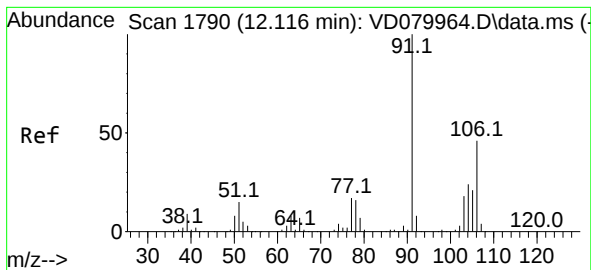
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#68
m/p-Xylenes
Concen: 5.216 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

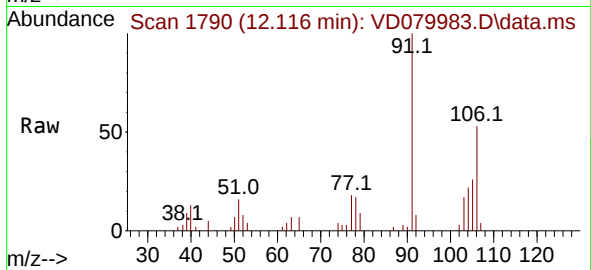
Tgt Ion:106 Resp: 16140
Ion Ratio Lower Upper
106 100
91 204.2 162.6 244.0





#69
o-Xylene
Concen: 2.682 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

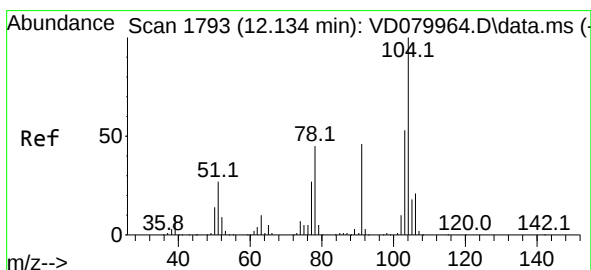
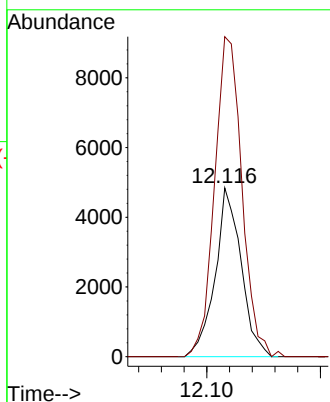
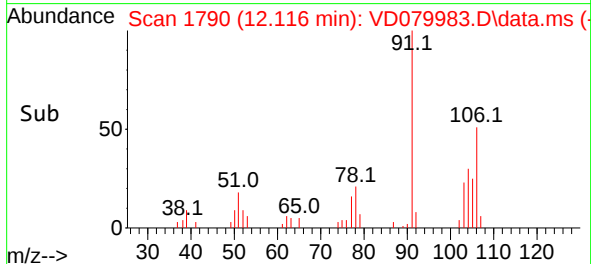
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:106 Resp: 7679
Ion Ratio Lower Upper
106 100
91 199.7 110.5 331.5

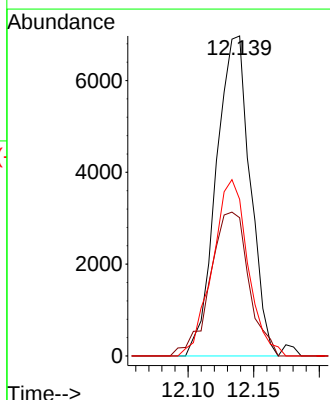
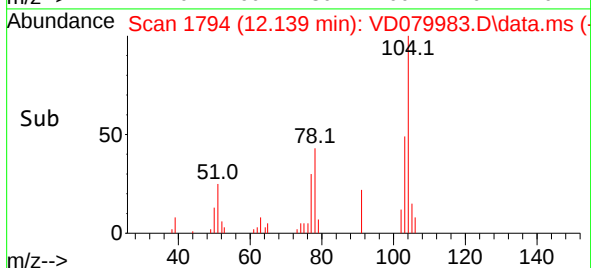
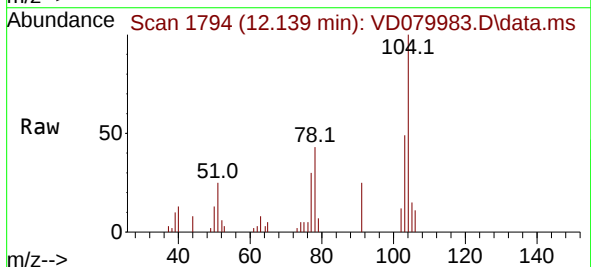
Manual Integrations
APPROVED

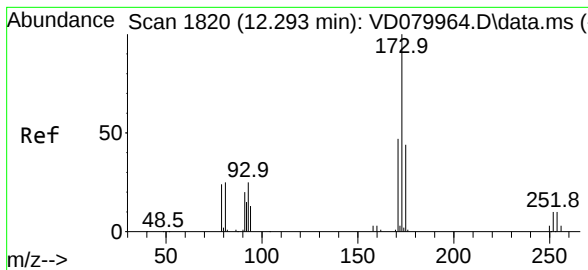
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#70
Styrene
Concen: 2.467 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

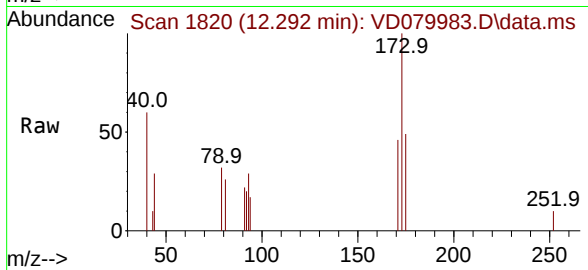
Tgt Ion:104 Resp: 12568
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 57.4 45.2 67.8





#71
Bromoform
Concen: 2.878 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

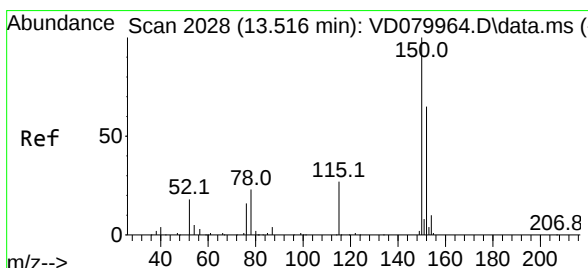
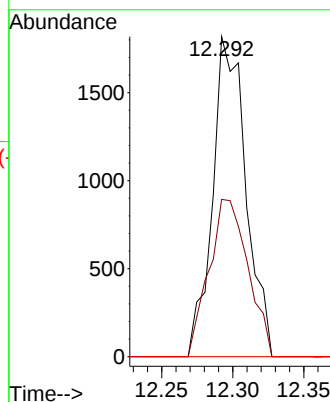
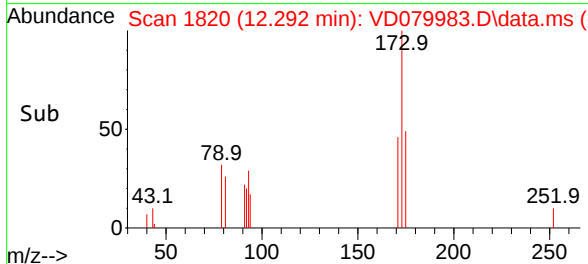
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



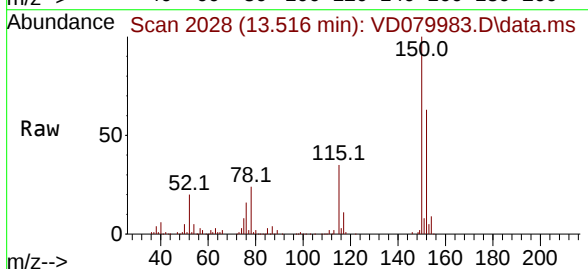
Tgt Ion:173 Resp: 2964
Ion Ratio Lower Upper
173 100
175 57.5 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

