

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075581.D
 Acq On : 05 Apr 2023 16:40
 Operator : KP/SY
 Sample : 01378-01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT1-2023-01

Quant Time: Apr 05 23:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	325456	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	294440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	155916	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	197557	26.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.280%	
7) Chloroethane-d5	2.805	69	183501	27.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.840%	
11) 1,1-Dichloroethene-d2	3.916	63	125637	20.556	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 82.240%	
21) 2-Butanone-d5	6.987	46	31235	63.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 126.600%	
24) Chloroform-d	7.569	84	190925	24.882	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.520%	
26) 1,2-Dichloroethane-d4	8.322	65	198	0.058	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.240%#	
32) Benzene-d6	8.204	84	397837	23.112	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 92.440%	
36) 1,2-Dichloropropane-d6	9.210	67	109582	23.887	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.560%	
41) Toluene-d8	10.269	98	370602	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 91.840%	
43) trans-1,3-Dichloroprop...	10.528	79	44488	23.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.040%	
47) 2-Hexanone-d5	10.881	63	27815	51.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.480%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91275	26.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.240%	
66) 1,2-Dichlorobenzene-d4	13.816	152	143297	26.792	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	3664	1.201	ug/L #	79
3) Chloromethane	2.152	50	6291	1.576	ug/L	98
5) Vinyl chloride	2.287	62	8725	1.403	ug/L #	65
6) Bromomethane	2.699	94	6170	1.454	ug/L	97
8) Chloroethane	2.840	64	5857	1.352	ug/L #	63
9) Trichlorofluoromethane	3.181	101	6593	1.219	ug/L	99
12) 1,1-Dichloroethene	3.940	96	5246	1.690	ug/L #	1
13) Acetone	4.040	43	1986	3.837	ug/L	63
14) Carbon disulfide	4.269	76	9941	1.339	ug/L	95
16) Methylene chloride	4.799	84	9895	2.212	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	3885	1.179	ug/L	91
19) 1,1-Dichloroethane	6.116	63	6703	1.187	ug/L #	85
22) 2-Butanone	7.081	43	2051	3.327	ug/L	88
23) Bromochloromethane	7.422	128	2117	1.160	ug/L	87
25) Chloroform	7.593	83	9173	1.356	ug/L	97
27) 1,2-Dichloroethane	8.328	62	4179	1.195	ug/L	100
29) Cyclohexane	7.875	56	2526	0.703	ug/L #	37
30) 1,1,1-Trichloroethane	7.787	97	3236	0.558	ug/L #	23
33) Benzene	8.245	78	16473	1.087	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

