

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029811.D
 Acq On : 31 Jul 2024 12:43
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Aug 01 05:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	217906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	210754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56238	18.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.720%
7) Chloroethane-d5	2.899	69	47539	21.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	4.021	65	28985	20.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.120%
21) 2-Butanone-d5	7.075	46	45815	54.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.060%
24) Chloroform-d	7.648	84	144137	25.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.301	65	86788	27.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.040%
32) Benzene-d6	8.276	84	272588	23.938	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.270	67	91860	25.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	10.325	98	237446	23.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	10.575	79	34355	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.922	63	30479	50.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74413	27.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	80247	26.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	2419	0.824	ug/L	91
3) Chloromethane	2.216	50	4170	1.147	ug/L	99
5) Vinyl chloride	2.369	62	4458	1.095	ug/L	89
6) Bromomethane	2.783	94	2494	1.115	ug/L	99
8) Chloroethane	2.942	64	2371	1.023	ug/L	99
9) Trichlorofluoromethane	3.265	101	2726	0.838	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	3227	0.996	ug/L #	37
12) 1,1-Dichloroethene	4.039	96	3881	1.304	ug/L #	1
13) Acetone	4.131	43	2379	2.258	ug/L	73
14) Carbon disulfide	4.393	76	9662	0.975	ug/L	96
15) Methyl Acetate	4.679	43	1066	0.607	ug/L #	56
16) Methylene chloride	4.923	84	17739	3.894	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	3431	1.070	ug/L	91
18) Methyl tert-butyl Ether	5.417	73	2559	0.484	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	7154	1.057	ug/L	96
20) cis-1,2-Dichloroethene	7.161	96	2088	0.600	ug/L	95
22) 2-Butanone	7.191	43	1335	0.989	ug/L	99
23) Bromochloromethane	7.514	128	1688	1.143	ug/L #	86
25) Chloroform	7.673	83	7329	1.150	ug/L	95

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

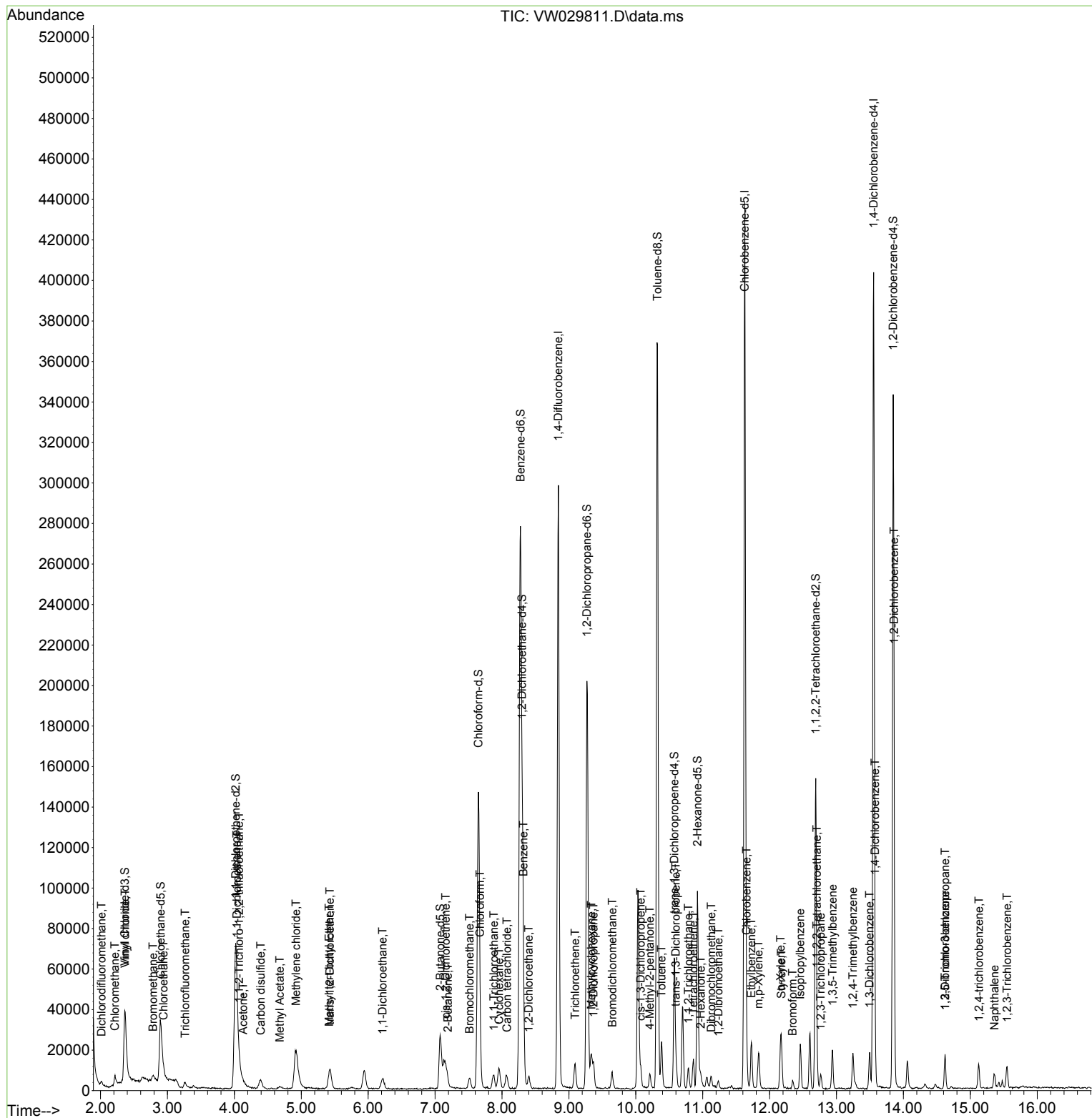
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	5350	1.152	ug/L	98
29) Cyclohexane	7.959	56	5020	0.838	ug/L	91
30) 1,1,1-Trichloroethane	7.880	97	5143	0.964	ug/L #	78
31) Carbon tetrachloride	8.075	117	4656	0.968	ug/L	98
33) Benzene	8.319	78	14597	1.011	ug/L	100
34) Trichloroethene	9.093	95	3838	1.014	ug/L	95
35) Methylcyclohexane	9.337	83	5523	0.876	ug/L	94
37) 1,2-Dichloropropane	9.367	63	4260	1.077	ug/L #	95
38) Bromodichloromethane	9.648	83	4894	1.039	ug/L #	97
39) cis-1,3-Dichloropropene	10.075	75	5151	0.894	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	4902	1.950	ug/L	98
42) Toluene	10.386	91	14809	1.005	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	6459	1.350	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	2887	1.086	ug/L	94
46) Tetrachloroethene	10.861	164	3136	1.140	ug/L	89
48) 2-Hexanone	10.971	43	3641	1.934	ug/L #	93
49) Dibromochloromethane	11.129	129	2656	0.962	ug/L	93
50) 1,2-Dibromoethane	11.233	107	2480	1.008	ug/L	82
51) Chlorobenzene	11.654	112	9376	1.023	ug/L	91
52) Ethylbenzene	11.727	91	15051	0.905	ug/L	99
53) m,p-Xylene	11.837	106	4932	0.807	ug/L	94
54) o-Xylene	12.166	106	4461	0.792	ug/L	91
55) Styrene	12.178	104	7537	0.772	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	3757	1.151	ug/L #	86
59) Bromoform	12.343	173	1515	1.025	ug/L #	91
60) Isopropylbenzene	12.458	105	11775	0.775	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	2730	1.143	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	9196	0.814	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	9190	0.761	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	6180	0.953	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	7071	1.061	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	6151	1.042	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.623	75	1209	2.229	ug/L #	14
69) 1,3,5-Trichlorobenzene	14.623	180	4308	0.971	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	3220	0.861	ug/L	96
71) Naphthalene	15.360	128	5329	0.747	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	2896	0.856	ug/L	94

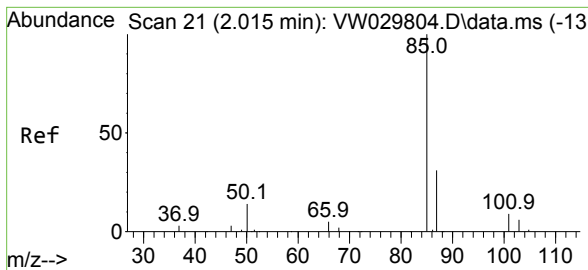
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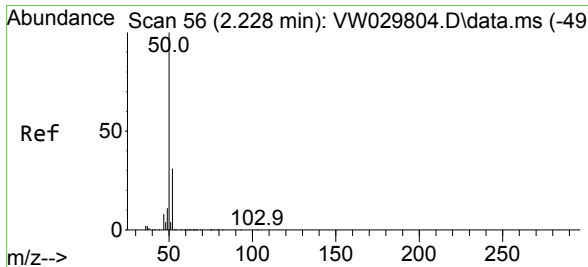
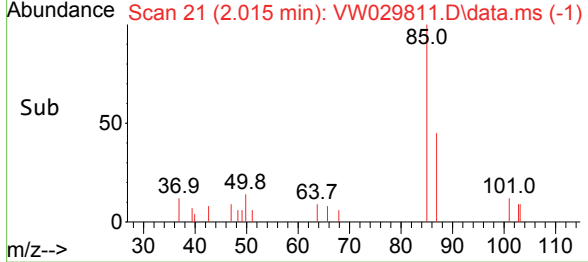
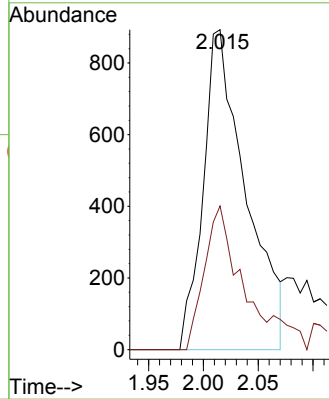
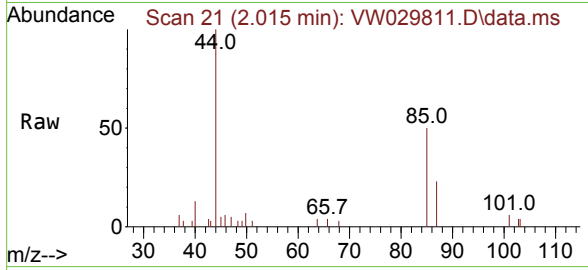




#2
Dichlorodifluoromethane
Concen: 0.824 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

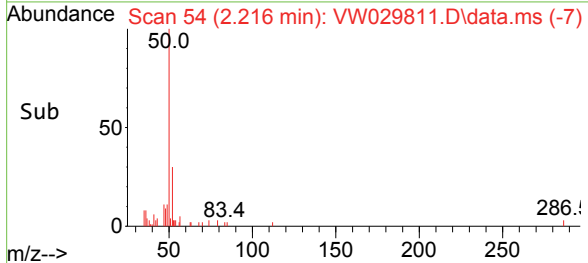
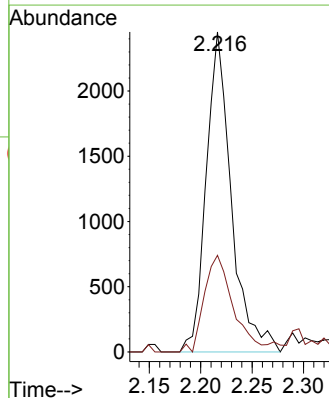
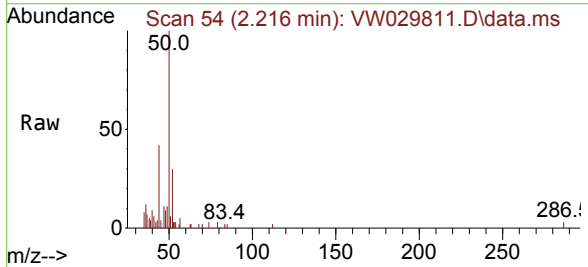
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

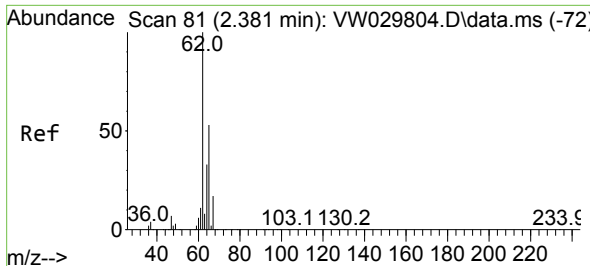
Tgt Ion: 85 Resp: 2419
Ion Ratio Lower Upper
85 100
87 36.9 25.5 38.3



#3
Chloromethane
Concen: 1.147 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 50 Resp: 4170
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

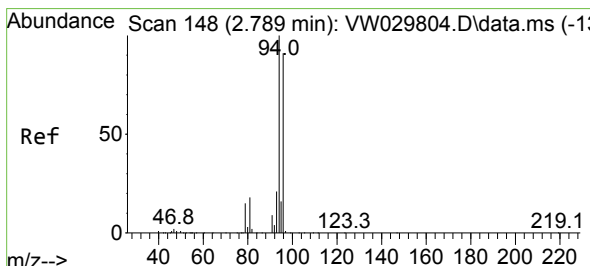
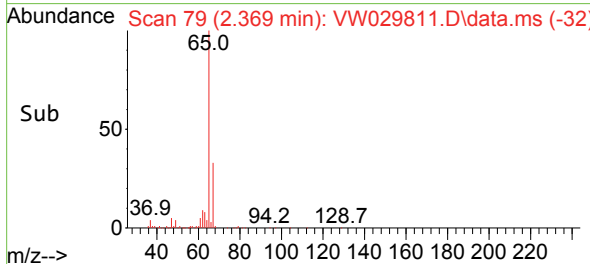
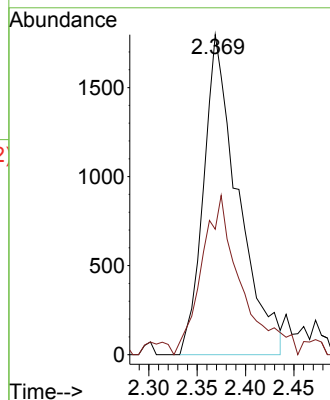
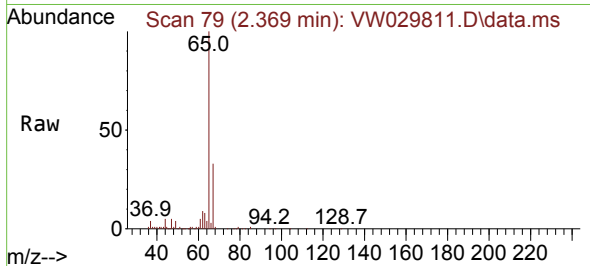




#5
 Vinyl chloride
 Concen: 1.095 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

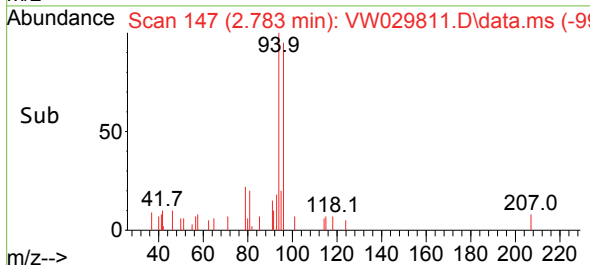
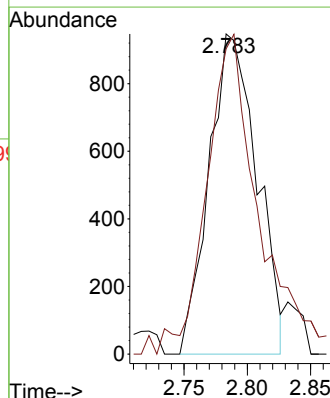
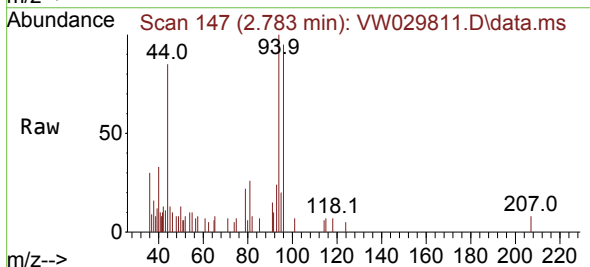
Instrument :
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 ClientSampleId :
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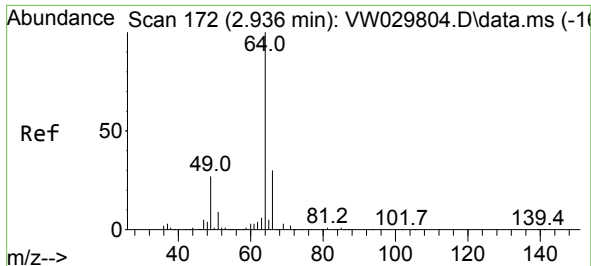
Tgt Ion: 62 Resp: 4458
 Ion Ratio Lower Upper
 62 100
 64 39.2 23.2 43.2