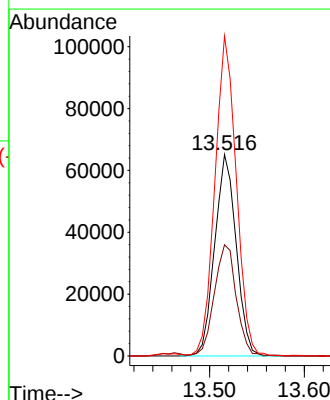
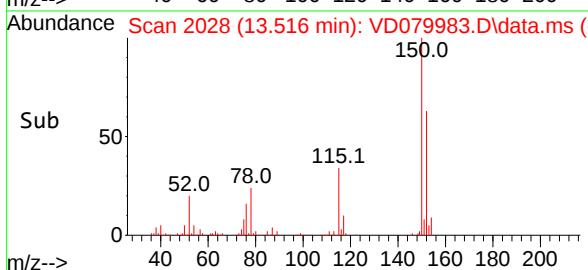
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

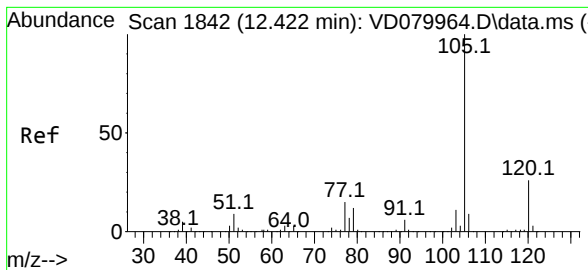


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion:152 Resp: 102516
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 158.6 0.0 354.8





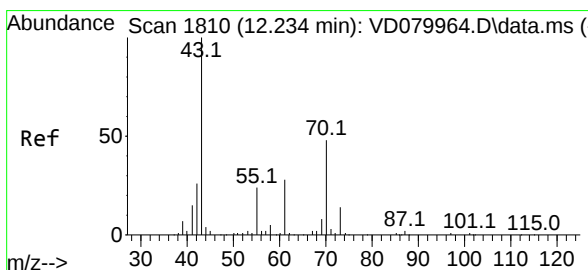
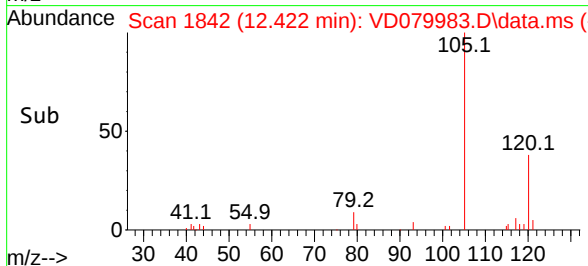
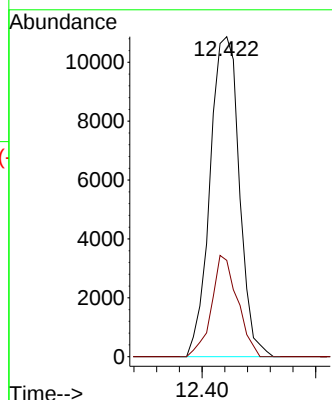
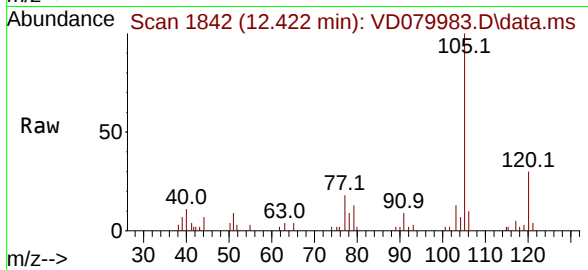
#73
Isopropylbenzene
Concen: 2.785 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:105 Resp: 1942
Ion Ratio Lower Upper
105 100
120 28.0 13.3 39.9

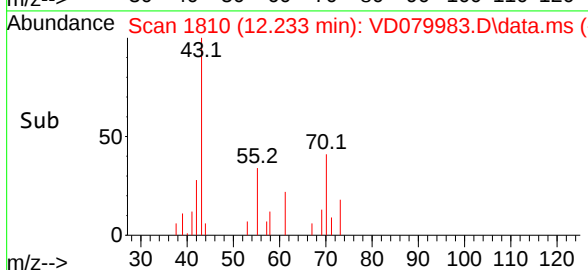
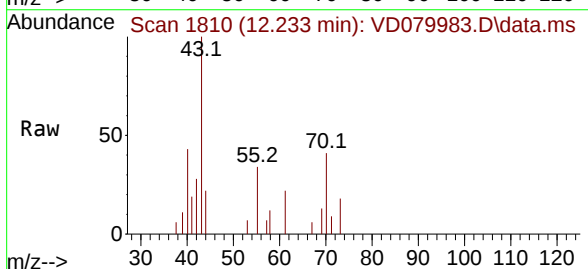
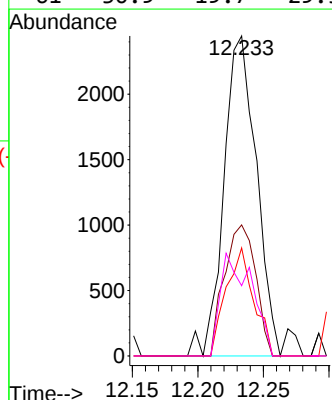
Manual Integrations
APPROVED

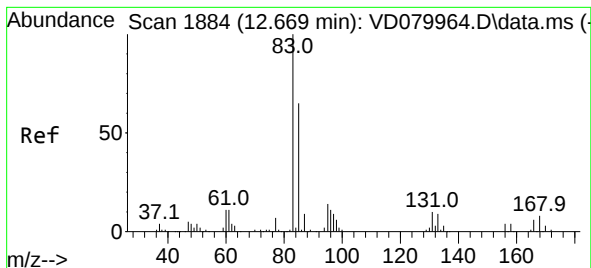
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#74
N-ethyl acetate
Concen: 2.499 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

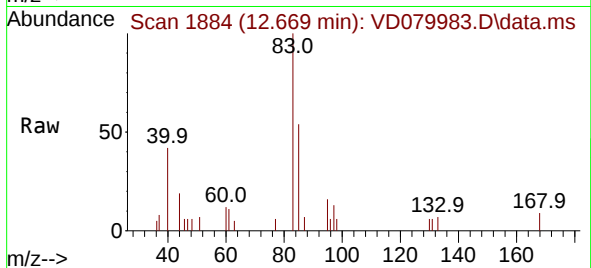
Tgt Ion: 43 Resp: 4215
Ion Ratio Lower Upper
43 100
70 39.4 36.3 54.5
55 28.7 20.3 30.5
61 30.9 19.7 29.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 3.580 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

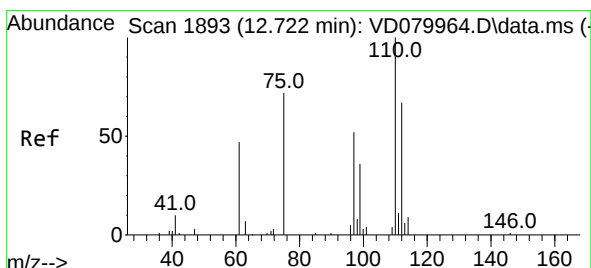
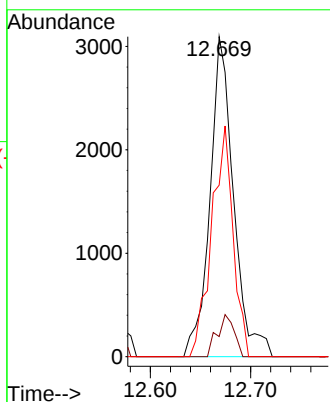
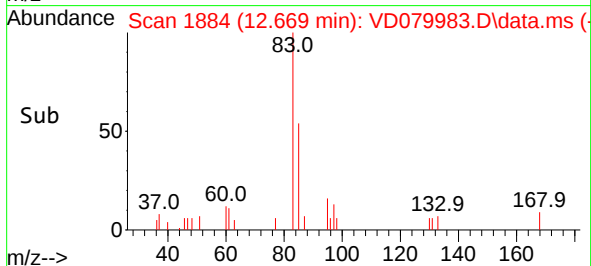
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