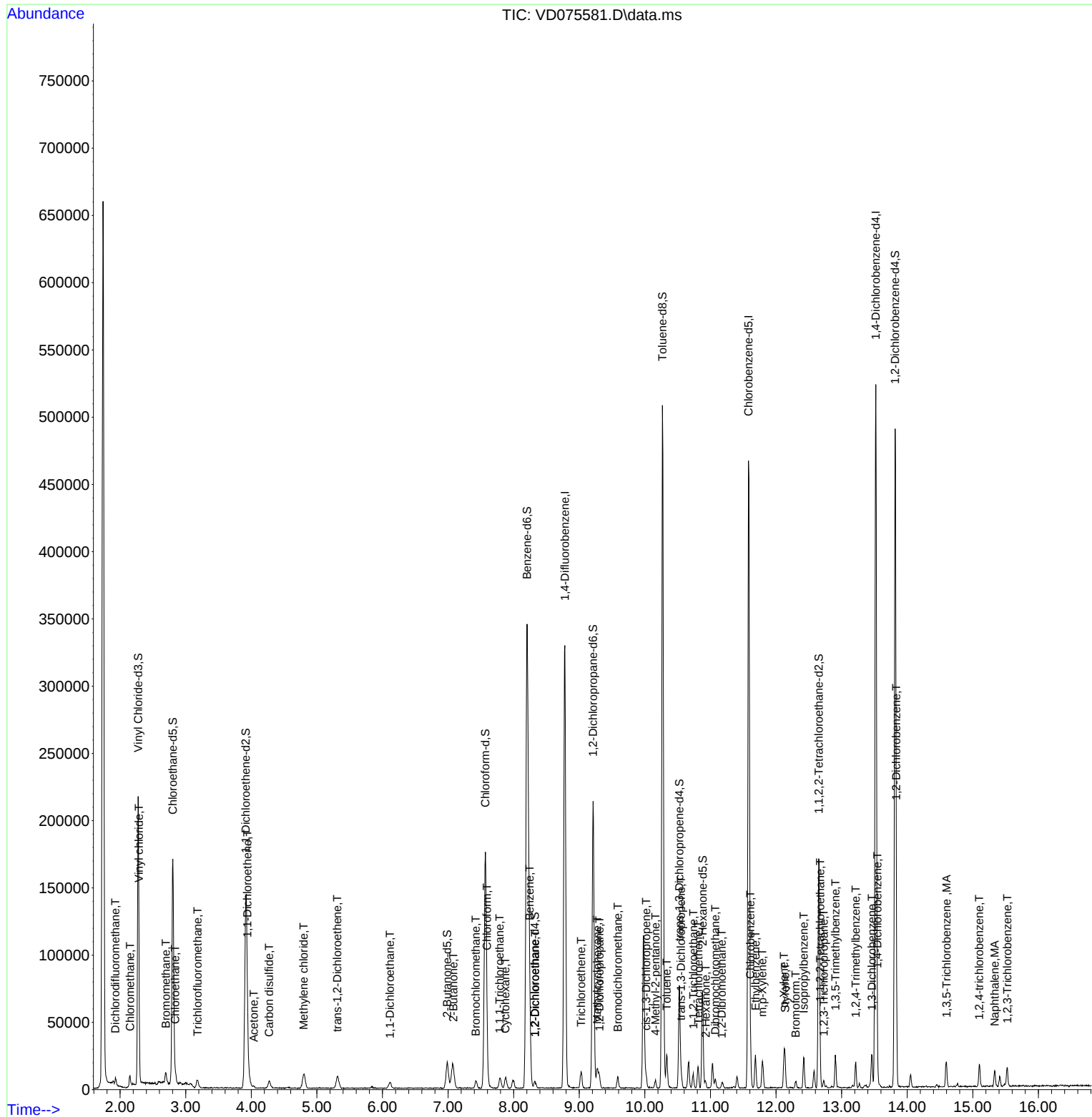
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.028	95	4636	1.092	ug/L	90
35) Methylcyclohexane	9.275	83	6351	1.144	ug/L #	81
37) 1,2-Dichloropropane	9.310	63	4532	1.271	ug/L #	91
38) Bromodichloromethane	9.587	83	5834	1.149	ug/L #	92
39) cis-1,3-Dichloropropene	10.022	75	6347	1.123	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	3214	2.406	ug/L #	94
42) Toluene	10.334	91	18203	1.081	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	5394	1.123	ug/L	87
45) 1,1,2-Trichloroethane	10.739	97	3618	1.106	ug/L #	90
46) Tetrachloroethene	10.816	164	3987	1.199	ug/L	90
48) 2-Hexanone	10.928	43	2574	2.859	ug/L #	92
49) Dibromochloromethane	11.075	129	4044	1.142	ug/L	76
50) 1,2-Dibromoethane	11.175	107	2042	0.712	ug/L #	72
51) Chlorobenzene	11.610	112	12787	1.128	ug/L	86
52) Ethylbenzene	11.686	91	17734	1.002	ug/L	99
53) m,p-Xylene	11.792	106	6714	0.967	ug/L	95
54) o-Xylene	12.122	106	5949	0.900	ug/L	73
55) Styrene	12.139	104	9819	0.834	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	4384	1.299	ug/L #	84
59) Bromoform	12.298	173	2016	0.836	ug/L #	90
60) Isopropylbenzene	12.422	105	15605	0.758	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	2357	0.955	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	11666	0.751	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	10425	0.702	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	11294	1.212	ug/L	92
65) 1,4-Dichlorobenzene	13.545	146	12431	1.278	ug/L	92
67) 1,2-Dichlorobenzene	13.833	146	11705	1.386	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	6806	1.184	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	6635	1.426	ug/L	96
71) Naphthalene	15.333	128	11088	1.289	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	6191	1.485	ug/L	95