#6
 Bromomethane
 Concen: 1.115 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

Tgt Ion: 94 Resp: 2494
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.2 123.0

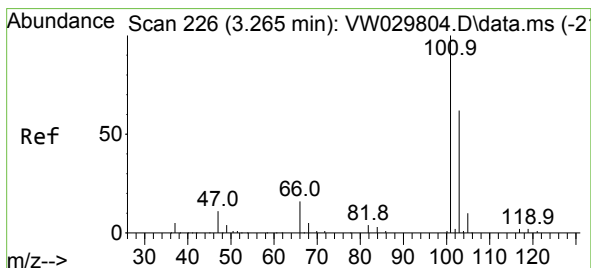
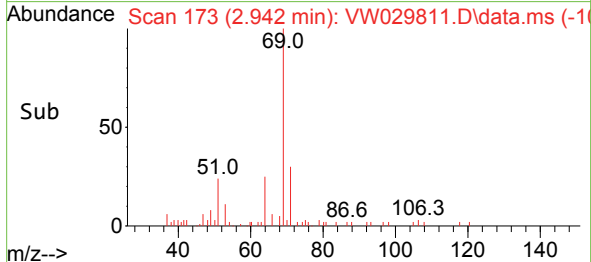
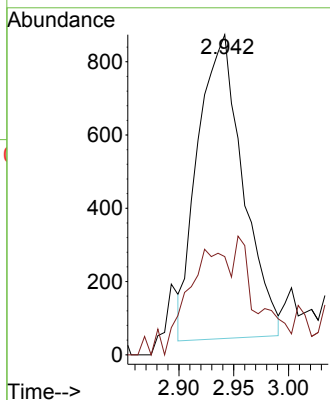
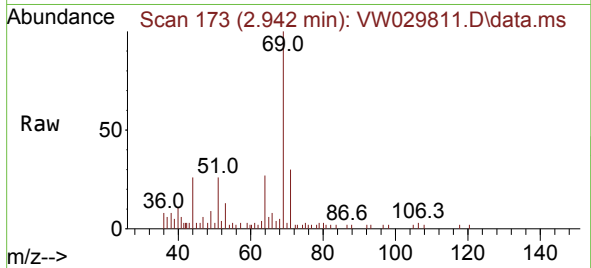




#8
Chloroethane
Concen: 1.023 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

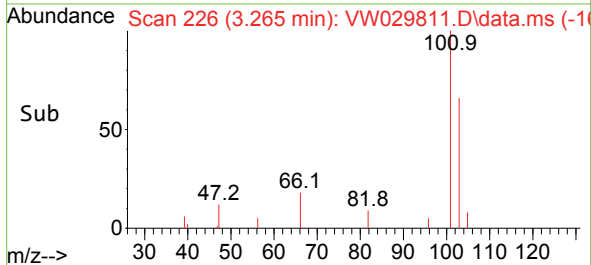
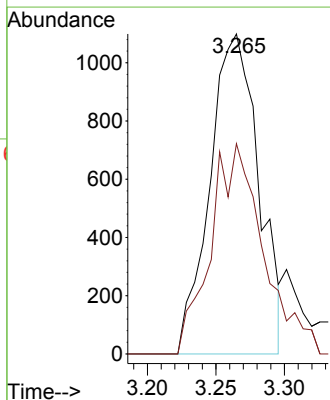
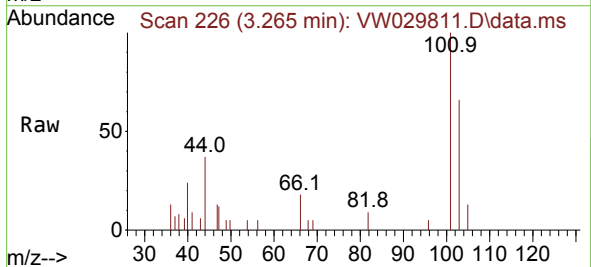
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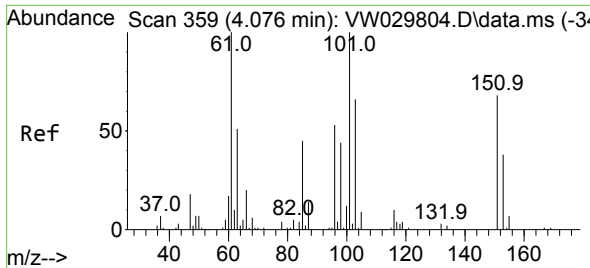
Tgt Ion: 64 Resp: 2371
Ion Ratio Lower Upper
64 100
66 30.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 0.838 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:101 Resp: 2726
Ion Ratio Lower Upper
101 100
103 28.6 51.0 76.4#

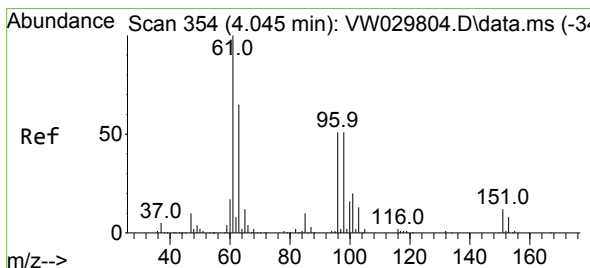
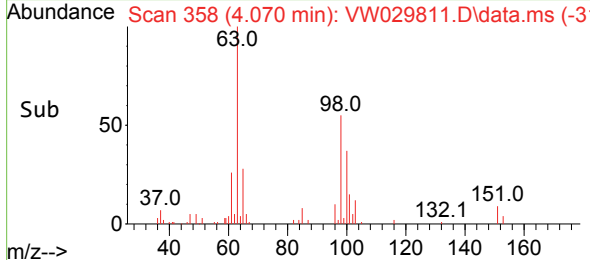
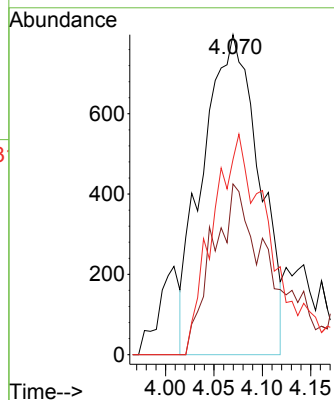
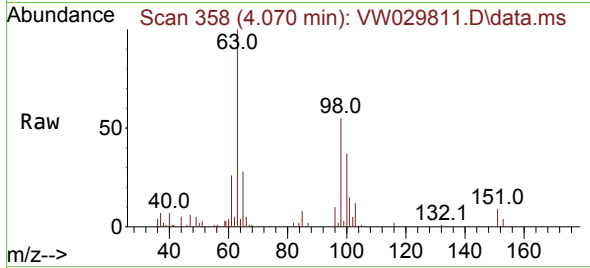




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.996 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

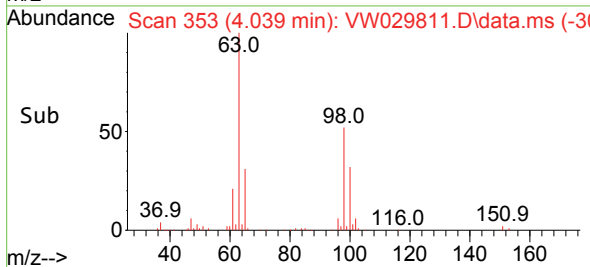
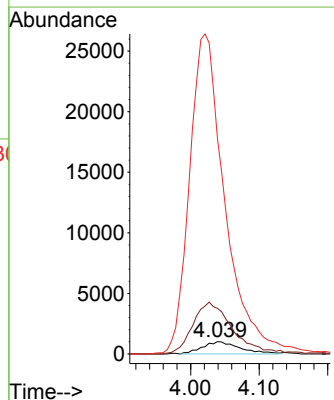
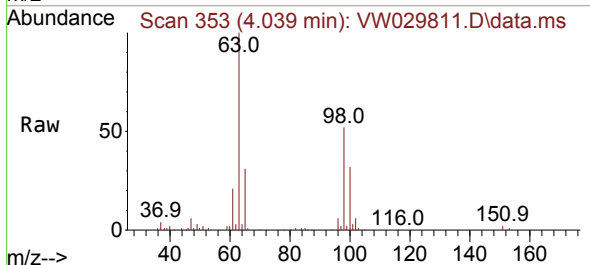
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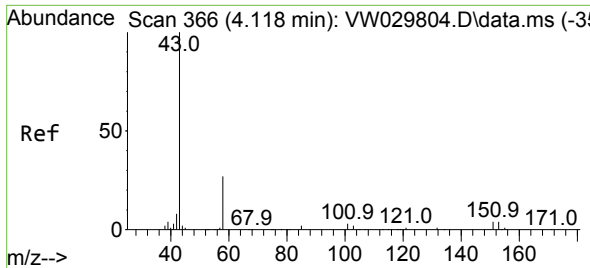
Tgt Ion:101 Resp: 3227
 Ion Ratio Lower Upper
 101 100
 85 14.4 34.2 51.4#
 151 7.3 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 1.304 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

Tgt Ion: 96 Resp: 3881
 Ion Ratio Lower Upper
 96 100
 61 370.8 138.3 256.9#
 63 1752.3 89.0 165.4#





#13

Acetone

Concen: 2.258 ug/L

RT: 4.131 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

Instrument :

MSVOA_W

ClientSampleId :

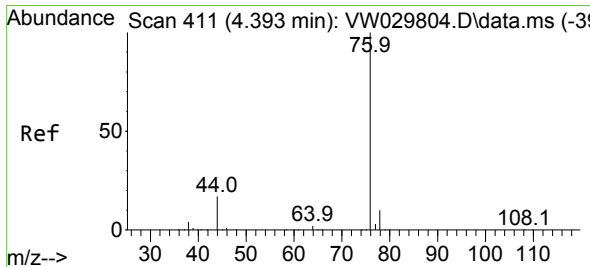
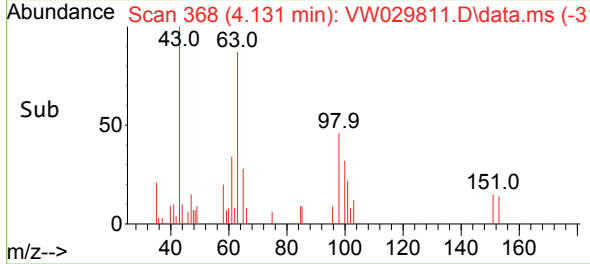
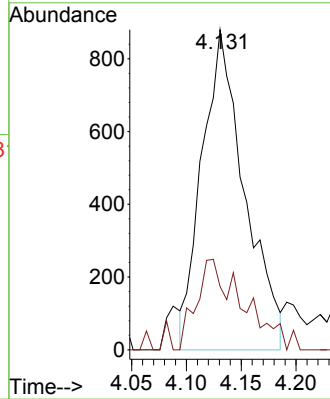
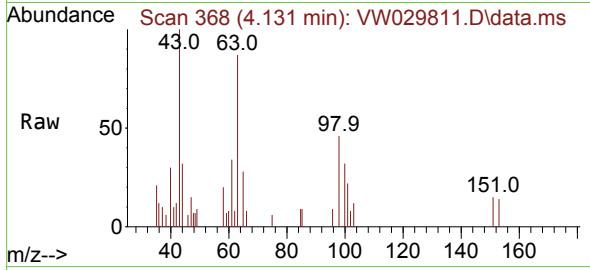
MDL-SOIL-QT3-2024-06

Tgt Ion: 43 Resp: 2379

Ion Ratio Lower Upper

43 100

58 14.5 0.0 57.6



#14

Carbon disulfide

Concen: 0.975 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW029811.D

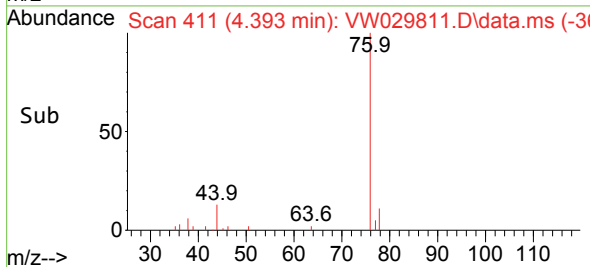
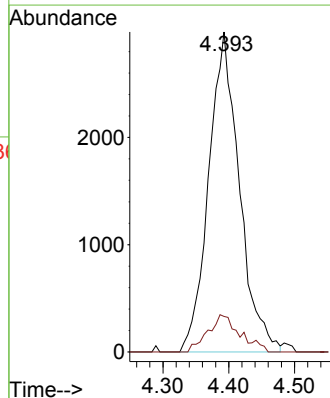
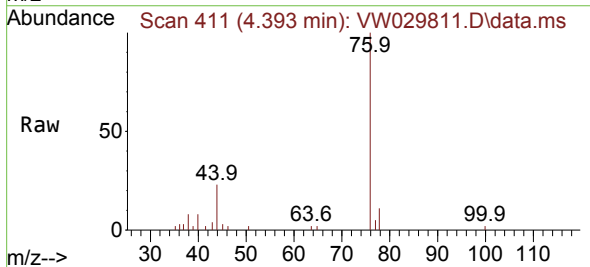
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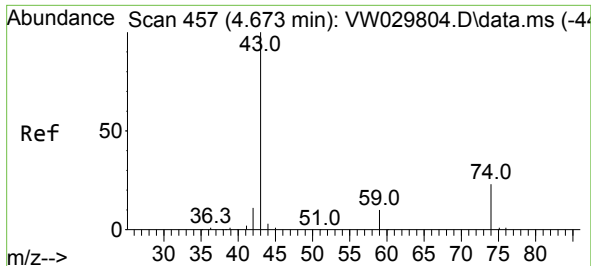
Tgt Ion: 76 Resp: 9662

Ion Ratio Lower Upper

76 100

78 11.1 7.6 11.4

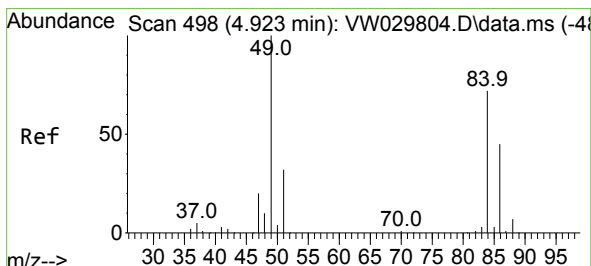
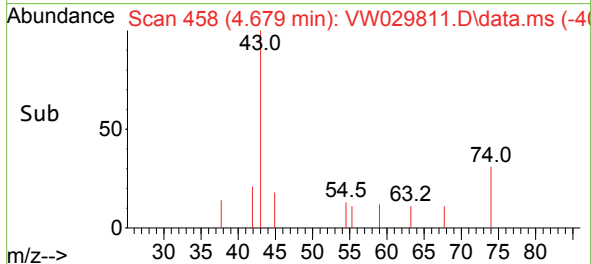
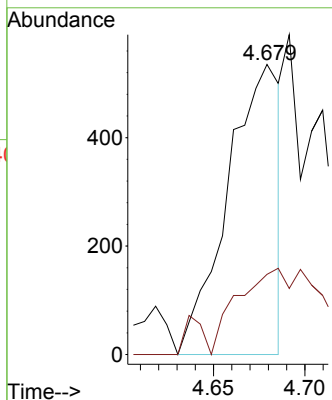
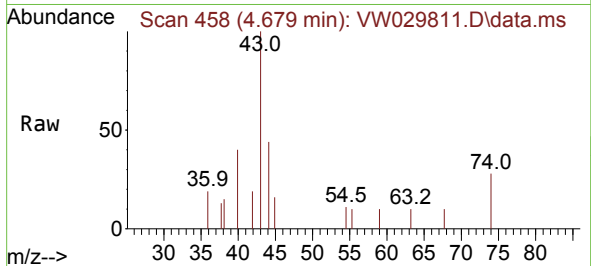




#15
Methyl Acetate
Concen: 0.607 ug/L
RT: 4.679 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