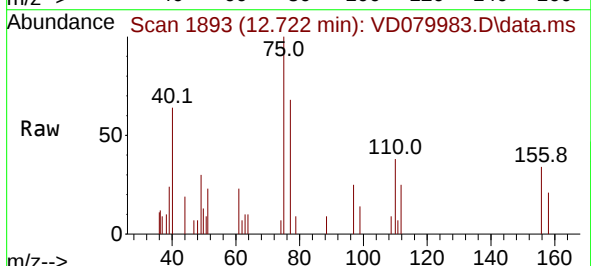
Tgt Ion: 83 Resp: 5062
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 65.3 32.9 98.6

Manual Integrations
APPROVED

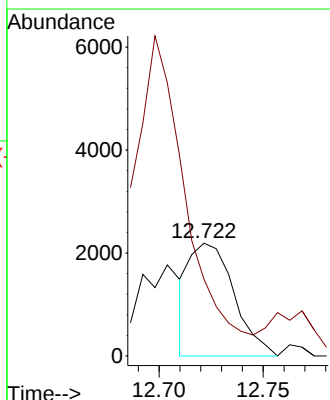
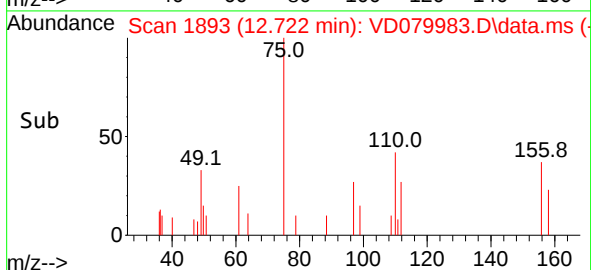
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

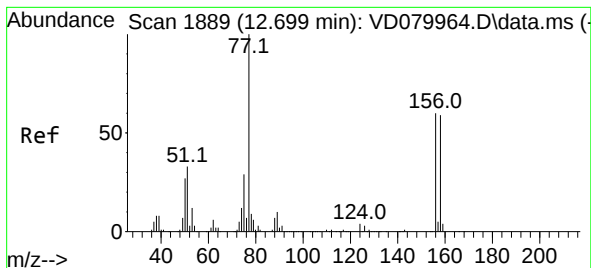


#76
1,2,3-Trichloropropane
Concen: 2.883 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion: 75 Resp: 3261
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.620 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

ClientSampleId :

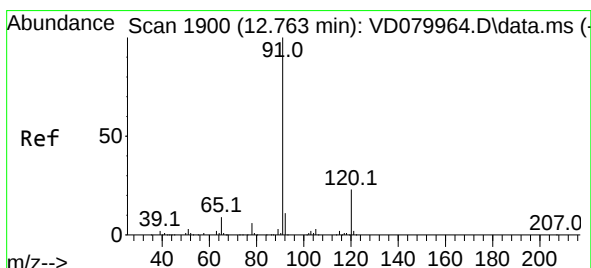
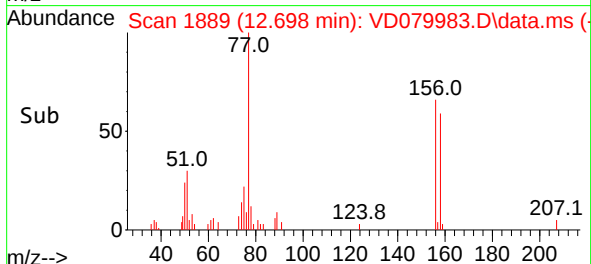
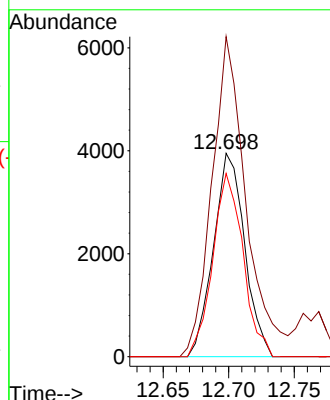
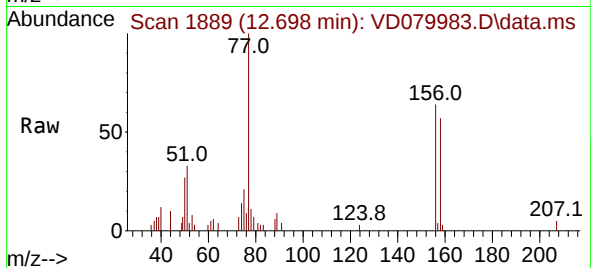
MDL-SOIL-03-QT4-2024

Tgt Ion:	156	Resp:	653
Ion Ratio	Lower	Upper	
156	100		
77	172.0	89.8	269.6
158	87.4	47.9	143.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#78

n-propylbenzene

Concen: 2.999 ug/l

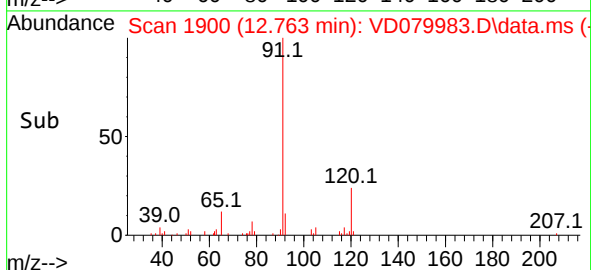
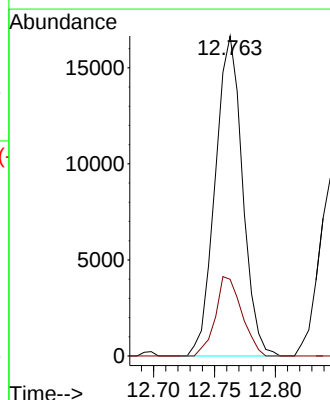
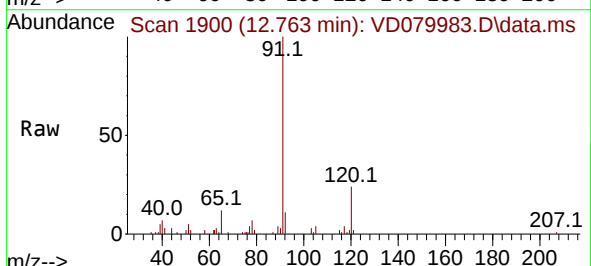
RT: 12.763 min Scan# 1900

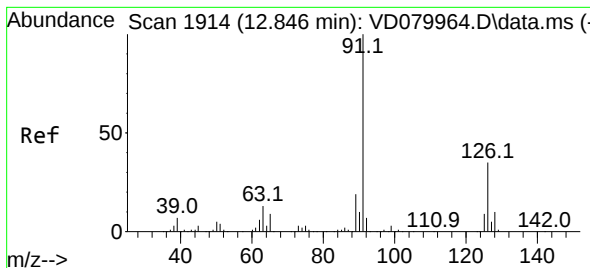
Delta R.T. -0.000 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion:	91	Resp:	26006
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.2	33.5