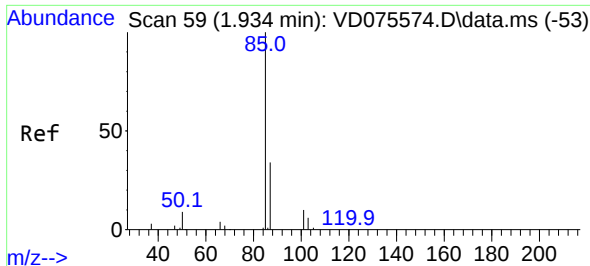
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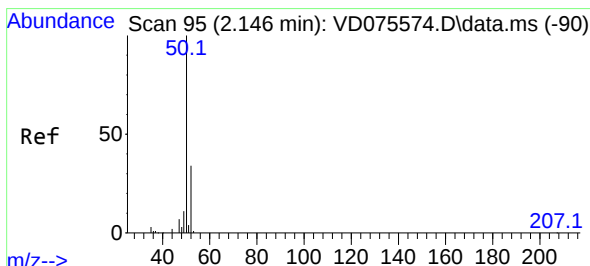
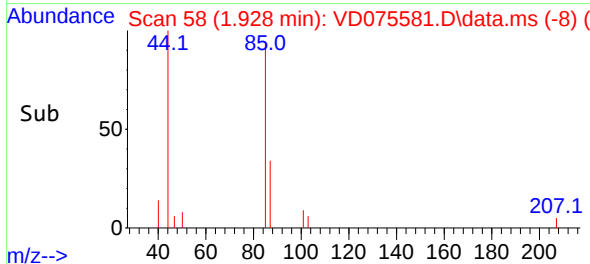
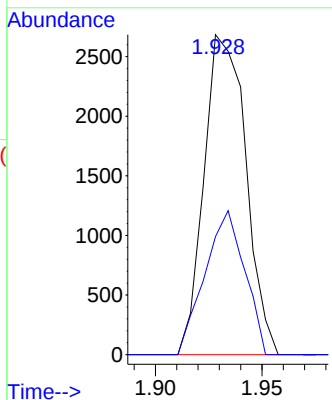
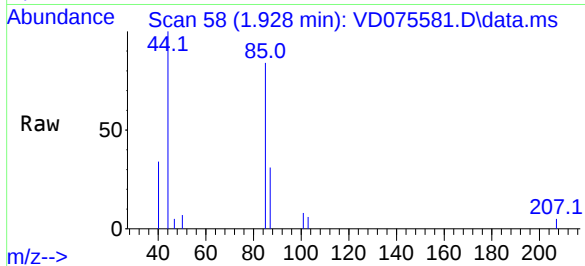




#2
Dichlorodifluoromethane
Concen: 1.201 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

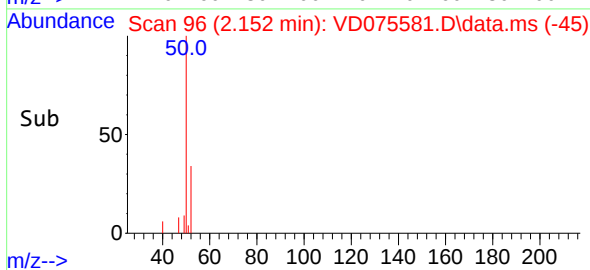
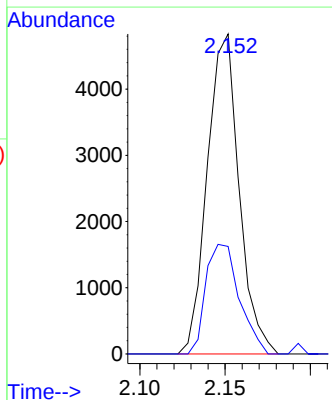
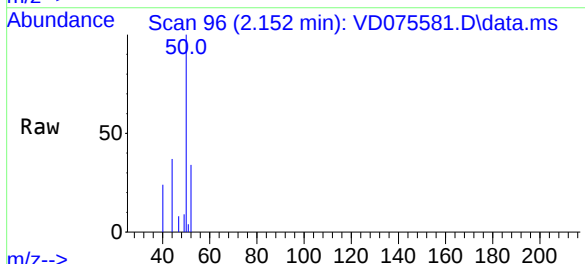
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ClientSampleId :
MDL-SOIL-QT1-2023-01