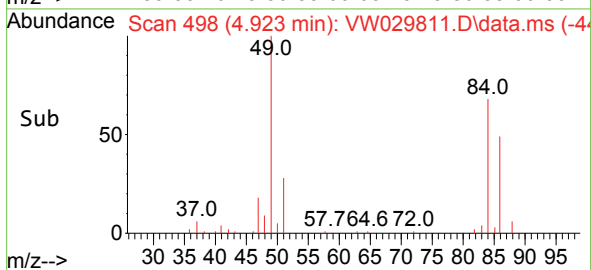
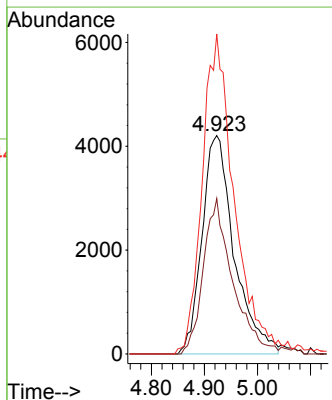
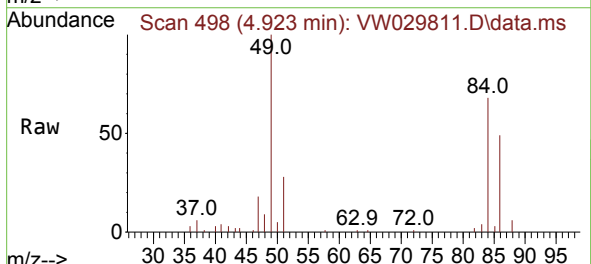
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

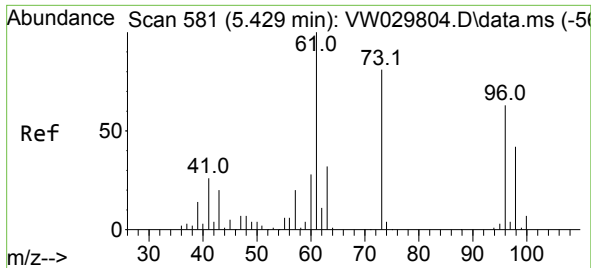
Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#16
Methylene chloride
Concen: 3.894 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 84 Resp: 17739
Ion Ratio Lower Upper
84 100
86 71.1 44.7 82.9
49 146.6 99.0 184.0

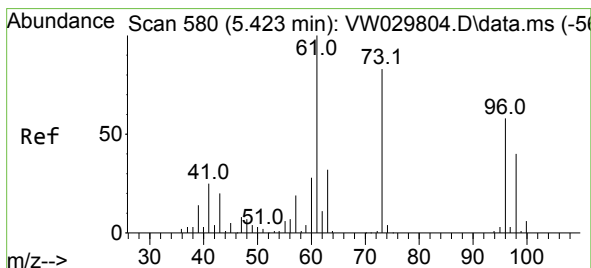
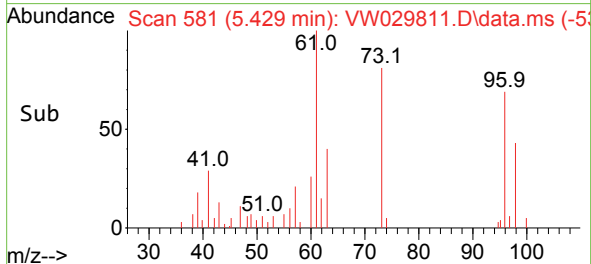
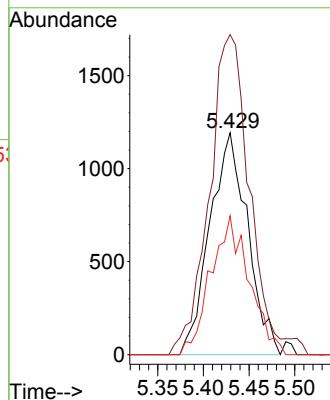
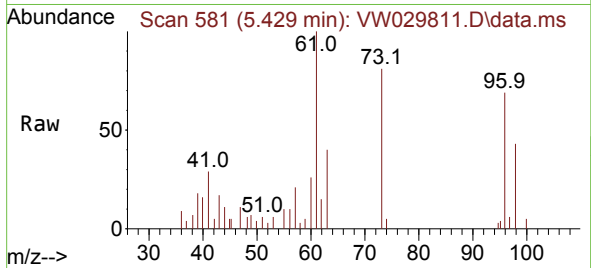




#17
trans-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

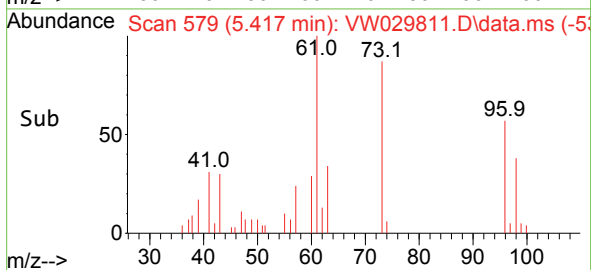
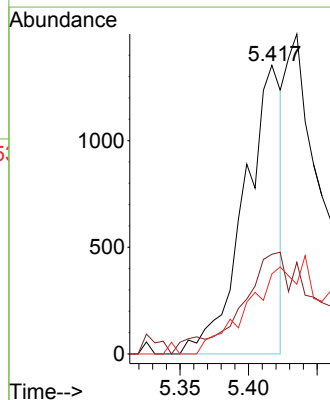
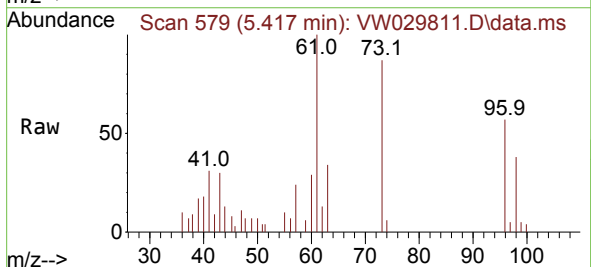
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

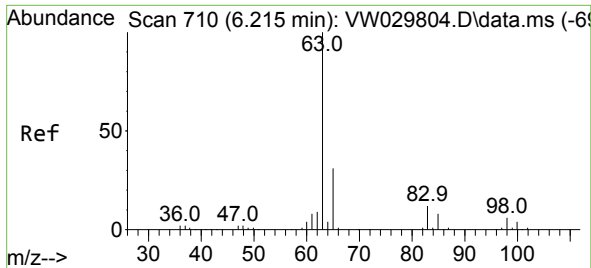
Tgt Ion:	96	Resp:	3431
Ion	Ratio	Lower	Upper
96	100		
61	144.2	111.2	206.6
98	62.5	45.0	83.6



#18
Methyl tert-butyl Ether
Concen: 0.484 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:	73	Resp:	2559
Ion	Ratio	Lower	Upper
73	100		
43	29.9	18.3	27.5#
57	21.1	17.9	26.9

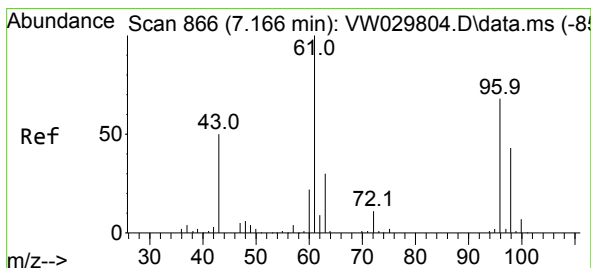
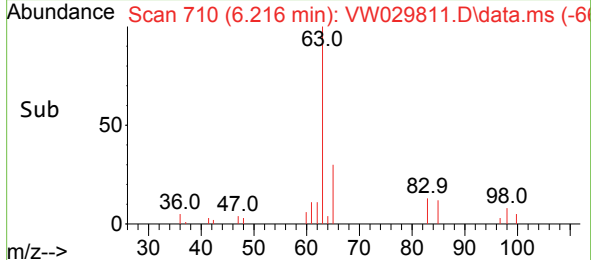
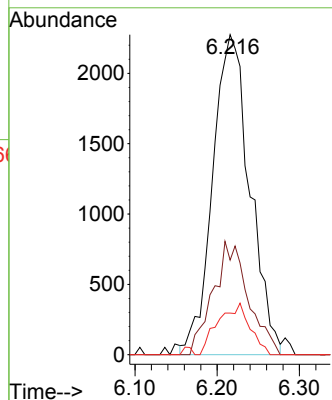
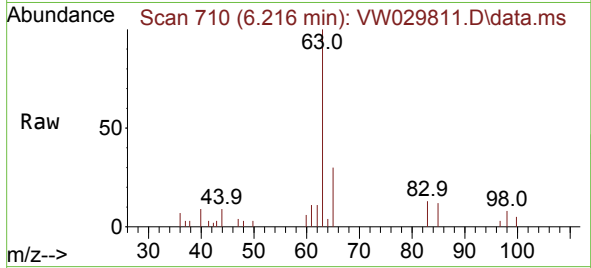




#19
 1,1-Dichloroethane
 Concen: 1.057 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

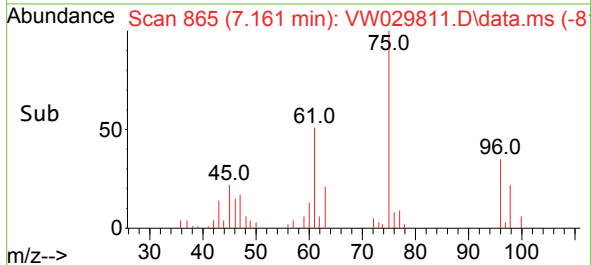
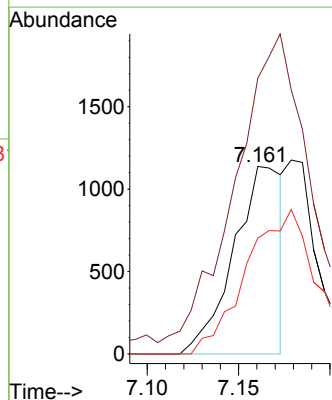
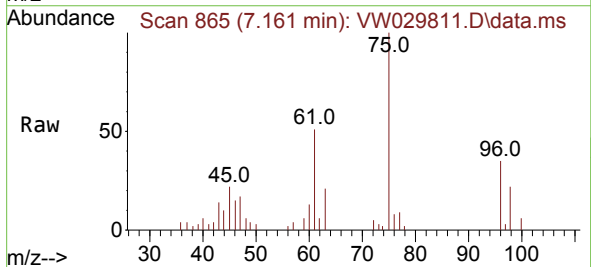
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

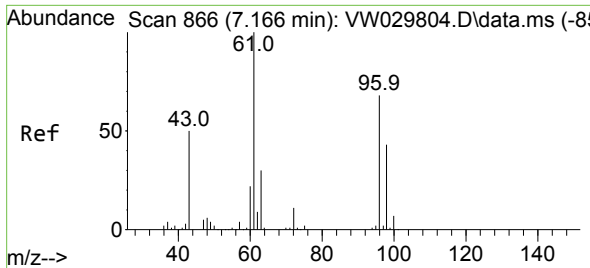
Tgt Ion:	63	Resp:	7154
Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.3	41.3
83	13.0	8.5	15.7



#20
 cis-1,2-Dichloroethene
 Concen: 0.600 ug/L
 RT: 7.161 min Scan# 865
 Delta R.T. -0.006 min
 Lab File: VW029811.D
 Acq: 31 Jul 2024 12:43

Tgt Ion:	96	Resp:	2088
Ion	Ratio	Lower	Upper
96	100		
61	147.0	98.2	182.4
98	61.8	41.9	77.9

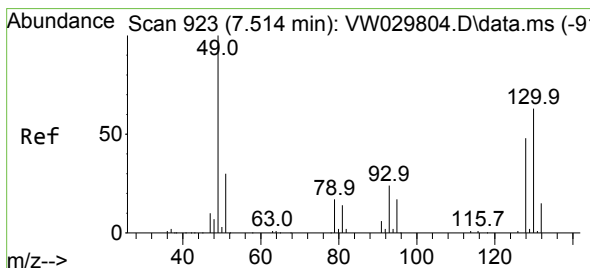
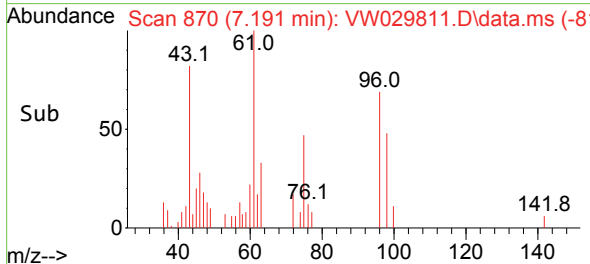
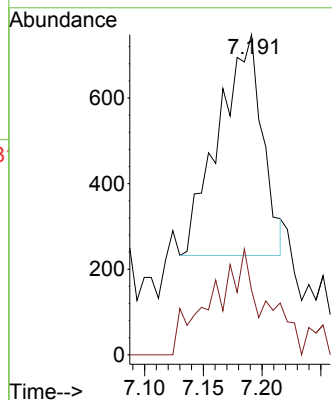
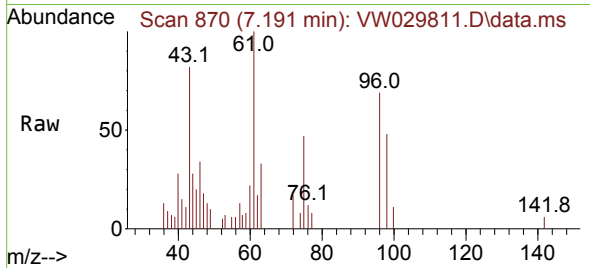




#22
2-Butanone
Concen: 0.989 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.025 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

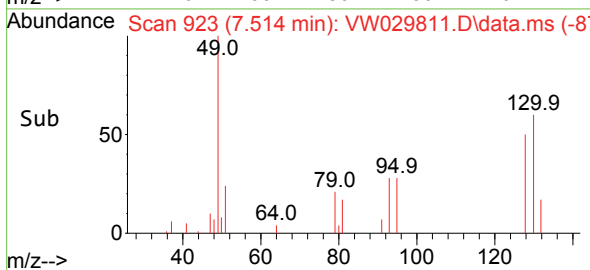
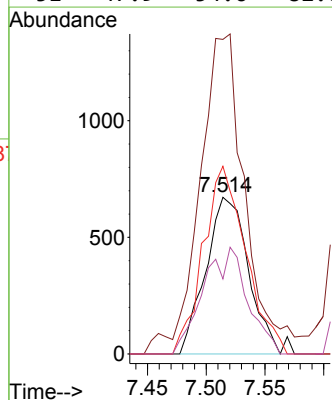
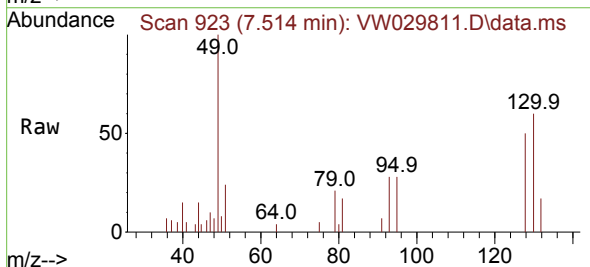
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

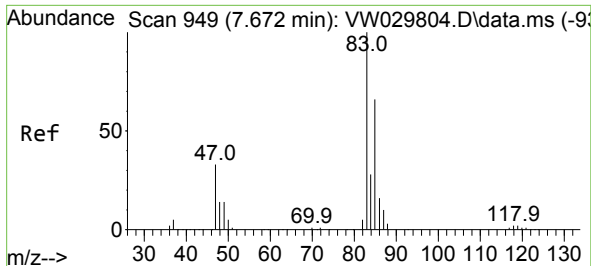
Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
72 23.1 11.7 35.1



#23
Bromochloromethane
Concen: 1.143 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 128 Resp: 1688
Ion Ratio Lower Upper
128 100
49 200.7 151.1 280.7
130 119.8 96.8 179.8
51 47.9 54.6 82.0#