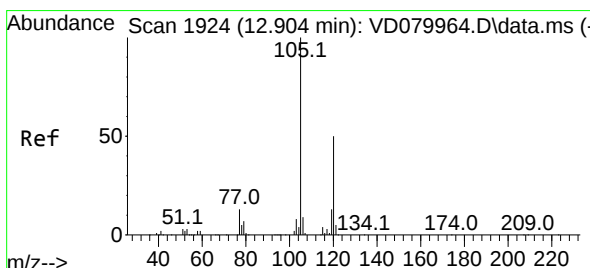
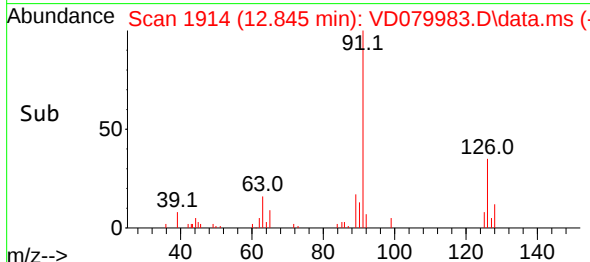
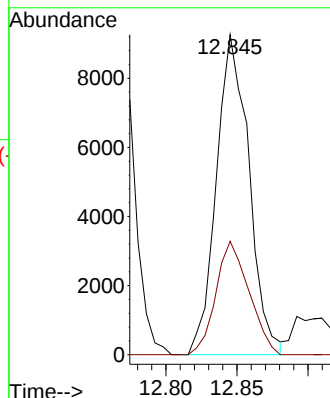
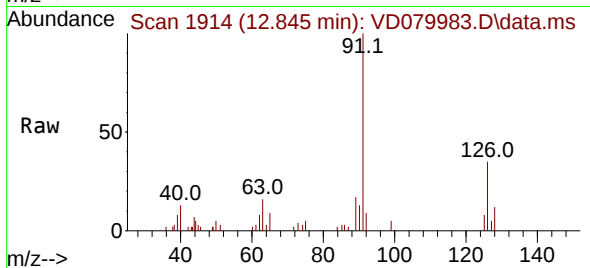
#79
2-Chlorotoluene
Concen: 2.935 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 14784
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.5

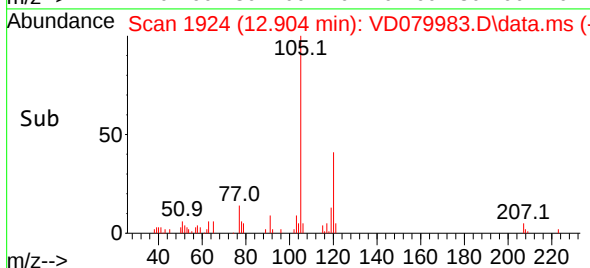
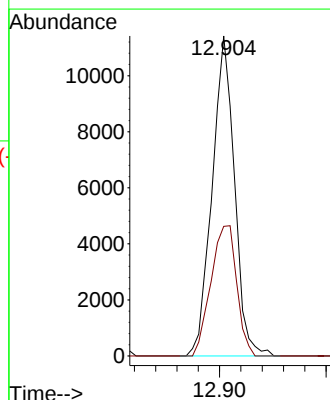
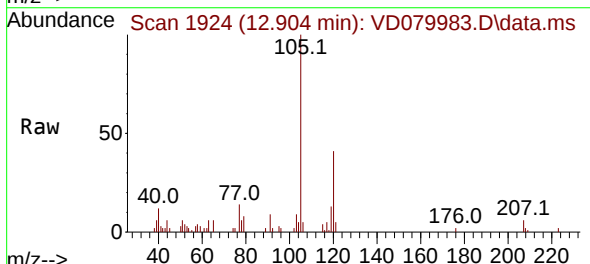
Manual Integrations
APPROVED

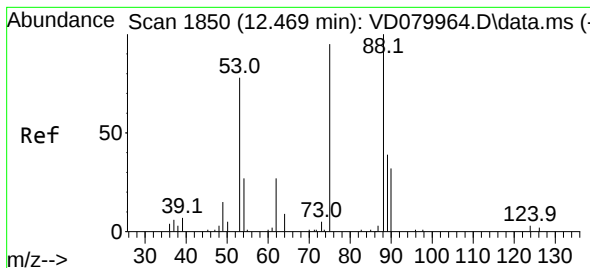
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.830 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

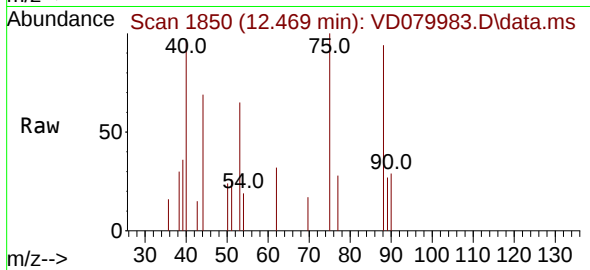
Tgt Ion:105 Resp: 16631
Ion Ratio Lower Upper
105 100
120 46.9 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.354 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

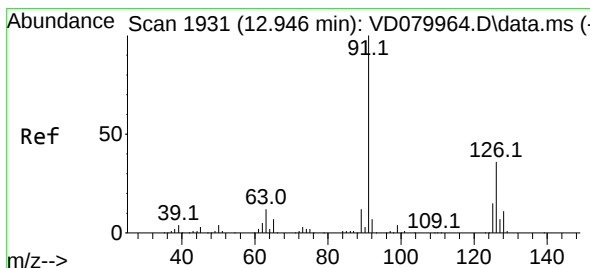
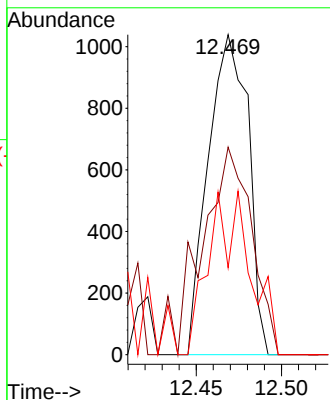
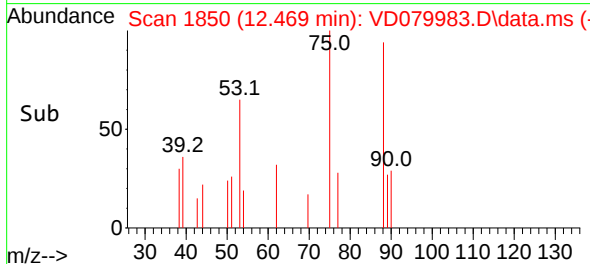
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



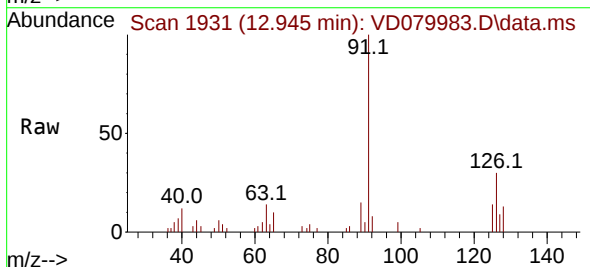
Tgt Ion: 75 Resp: 1700
Ion Ratio Lower Upper
75 100
53 81.7 68.7 103.1
89 52.4 36.1 54.1

Manual Integrations
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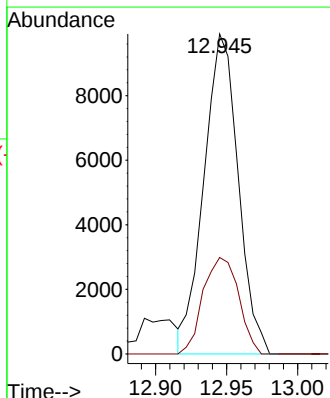
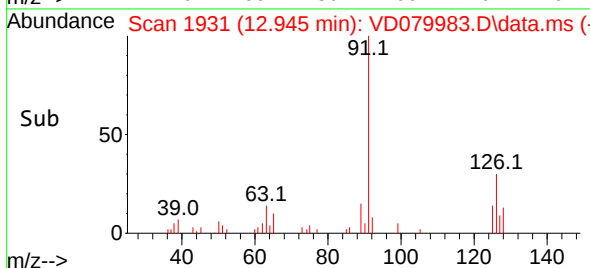
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