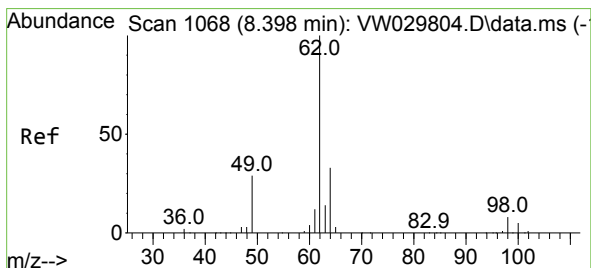
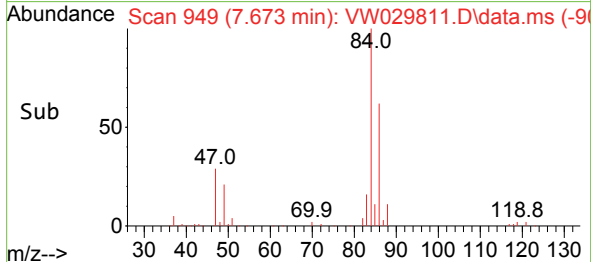
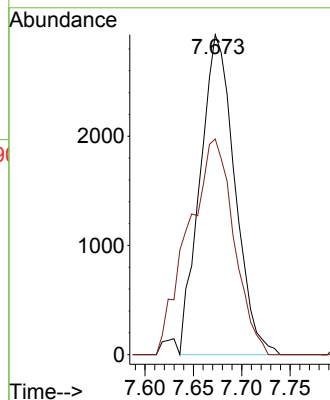
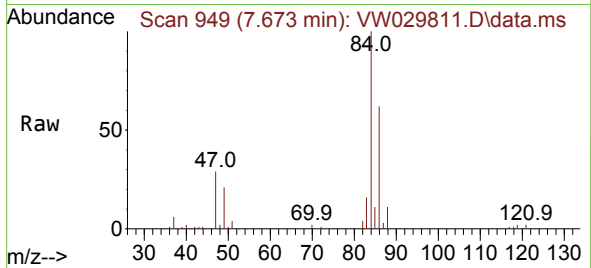




#25
Chloroform
Concen: 1.150 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

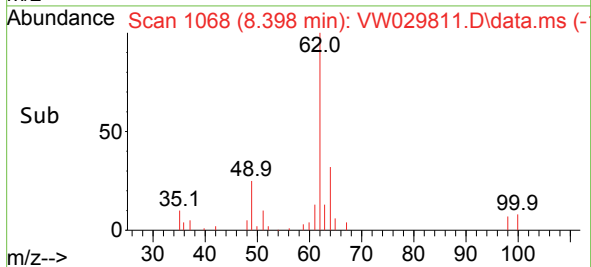
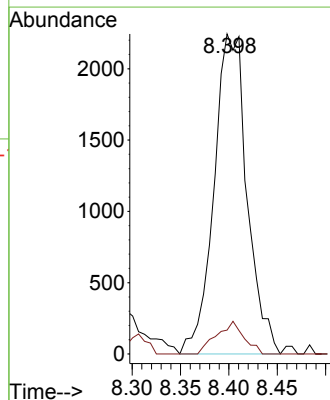
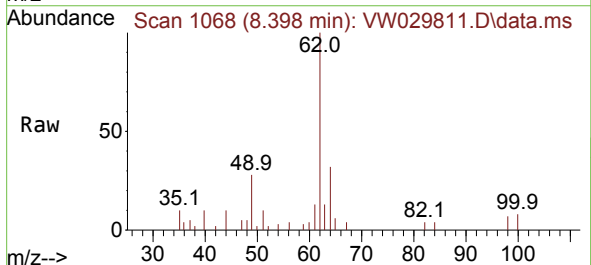
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

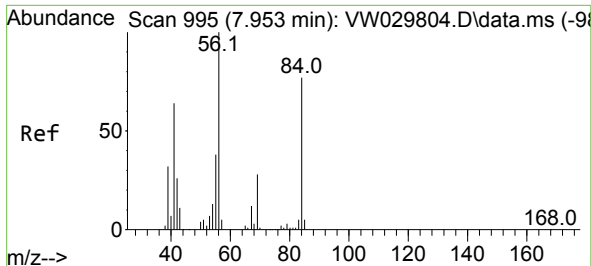
Tgt Ion: 83 Resp: 7329
Ion Ratio Lower Upper
83 100
85 67.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 1.152 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 62 Resp: 5350
Ion Ratio Lower Upper
62 100
98 7.4 6.6 10.0





#29

Cyclohexane

Concen: 0.838 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06

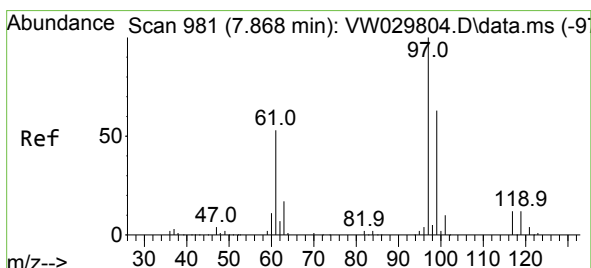
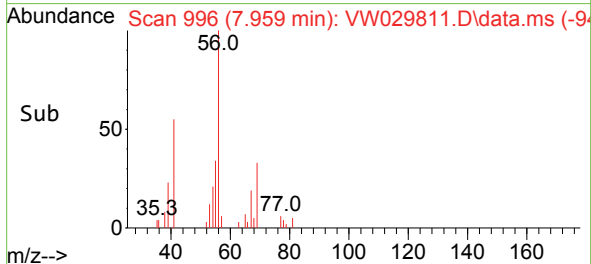
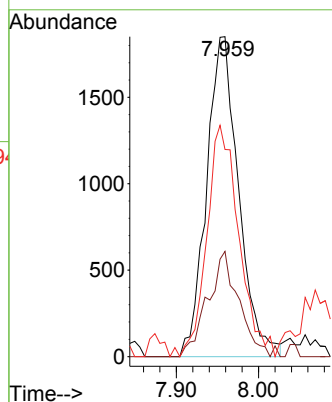
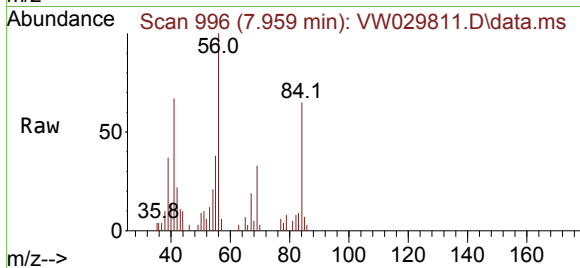
Tgt Ion: 56 Resp: 5020

Ion Ratio Lower Upper

56 100

69 23.5 23.0 34.4

84 71.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 0.964 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.012 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

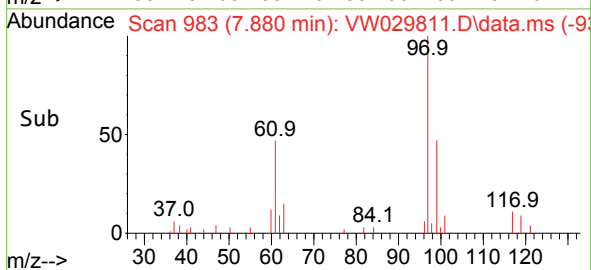
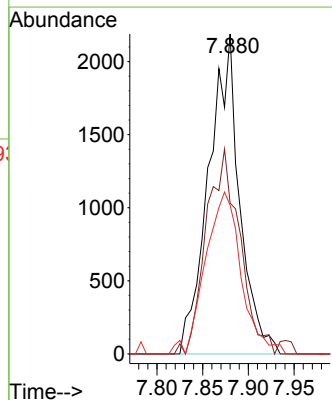
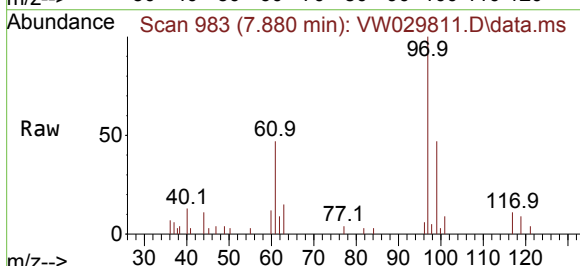
Tgt Ion: 97 Resp: 5143

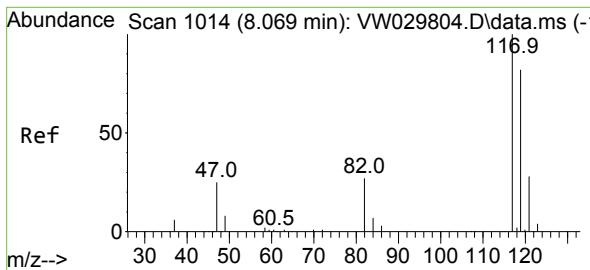
Ion Ratio Lower Upper

97 100

99 36.8 52.1 78.1#

61 56.6 42.6 63.8

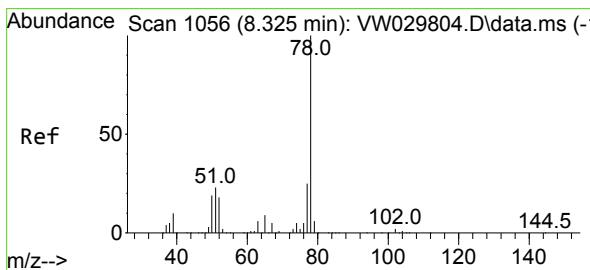
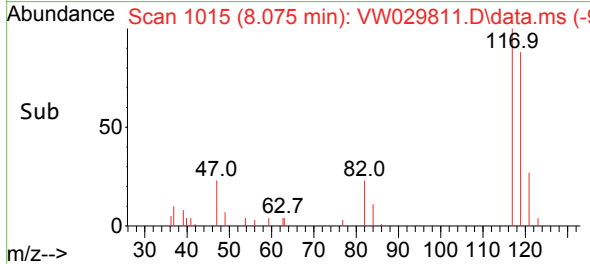
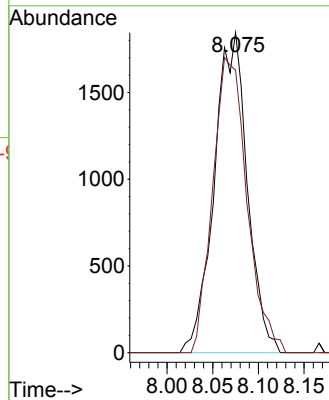
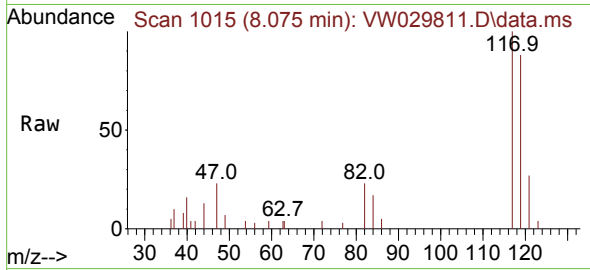




#31
Carbon tetrachloride
Concen: 0.968 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

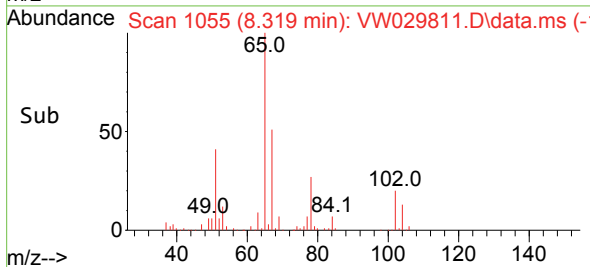
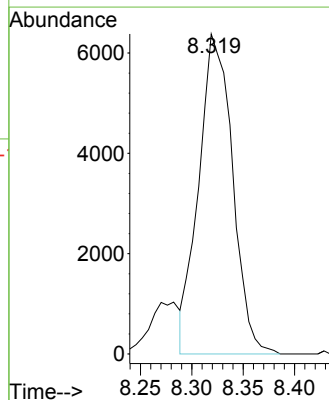
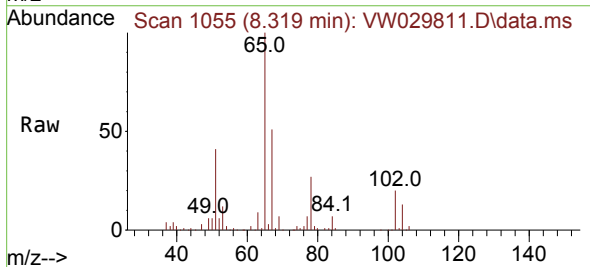
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

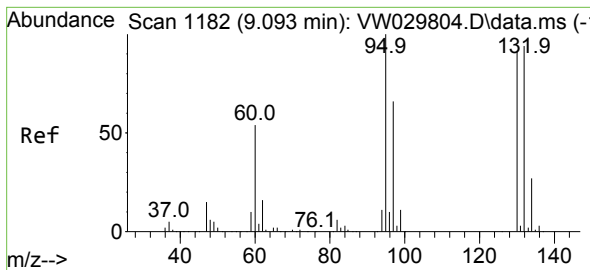
Tgt Ion:117 Resp: 4656
Ion Ratio Lower Upper
117 100
119 95.4 74.8 112.2



#33
Benzene
Concen: 1.011 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 78 Resp: 14597





#34

Trichloroethene

Concen: 1.014 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion: 95 Resp: 3838

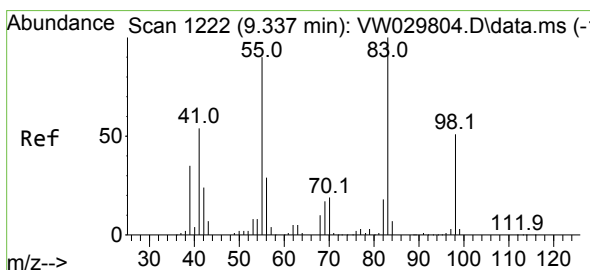
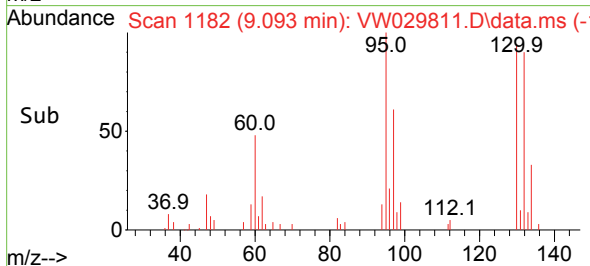
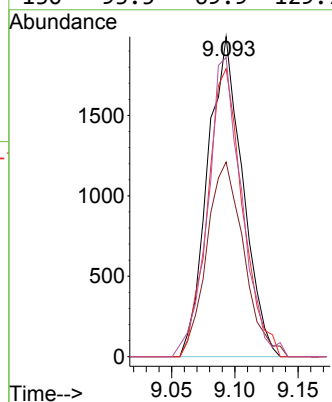
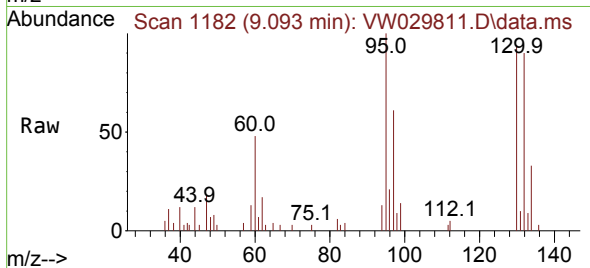
Ion Ratio Lower Upper

95 100

97 60.9 45.6 84.8

132 90.0 65.2 121.0

130 93.5 69.9 129.7



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

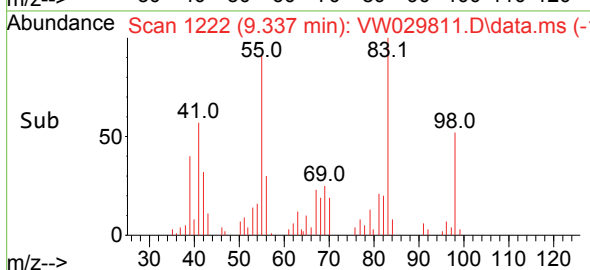
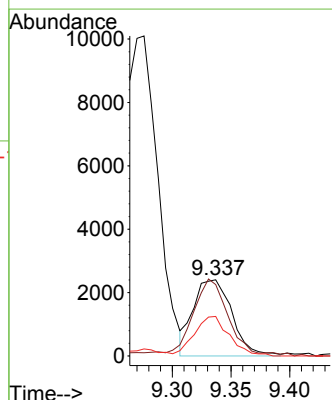
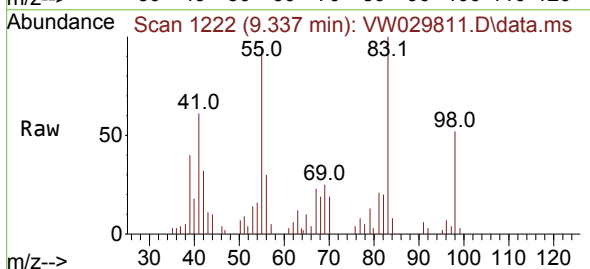
Tgt Ion: 83 Resp: 5523

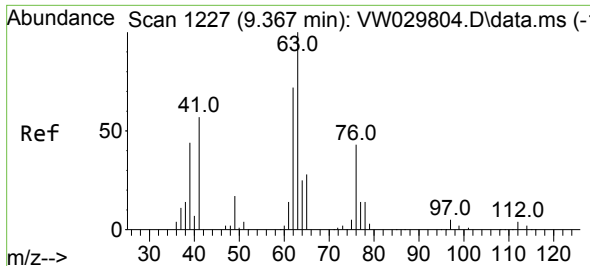
Ion Ratio Lower Upper

83 100

55 89.6 67.4 101.2

98 42.4 36.7 55.1

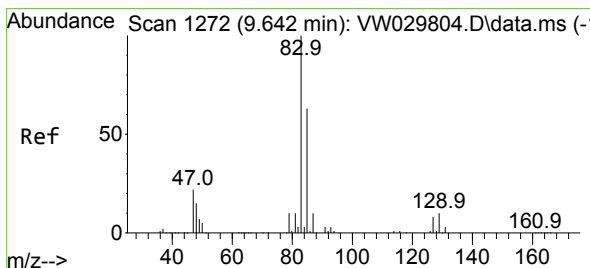
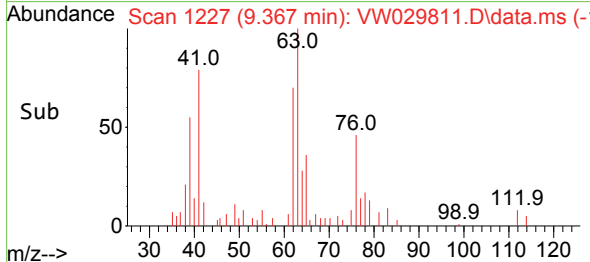
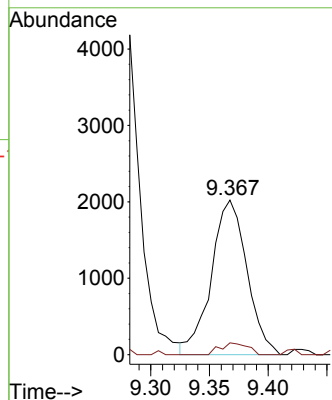
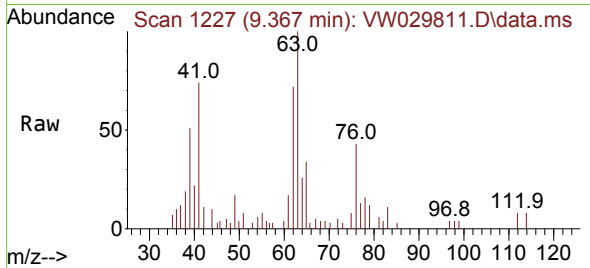




#37
1,2-Dichloropropane
Concen: 1.077 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

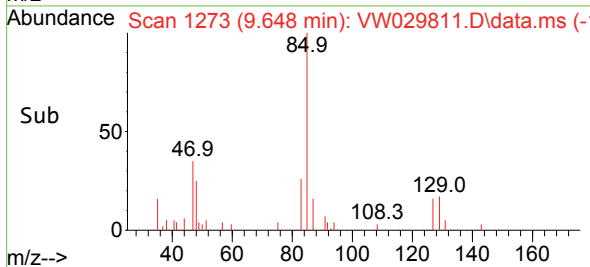
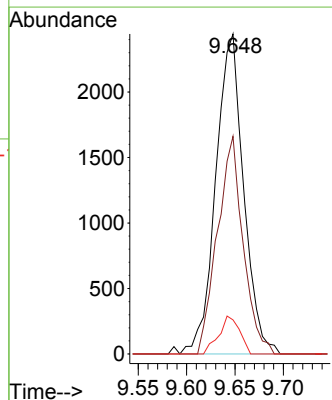
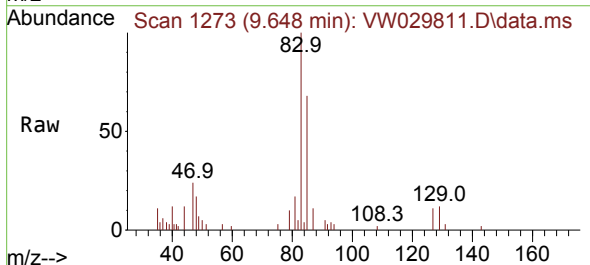
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

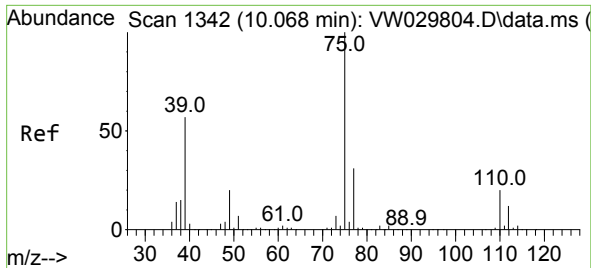
Tgt Ion: 63 Resp: 4260
Ion Ratio Lower Upper
63 100
112 5.8 3.3 4.9#



#38
Bromodichloromethane
Concen: 1.039 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 83 Resp: 4894
Ion Ratio Lower Upper
83 100
85 68.0 46.6 86.6
127 10.7 5.9 8.9#

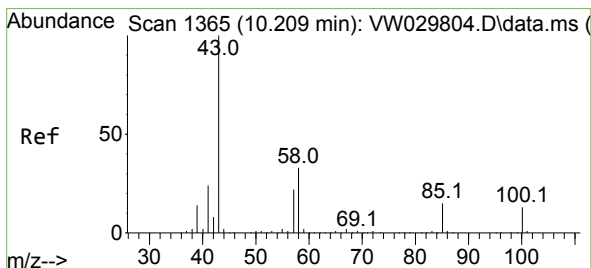
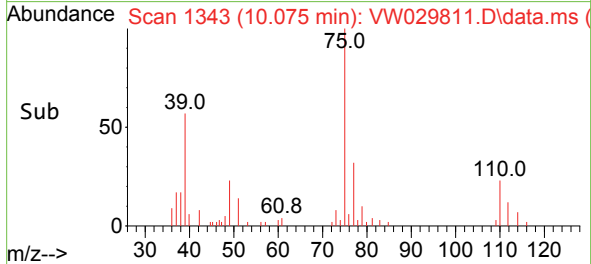
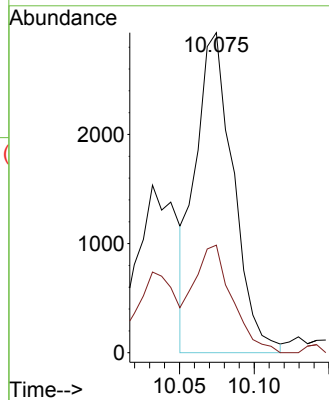
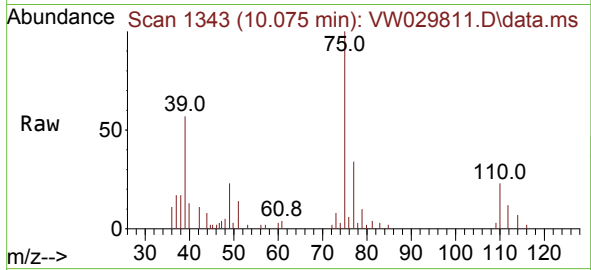




#39
cis-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 10.075 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

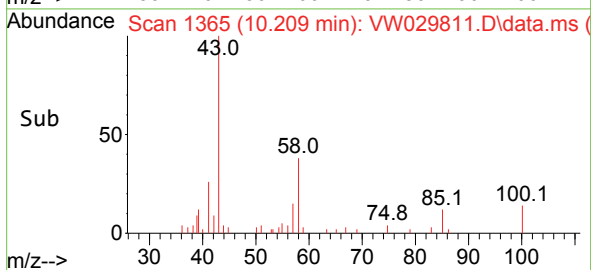
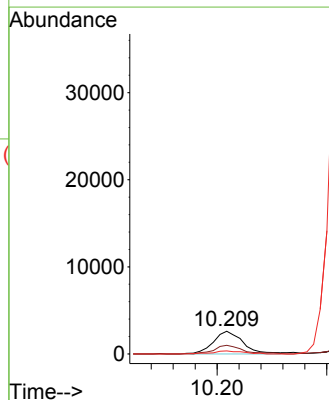
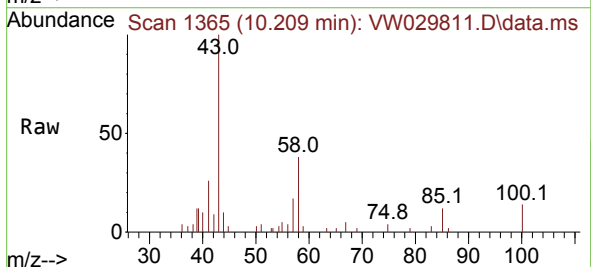
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

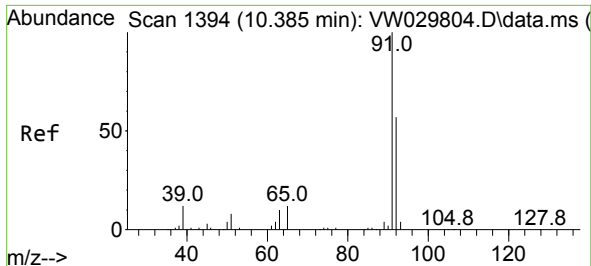
Tgt Ion: 75 Resp: 5151
Ion Ratio Lower Upper
75 100
77 33.6 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 1.950 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 43 Resp: 4902
Ion Ratio Lower Upper
43 100
58 36.8 28.7 43.1
100 14.1 10.0 15.0

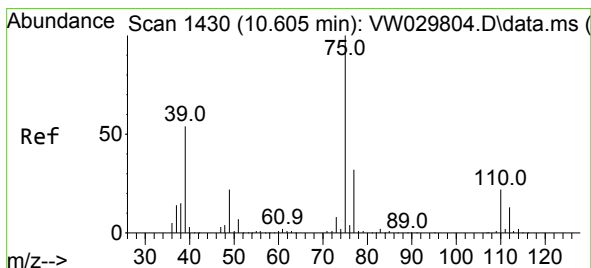
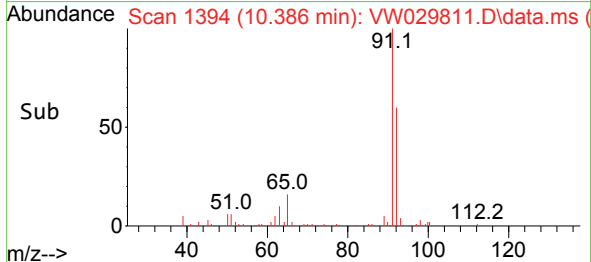
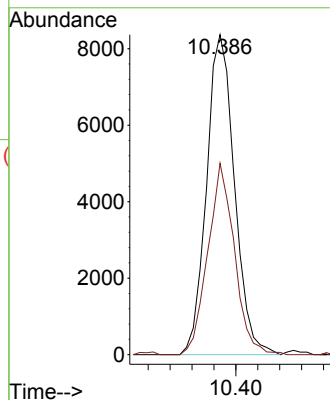
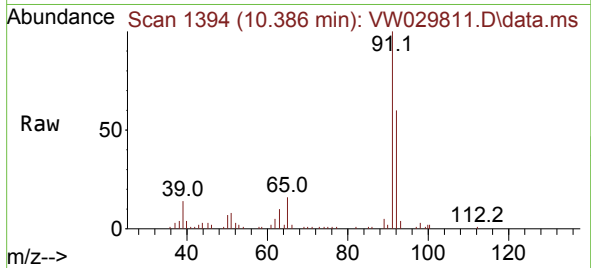




#42
Toluene
Concen: 1.005 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

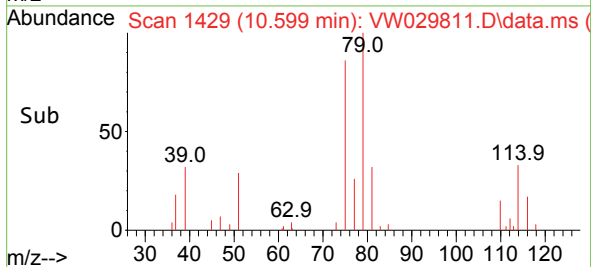
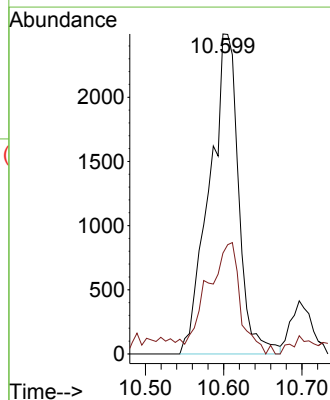
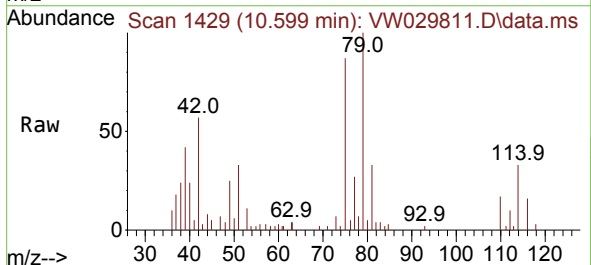
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

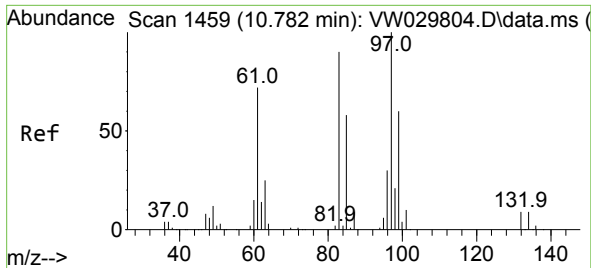
Tgt Ion: 91 Resp: 14809
Ion Ratio Lower Upper
91 100
92 59.8 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 1.350 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 75 Resp: 6459
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

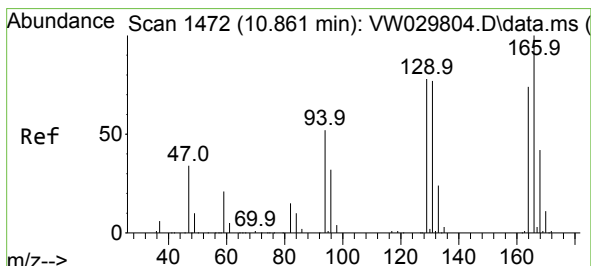
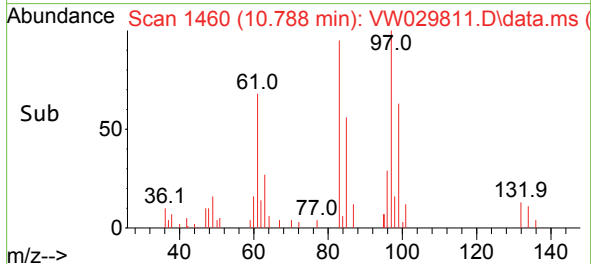
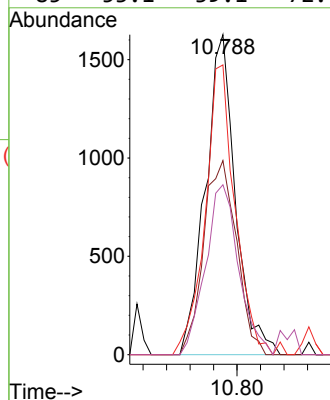
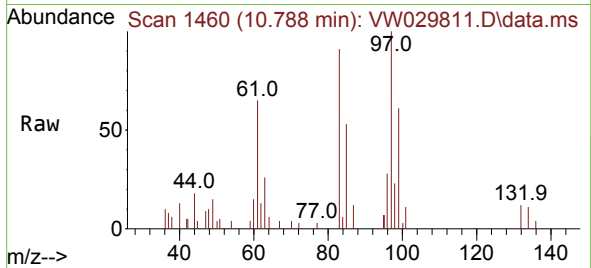




#45
1,1,2-Trichloroethane
Concen: 1.086 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