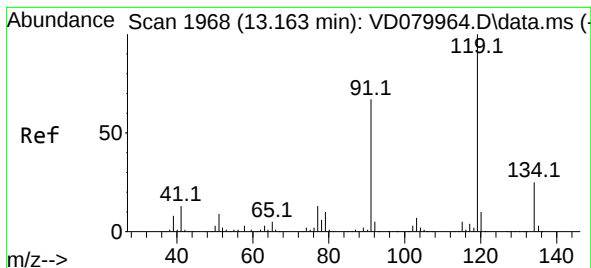


#82
4-Chlorotoluene
Concen: 3.072 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion: 91 Resp: 16622
Ion Ratio Lower Upper
91 100
126 31.3 16.8 50.3





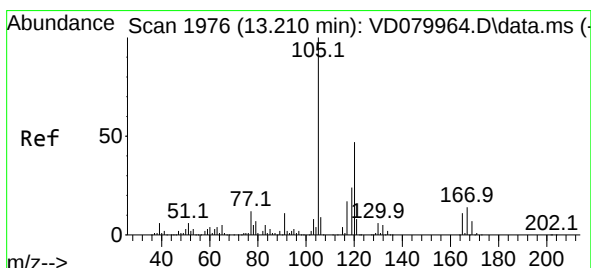
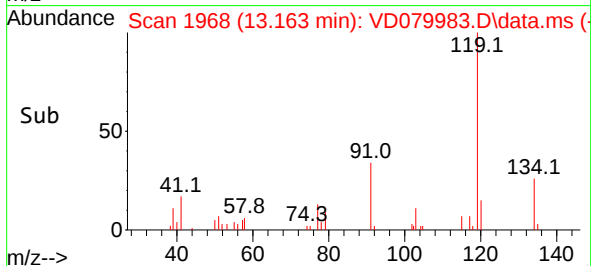
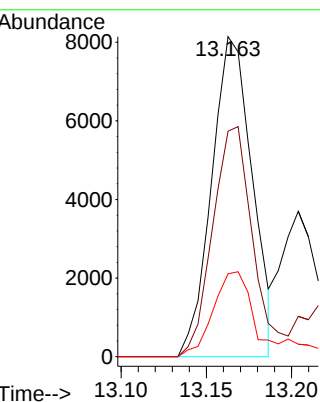
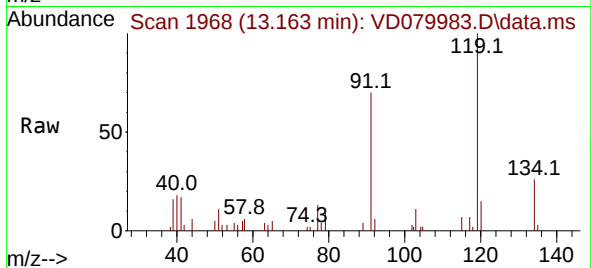
#83
tert-Butylbenzene
Concen: 2.675 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:119 Resp: 13474
Ion Ratio Lower Upper
119 100
91 71.5 33.3 99.9
134 29.6 13.5 40.5

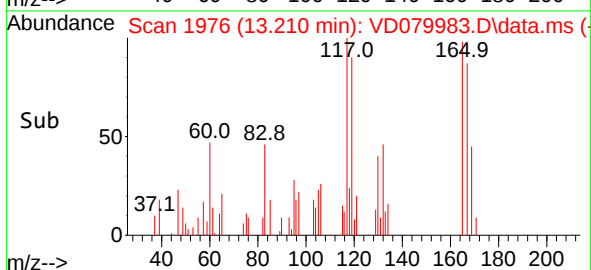
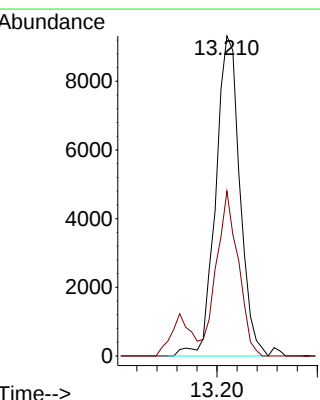
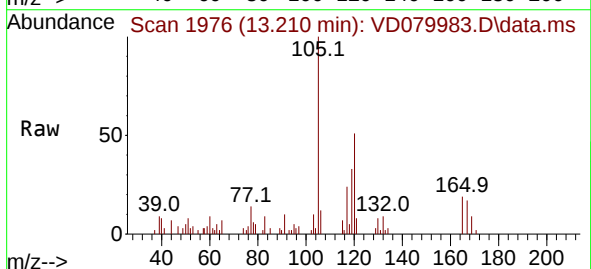
Manual Integrations
APPROVED

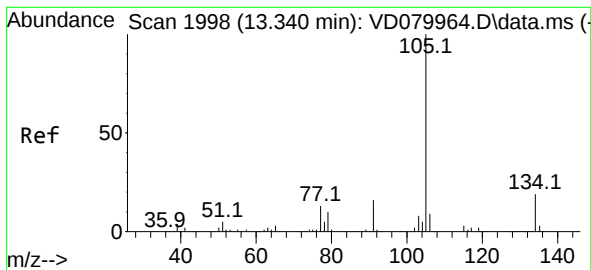
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.638 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:105 Resp: 15571
Ion Ratio Lower Upper
105 100
120 47.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.726 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.005 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Instrument :

MSVOA_D

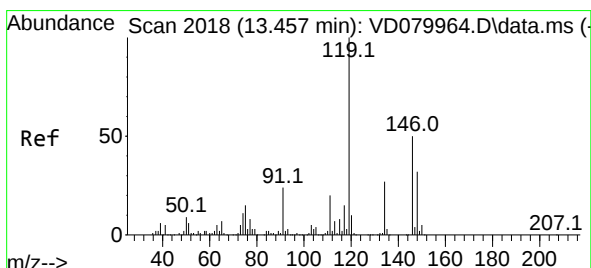
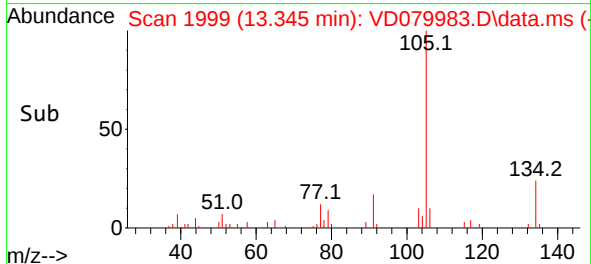
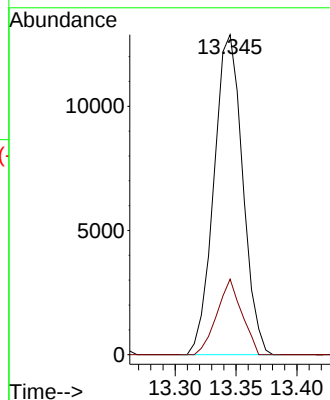
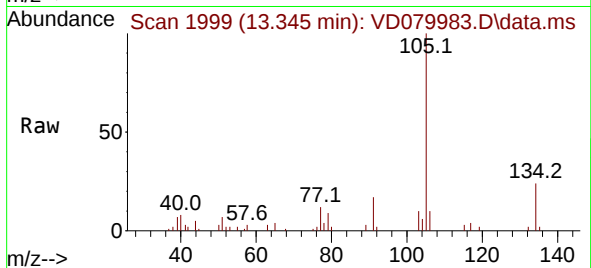
ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:105 Resp: 2110
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024



#86

p-Isopropyltoluene

Concen: 2.638 ug/l

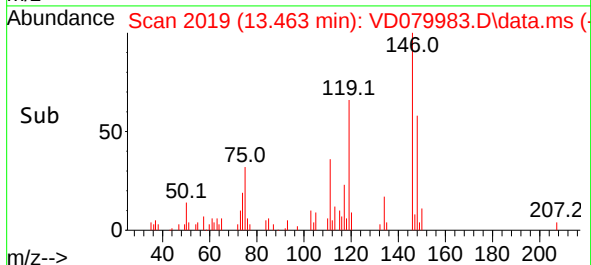
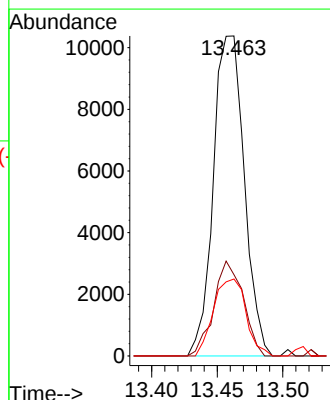
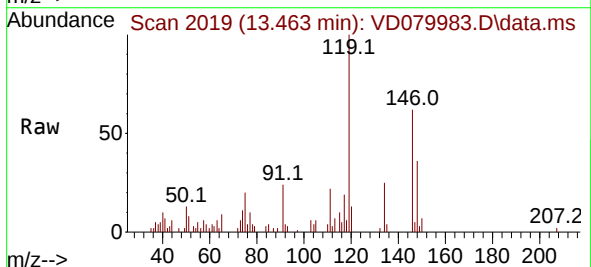
RT: 13.463 min Scan# 2019

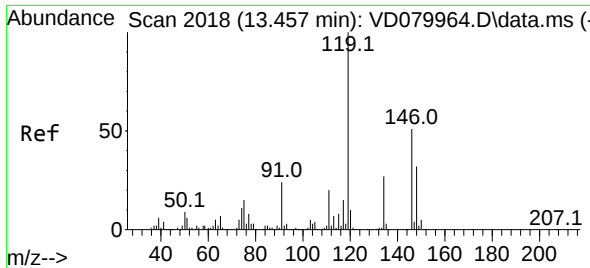
Delta R.T. 0.005 min

Lab File: VD079983.D

Acq: 15 Oct 2024 13:42

Tgt Ion:119 Resp: 17039
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.1 39.1
 91 25.2 12.2 36.4





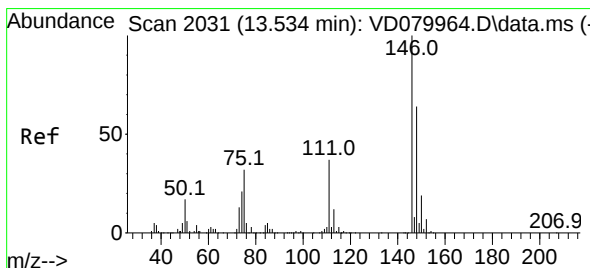
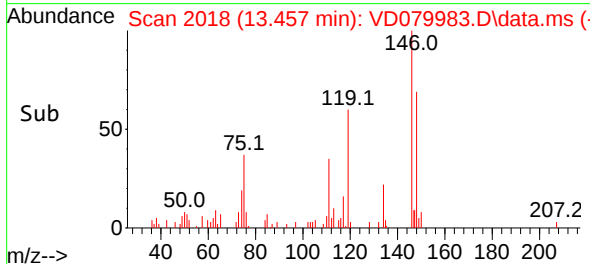
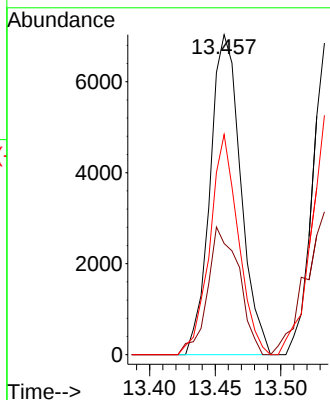
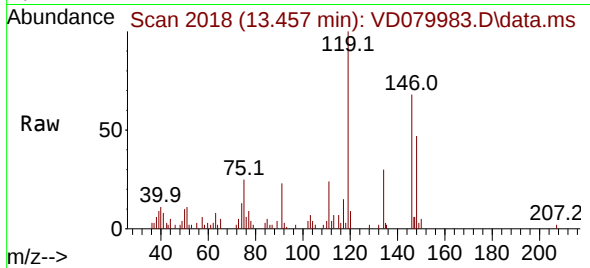
#87
1,3-Dichlorobenzene
Concen: 3.098 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:146 Resp: 11434
Ion Ratio Lower Upper
146 100
111 40.8 20.0 59.9
148 64.0 31.9 95.7

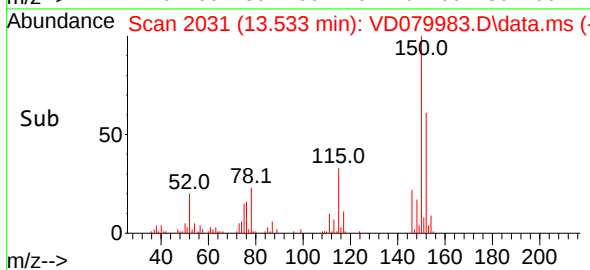
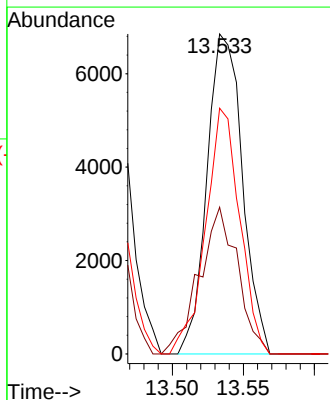
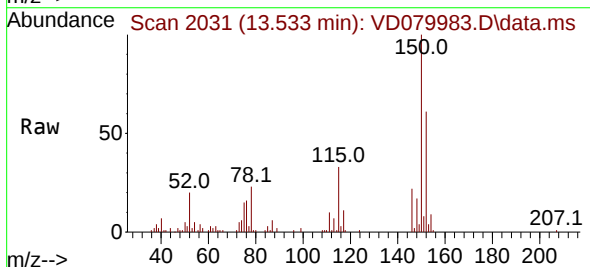
Manual Integrations
APPROVED

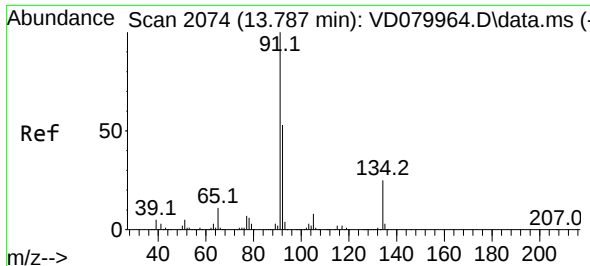
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#88
1,4-Dichlorobenzene
Concen: 3.225 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Tgt Ion:146 Resp: 11895
Ion Ratio Lower Upper
146 100
111 49.5 19.3 57.8
148 73.9 32.9 98.7