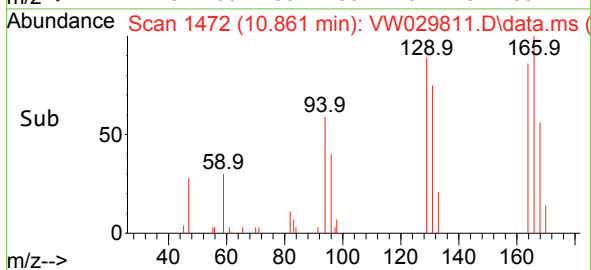
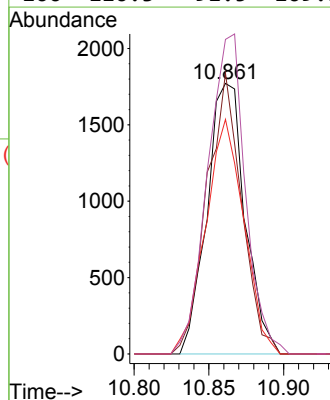
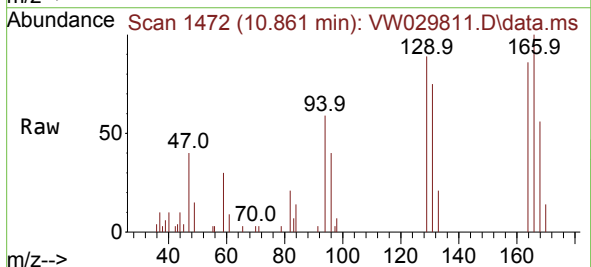
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

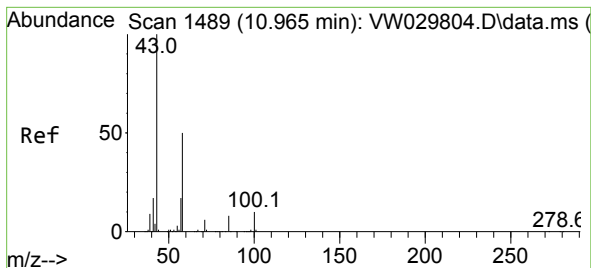
Tgt Ion: 97	Resp:	2887	
Ion	Ratio	Lower	Upper
97	100		
99	60.7	40.1	74.5
83	90.5	58.5	108.7
85	53.1	39.1	72.7



#46
Tetrachloroethene
Concen: 1.140 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt	Ion:164	Resp:	3136
Ion	Ratio	Lower	Upper
164	100		
129	103.8	77.8	144.6
131	86.7	70.9	131.7
166	116.3	91.5	169.9





#48

2-Hexanone

Concen: 1.934 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VW029811.D

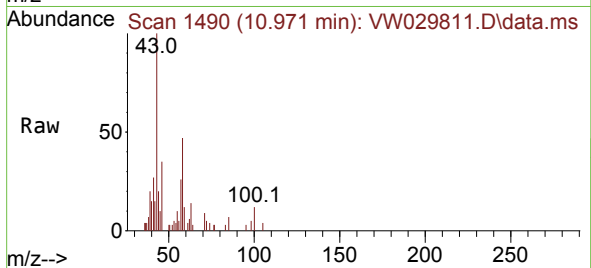
Acq: 31 Jul 2024 12:43

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion: 43 Resp: 3641

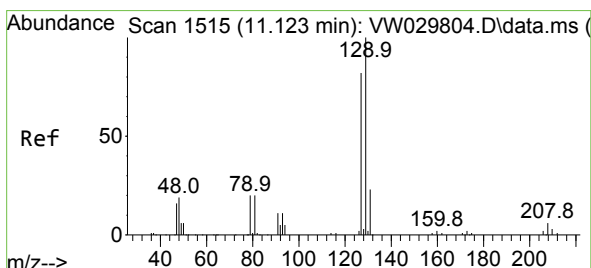
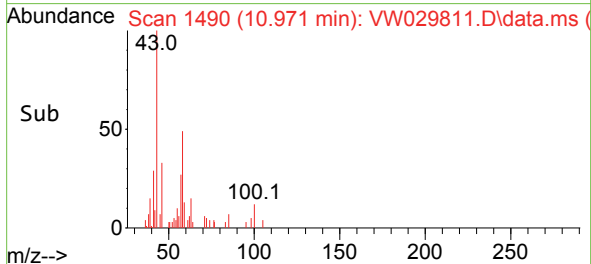
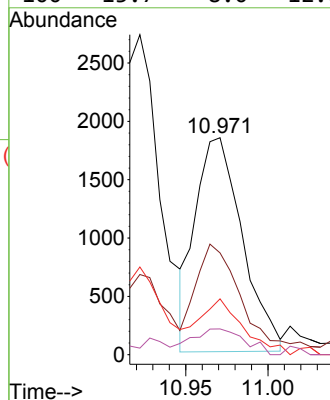
Ion Ratio Lower Upper

43 100

58 53.2 41.0 61.4

57 25.0 14.1 21.1#

100 13.7 8.0 12.0#



#49

Dibromochloromethane

Concen: 0.962 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029811.D

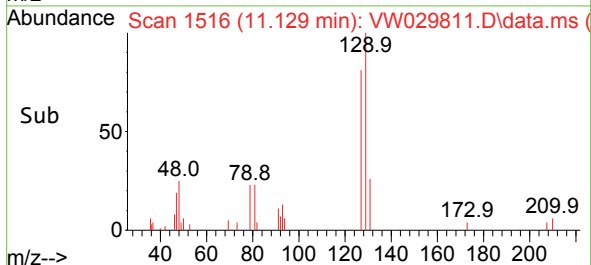
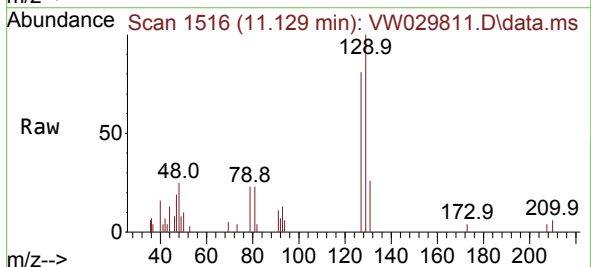
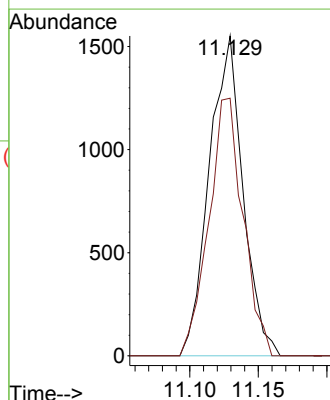
Acq: 31 Jul 2024 12:43

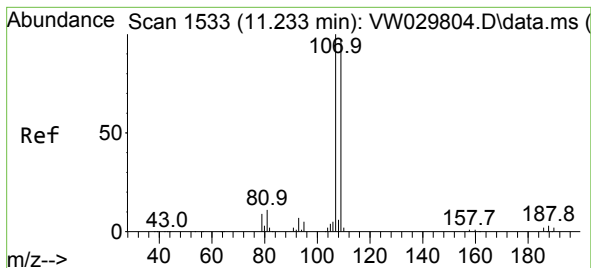
Tgt Ion: 129 Resp: 2656

Ion Ratio Lower Upper

129 100

127 80.5 52.4 97.2

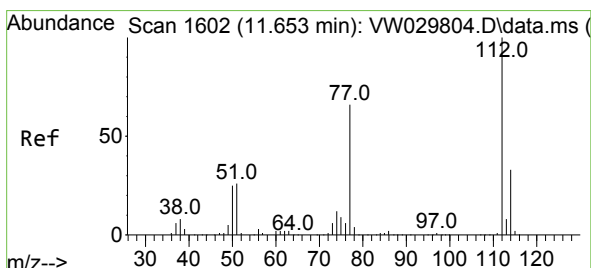
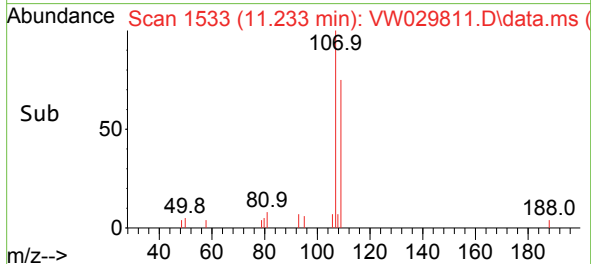
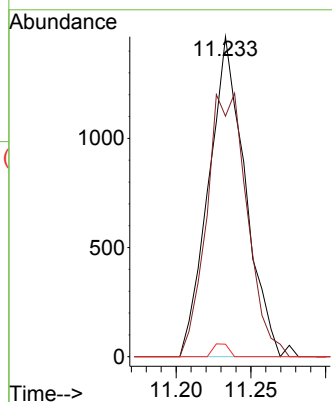
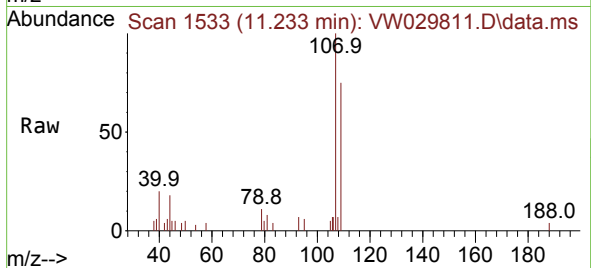




#50
1,2-Dibromoethane
Concen: 1.008 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

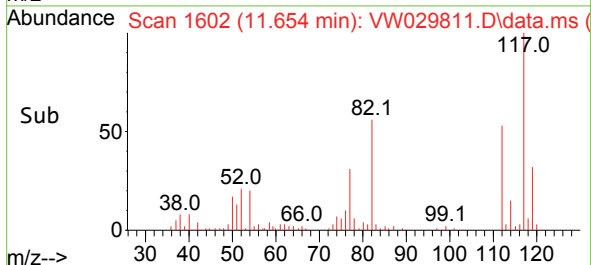
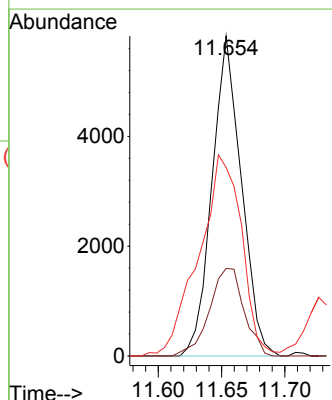
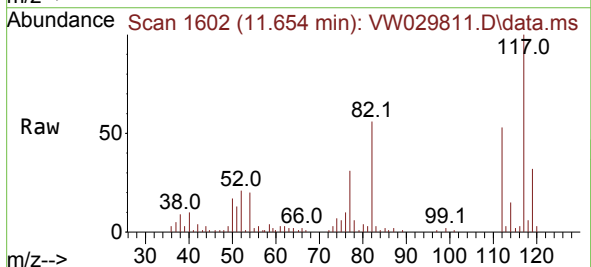
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

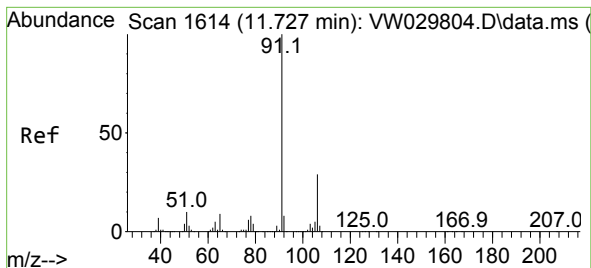
Tgt Ion:	107	Resp:	2480
Ion	Ratio	Lower	Upper
107	100		
109	75.2	64.8	120.3
188	3.9	2.7	4.1



#51
Chlorobenzene
Concen: 1.023 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:	112	Resp:	9376
Ion	Ratio	Lower	Upper
112	100		
114	27.3	22.0	40.8
77	59.0	53.8	80.8

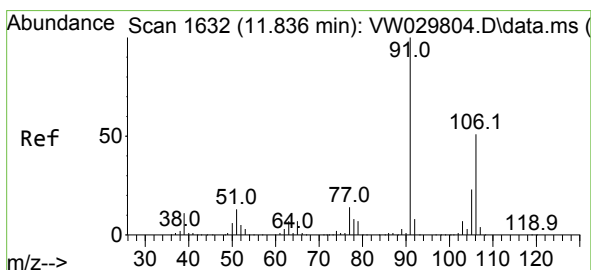
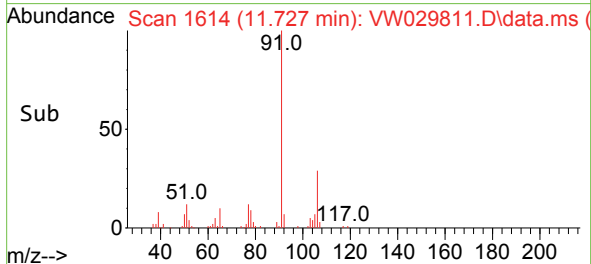
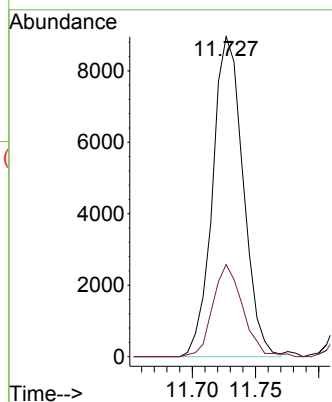
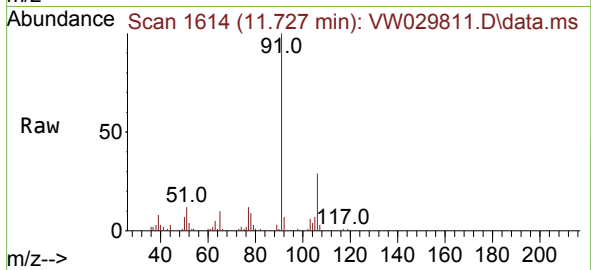




#52
Ethylbenzene
Concen: 0.905 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

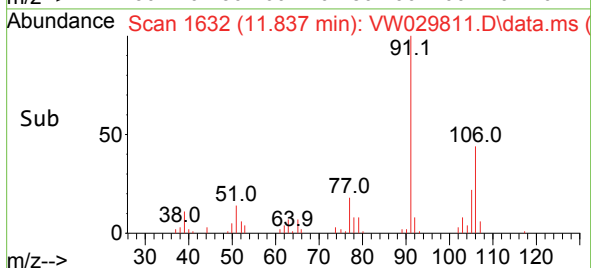
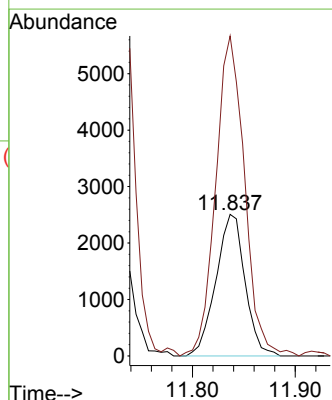
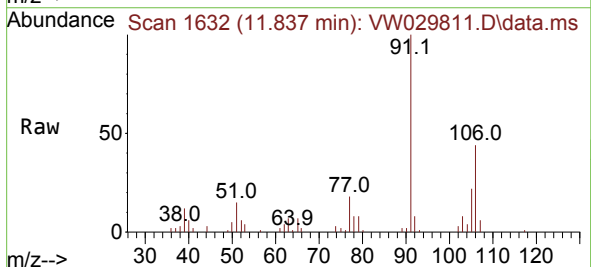
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

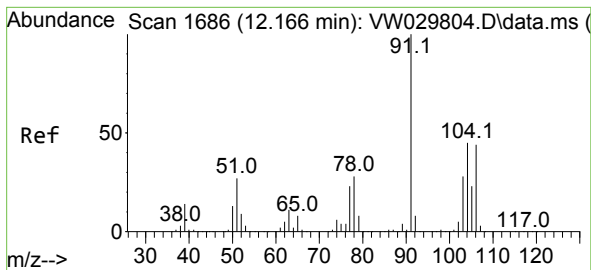
Tgt Ion: 91 Resp: 15051
Ion Ratio Lower Upper
91 100
106 28.8 20.4 38.0



#53
m,p-Xylene
Concen: 0.807 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 106 Resp: 4932
Ion Ratio Lower Upper
106 100
91 226.0 151.4 281.2