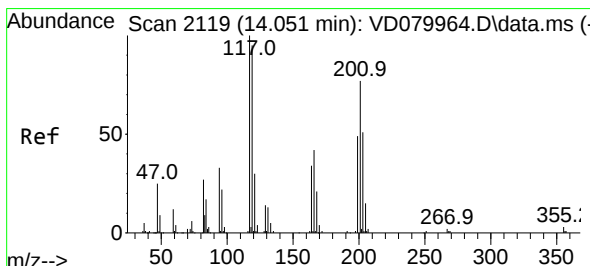
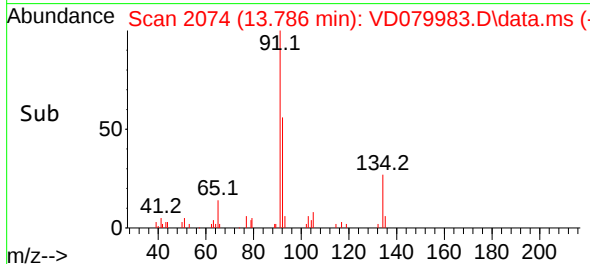
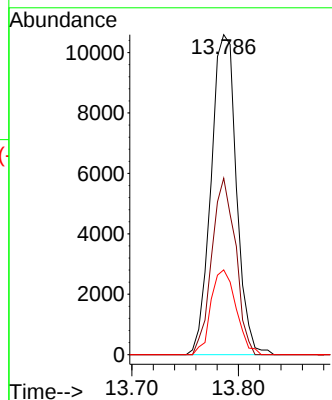
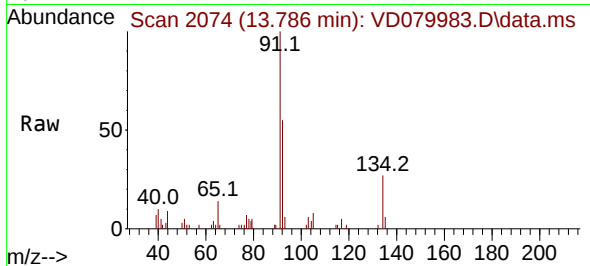
#89
n-Butylbenzene
Concen: 2.800 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 1749
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 26.3 12.3 36.8

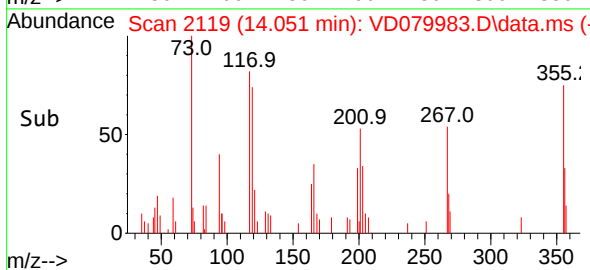
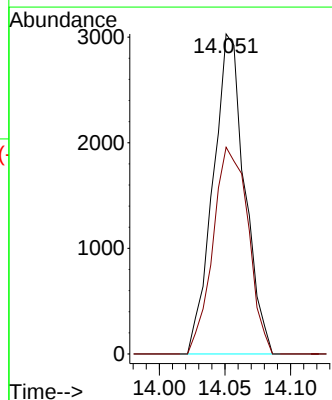
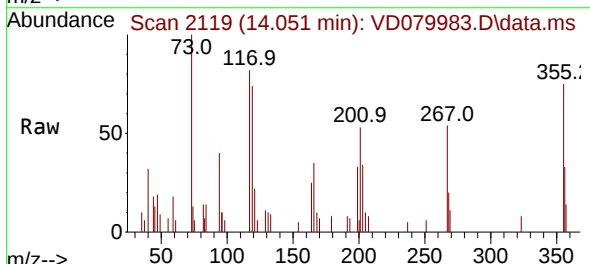
Manual Integrations
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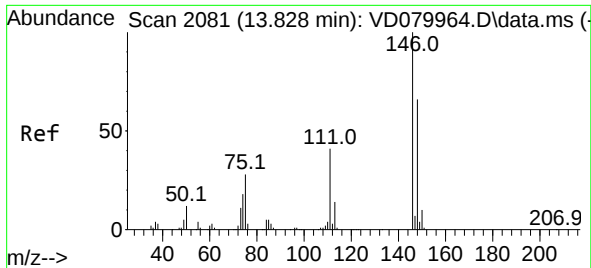
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#90
Hexachloroethane
Concen: 3.553 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

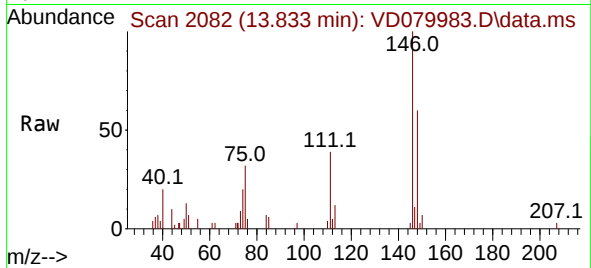
Tgt Ion:117 Resp: 5073
Ion Ratio Lower Upper
117 100
201 71.9 37.5 112.5





#91
1,2-Dichlorobenzene
Concen: 3.061 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

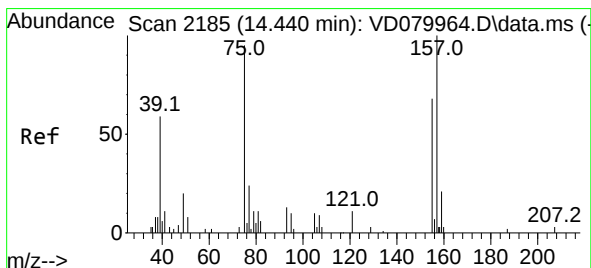
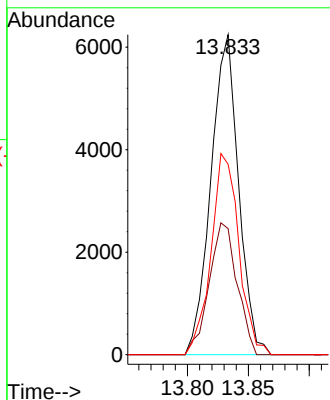
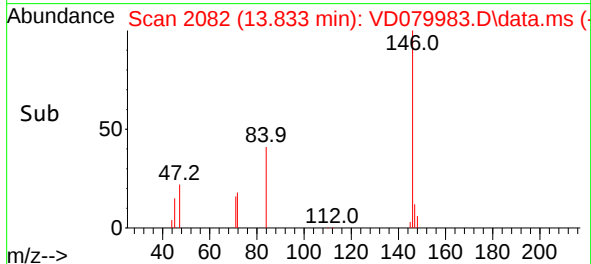
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:146 Resp: 987
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 63.3 32.7 98.1

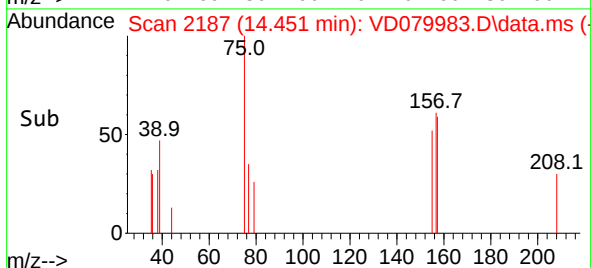
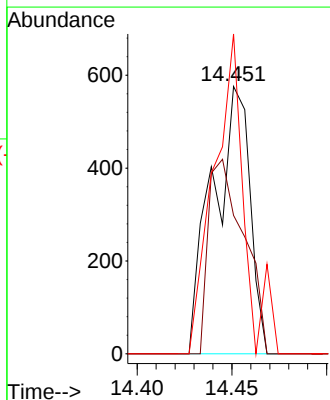
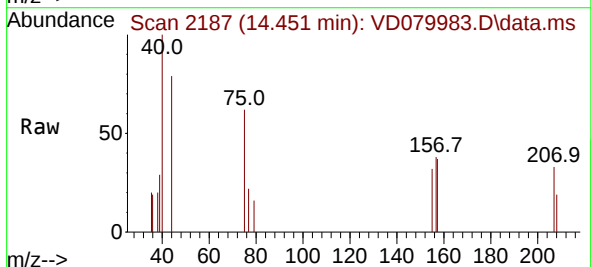
Manual Integrations
APPROVED

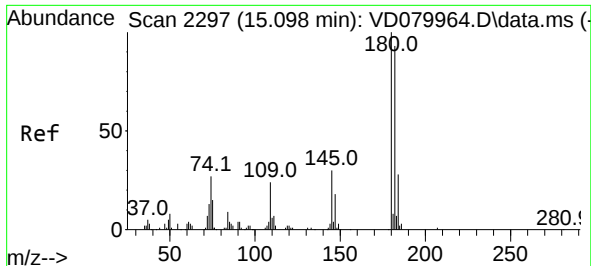
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.321 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.011 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

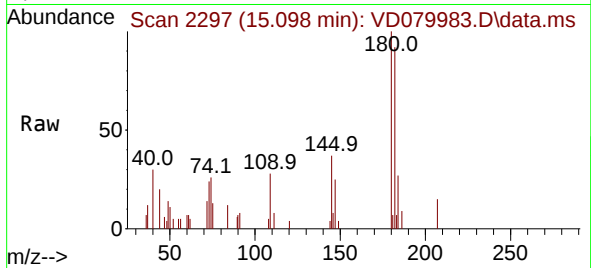
Tgt Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
155 69.9 40.6 122.0
157 98.3 53.3 159.9





#93
1,2,4-Trichlorobenzene
Concen: 3.052 ug/l
RT: 15.098 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

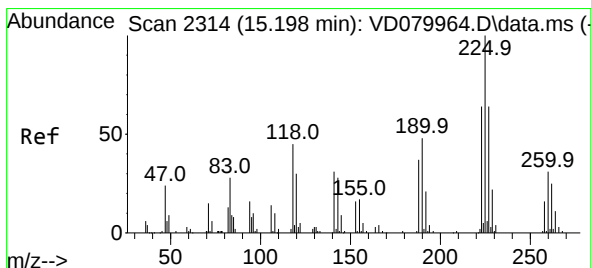
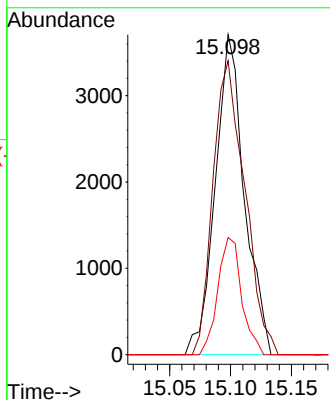
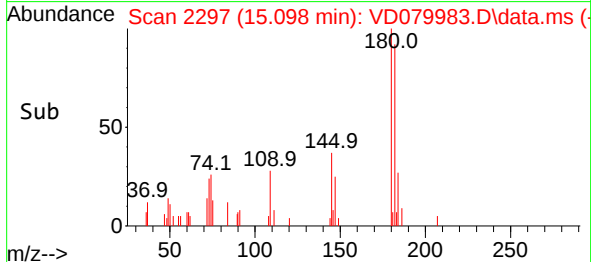
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



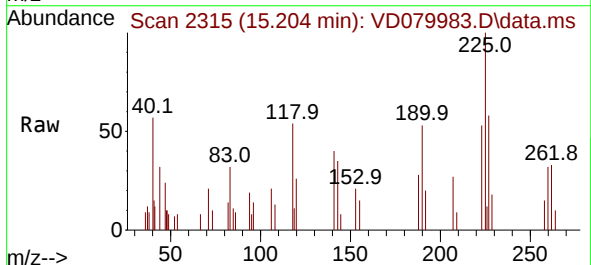
Tgt Ion:180 Resp: 6168
Ion Ratio Lower Upper
180 100
182 99.9 47.4 142.2
145 30.0 14.7 44.1

Manual Integrations
APPROVED

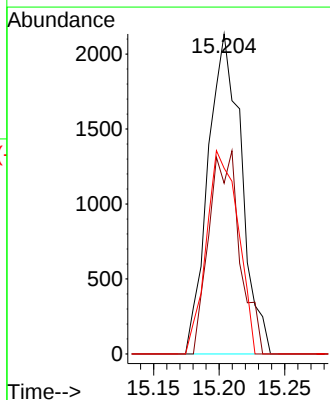
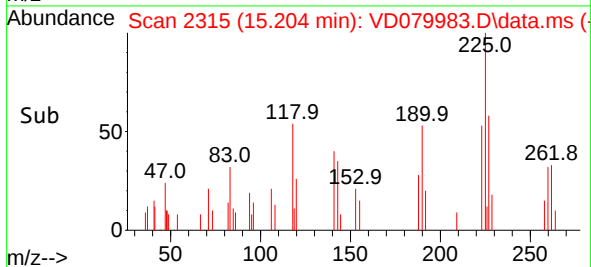
Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

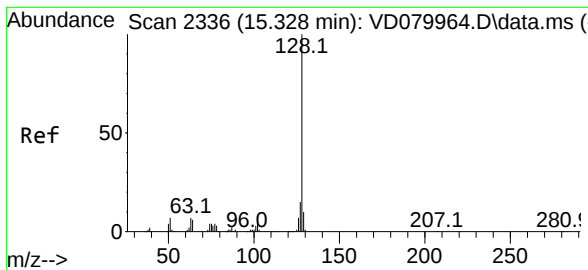


#94
Hexachlorobutadiene
Concen: 3.398 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



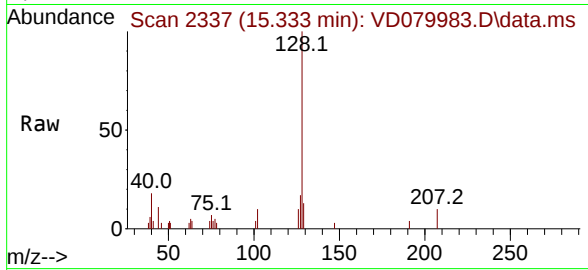
Tgt Ion:225 Resp: 3781
Ion Ratio Lower Upper
225 100
223 58.6 31.5 94.5
227 60.5 30.9 92.5





#95
Naphthalene
Concen: 3.041 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42

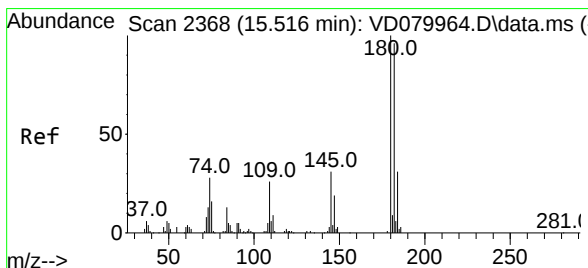
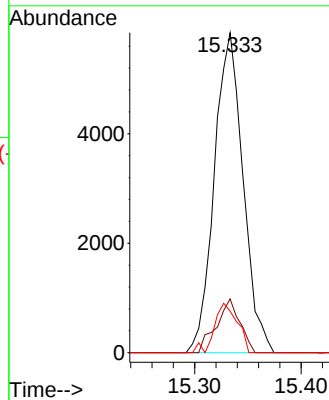
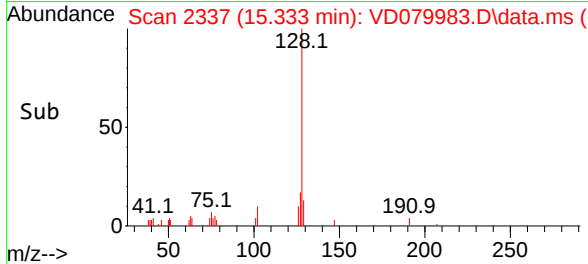
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT4-2024



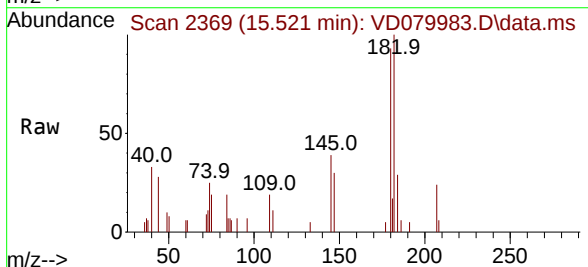
Tgt Ion:128 Resp: 10960
Ion Ratio Lower Upper
128 100
127 16.8 11.8 17.8
129 13.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 3.174 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.005 min
Lab File: VD079983.D
Acq: 15 Oct 2024 13:42



Tgt Ion:180 Resp: 5684
Ion Ratio Lower Upper
180 100
182 91.2 47.5 142.6
145 29.6 15.7 47.0