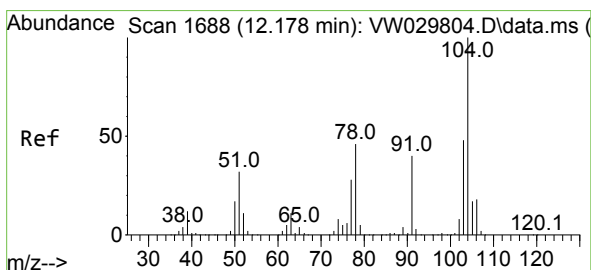
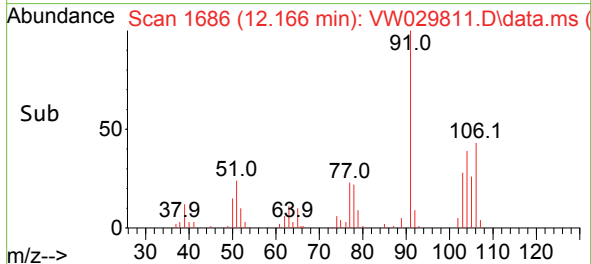
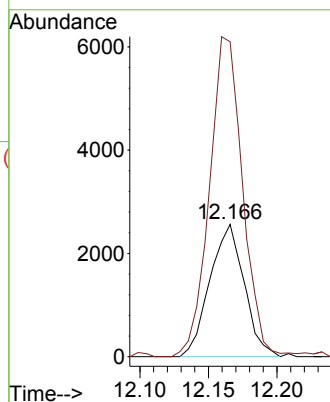
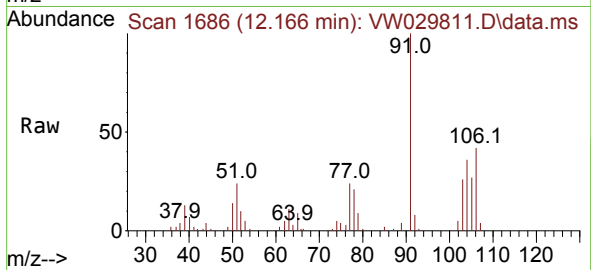




#54
o-Xylene
Concen: 0.792 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

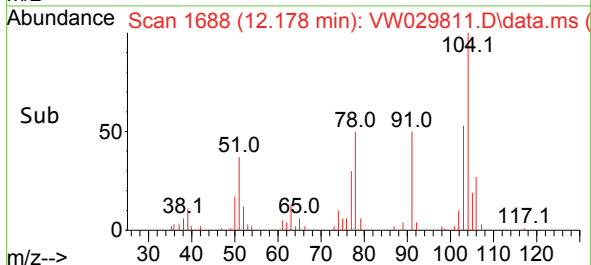
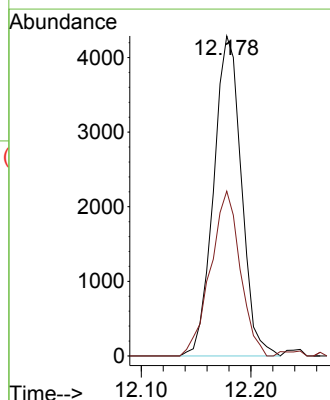
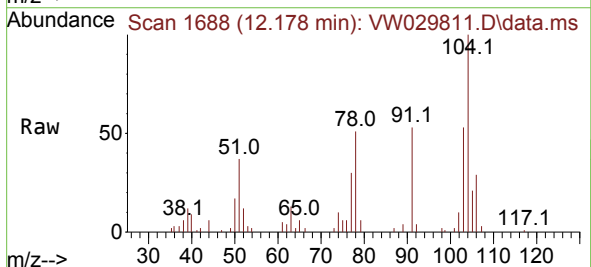
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

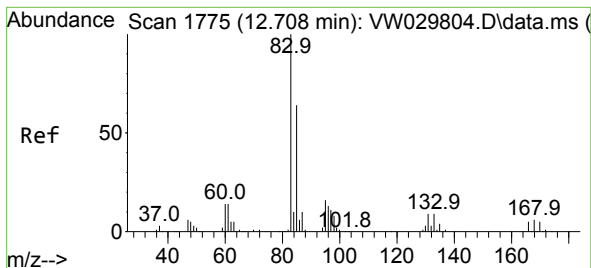
Tgt Ion:106 Resp: 4461
Ion Ratio Lower Upper
106 100
91 237.9 155.8 289.4



#55
Styrene
Concen: 0.772 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:104 Resp: 7537
Ion Ratio Lower Upper
104 100
78 51.5 33.3 61.9

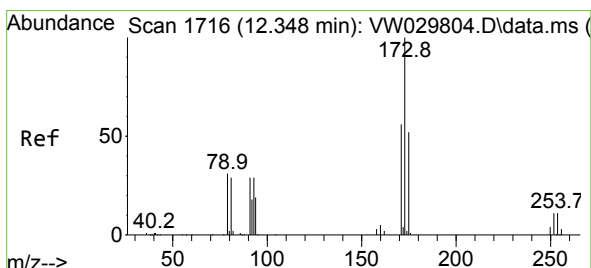
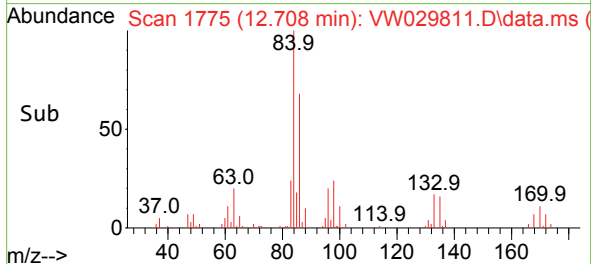
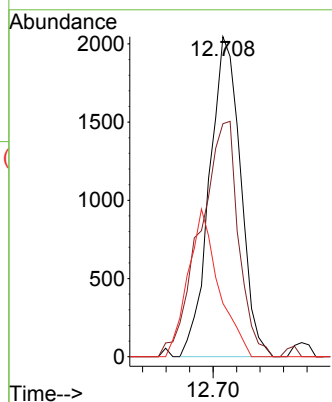
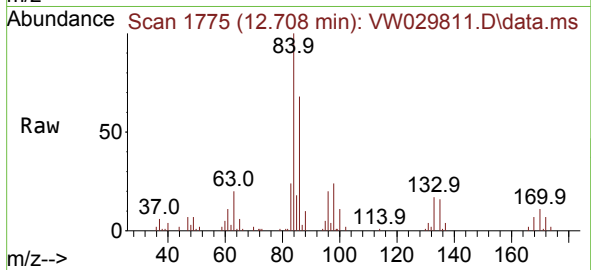




#57
1,1,2,2-Tetrachloroethane
Concen: 1.151 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

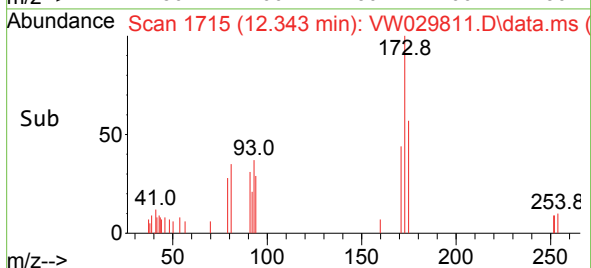
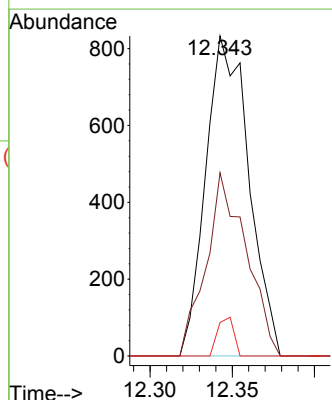
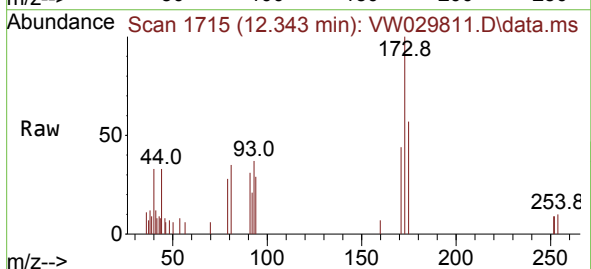
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

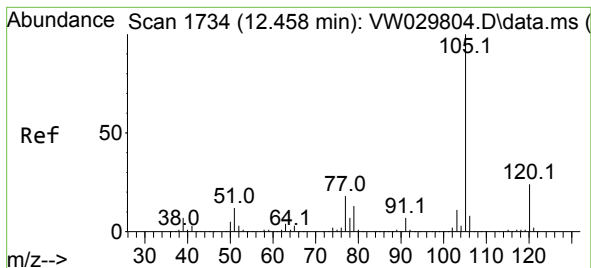
Tgt Ion: 83 Resp: 3757
Ion Ratio Lower Upper
83 100
85 72.8 44.2 82.0
131 16.7 6.2 9.2#



#59
Bromoform
Concen: 1.025 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion: 173 Resp: 1515
Ion Ratio Lower Upper
173 100
175 53.3 38.1 57.1
254 4.6 7.8 11.6#





#60

Isopropylbenzene

Concen: 0.775 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT3-2024-06

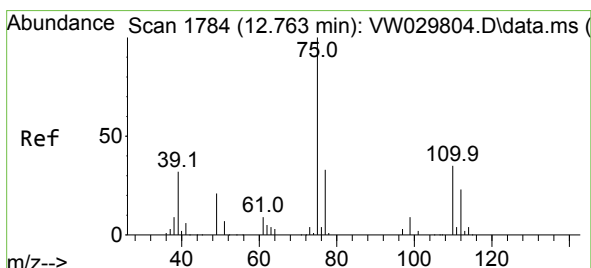
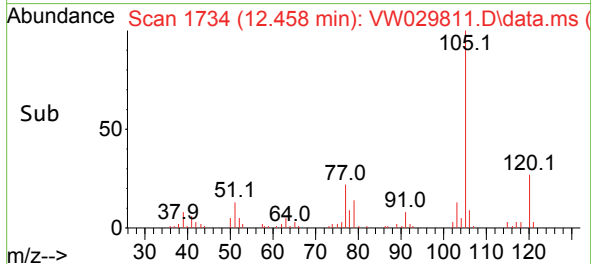
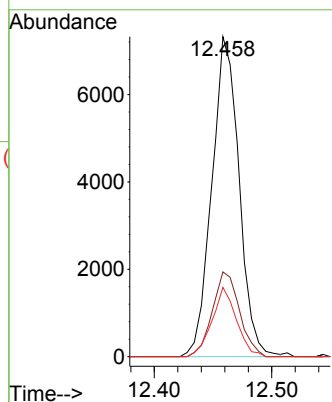
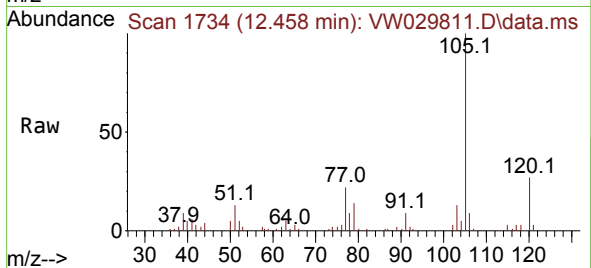
Tgt Ion:105 Resp: 11775

Ion Ratio Lower Upper

105 100

120 26.4 20.3 30.5

77 19.5 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029811.D

Acq: 31 Jul 2024 12:43

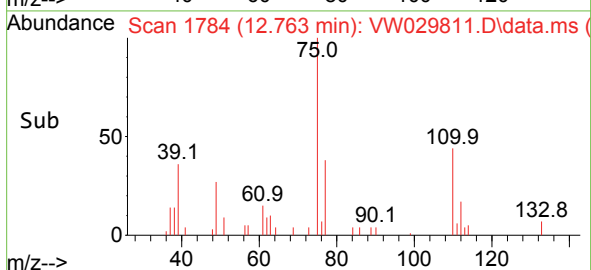
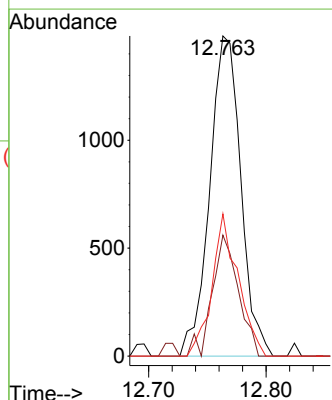
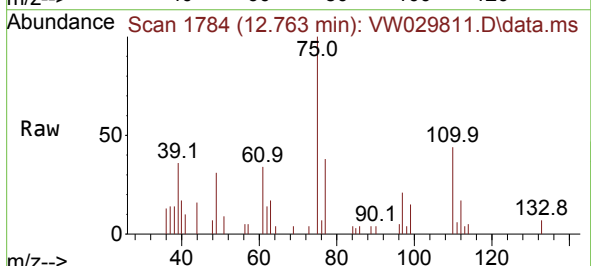
Tgt Ion: 75 Resp: 2730

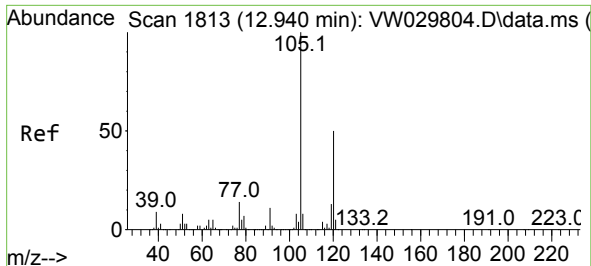
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

110 37.4 28.6 43.0

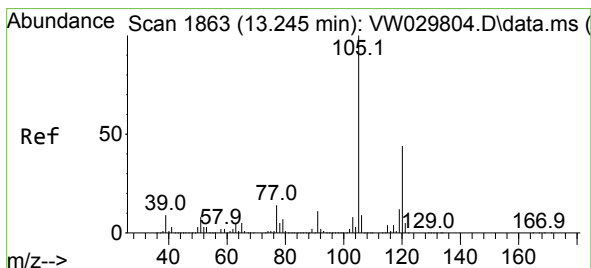
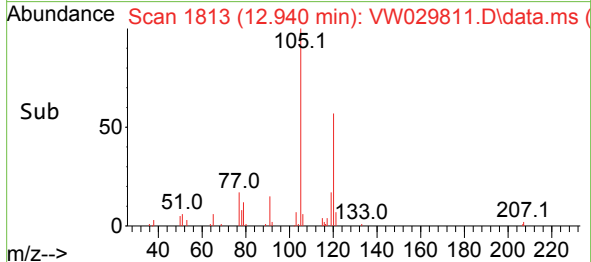
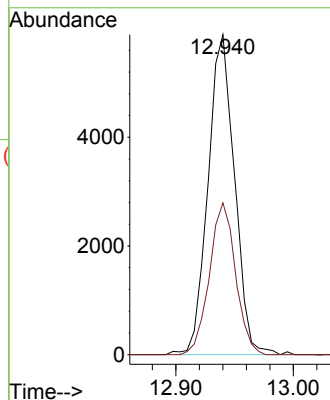
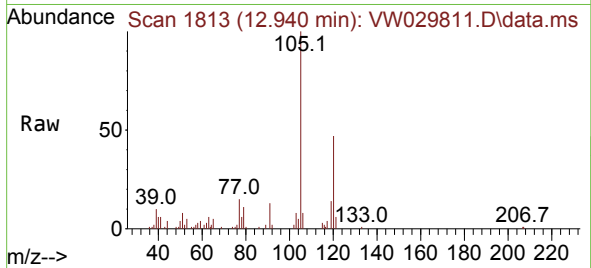




#62
1,3,5-Trimethylbenzene
Concen: 0.814 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

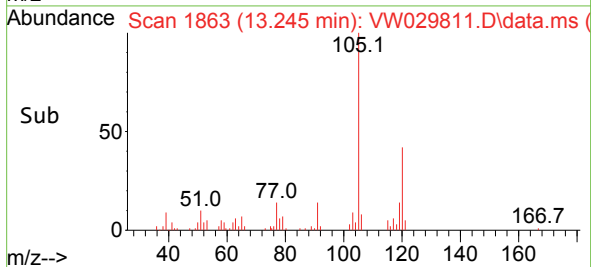
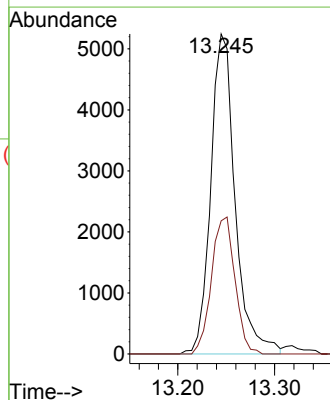
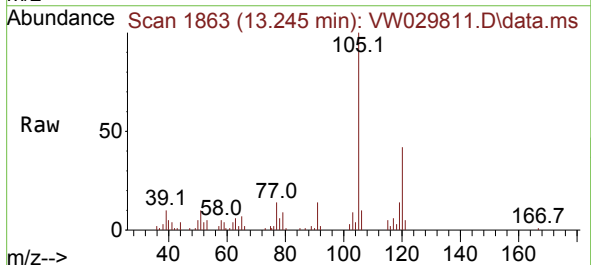
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

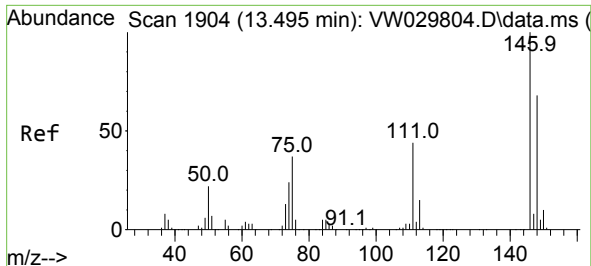
Tgt Ion:105 Resp: 9196
Ion Ratio Lower Upper
105 100
120 46.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 0.761 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:105 Resp: 9190
Ion Ratio Lower Upper
105 100
120 41.2 35.4 53.0

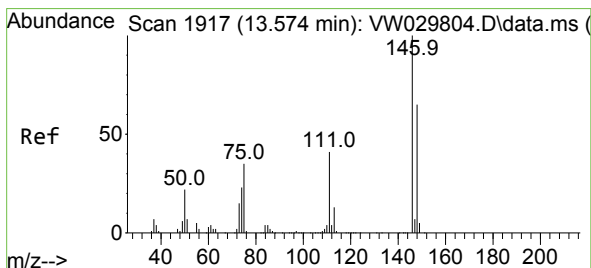
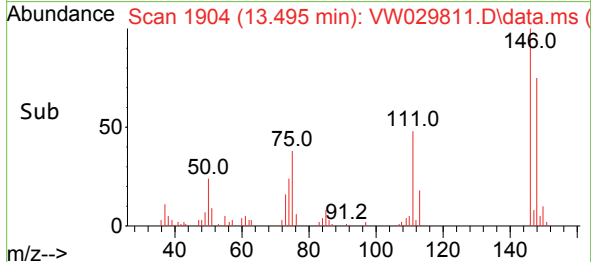
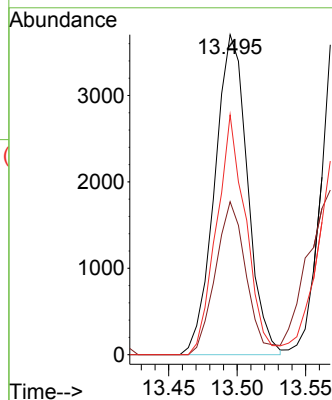
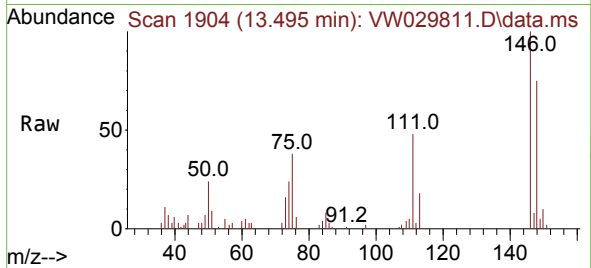




#64
1,3-Dichlorobenzene
Concen: 0.953 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

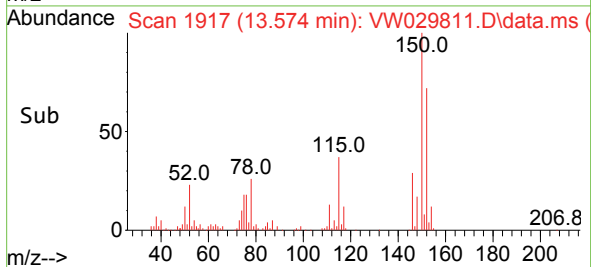
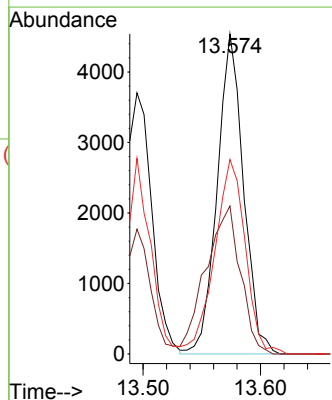
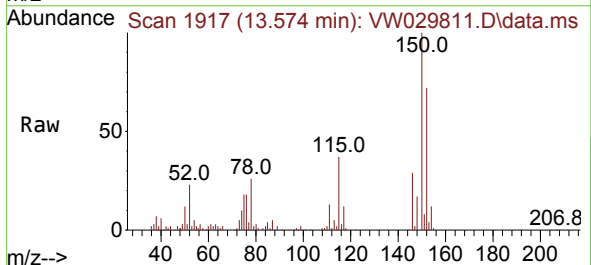
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

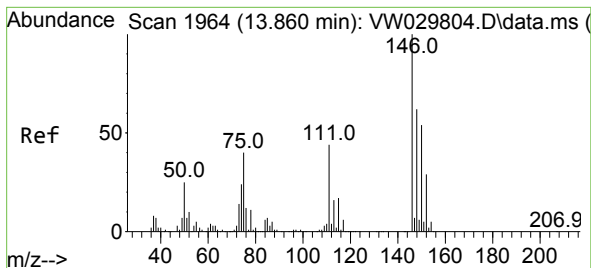
Tgt Ion:146 Resp: 6180
Ion Ratio Lower Upper
146 100
111 47.8 28.7 53.3
148 74.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 1.061 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:146 Resp: 7071
Ion Ratio Lower Upper
146 100
111 46.3 30.1 55.9
148 60.8 45.4 84.4

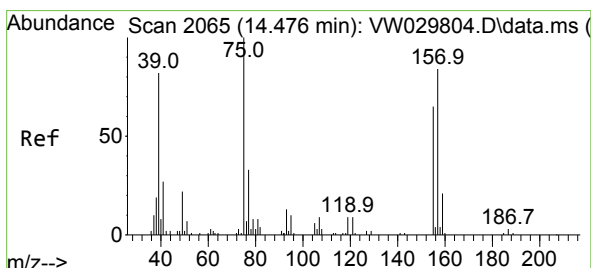
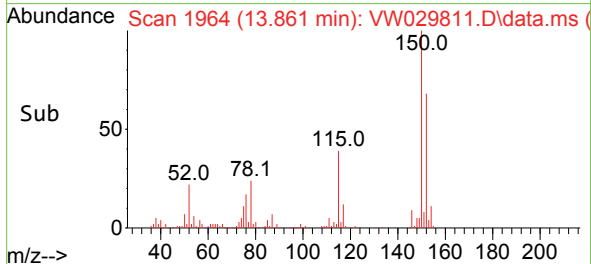
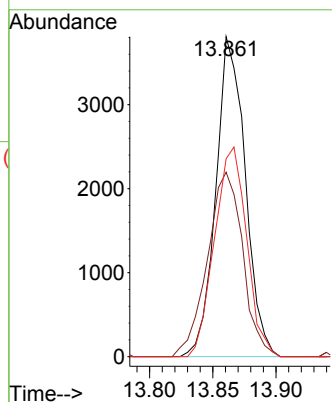
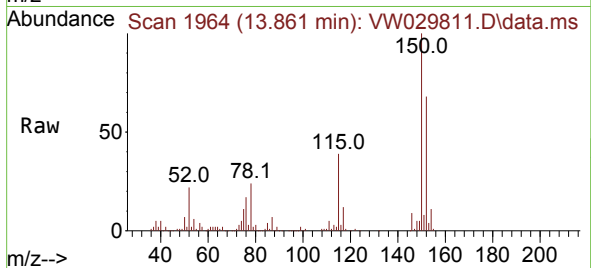




#67
1,2-Dichlorobenzene
Concen: 1.042 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

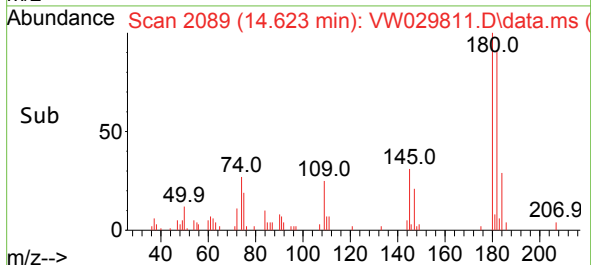
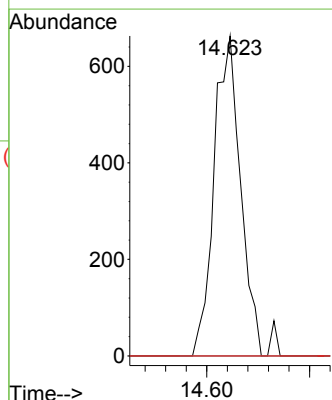
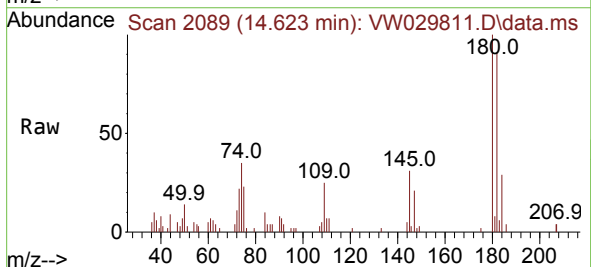
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

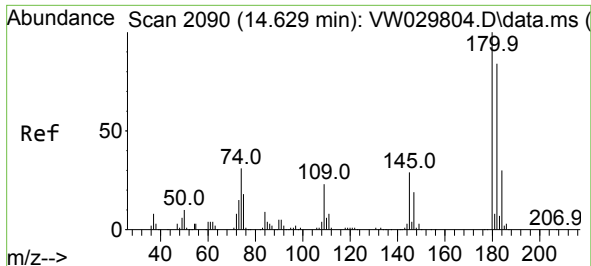
Tgt Ion	Ratio	Lower	Upper
146	100		
111	57.6	35.8	53.8#
148	61.9	52.6	78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 2.229 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.147 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.8	71.6#
157	0.0	63.7	95.5#

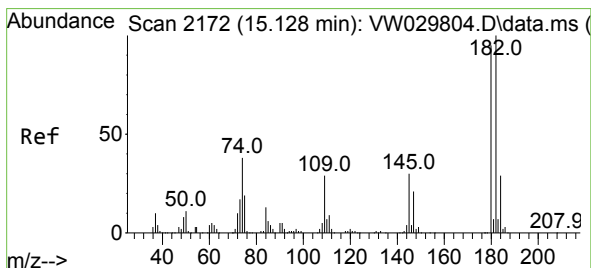
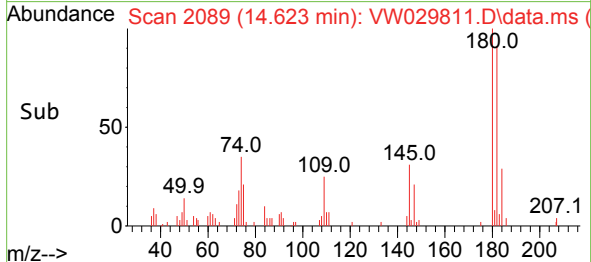
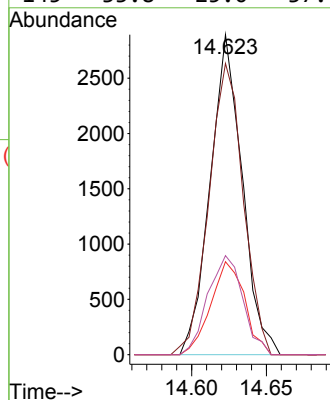
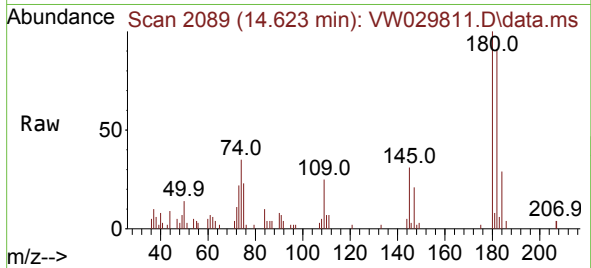




#69
1,3,5-Trichlorobenzene
Concen: 0.971 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

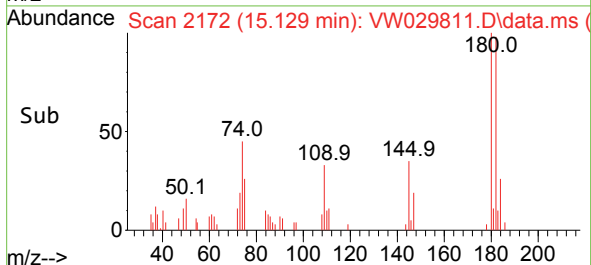
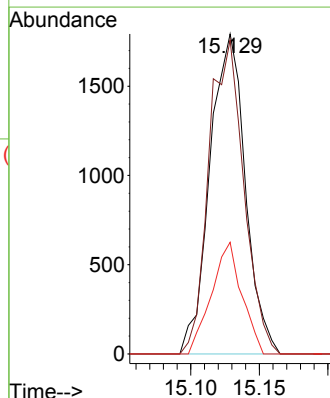
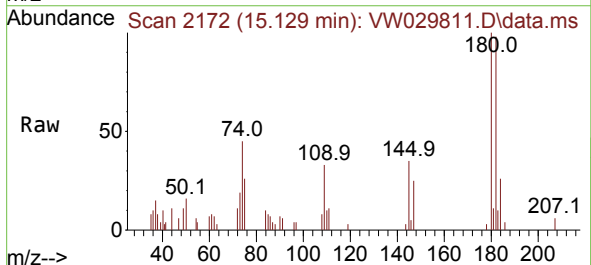
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

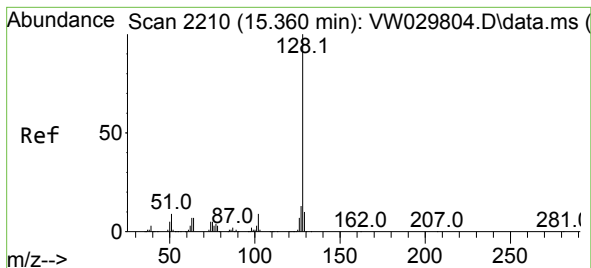
Tgt Ion:180 Resp: 4308
Ion Ratio Lower Upper
180 100
182 97.3 72.7 109.1
184 30.8 23.3 34.9
145 33.8 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 0.861 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:180 Resp: 3220
Ion Ratio Lower Upper
180 100
182 96.6 80.2 120.4
145 29.9 26.3 39.5

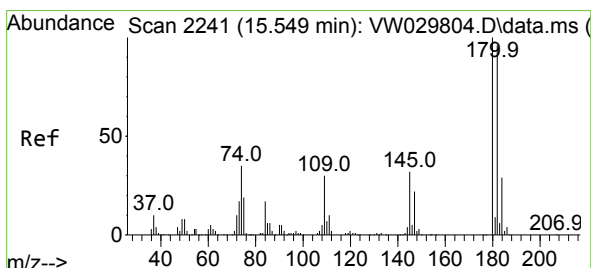
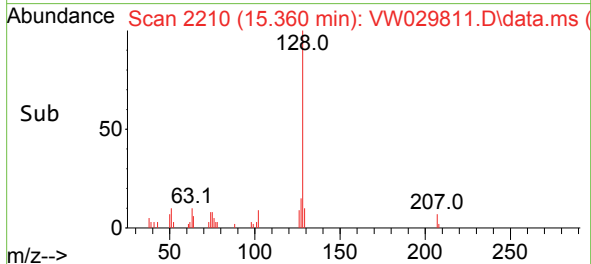
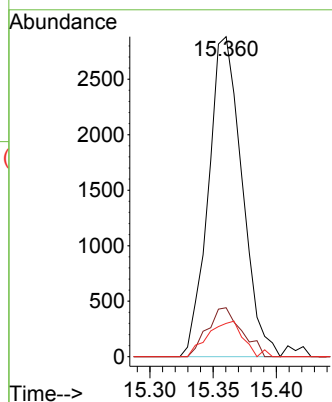
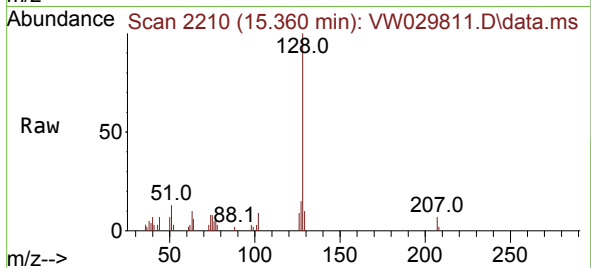




#71
Naphthalene
Concen: 0.747 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:	128	Resp:	5329
Ion Ratio	Lower	Upper	
128	100		
127	15.5	10.7	16.1
129	11.3	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 0.856 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029811.D
Acq: 31 Jul 2024 12:43

Tgt Ion:	180	Resp:	2896
Ion Ratio	Lower	Upper	
180	100		
182	100.6	74.0	111.0
145	33.8	27.5	41.3