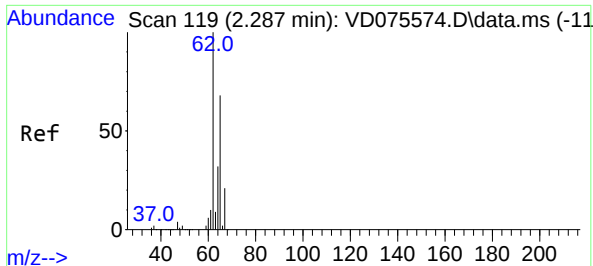
Tgt Ion: 85 Resp: 3664
Ion Ratio Lower Upper
85 100
87 42.8 25.0 37.4#



#3
Chloromethane
Concen: 1.576 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 50 Resp: 6291
Ion Ratio Lower Upper
50 100
52 33.6 22.7 42.1

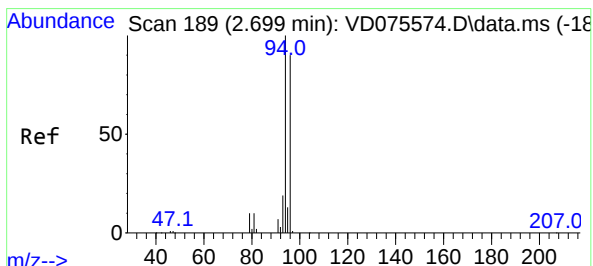
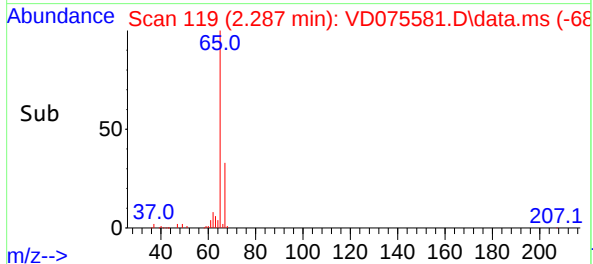
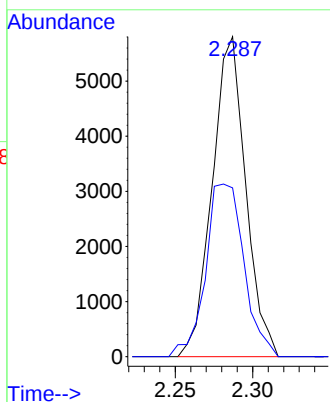
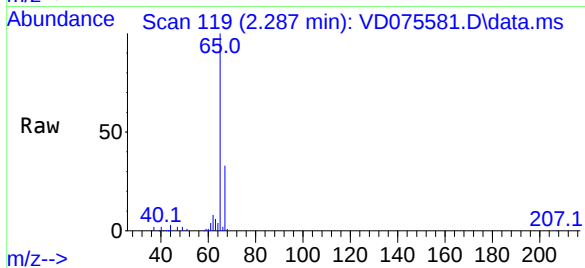




#5
Vinyl chloride
Concen: 1.403 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

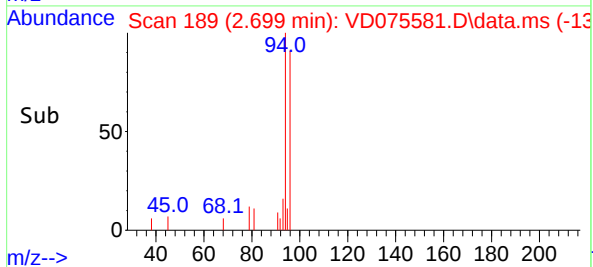
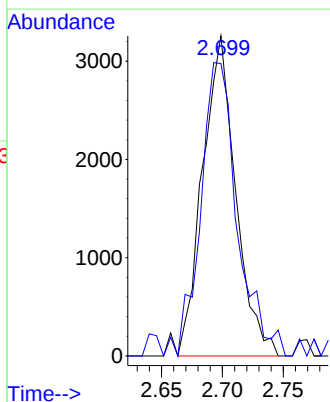
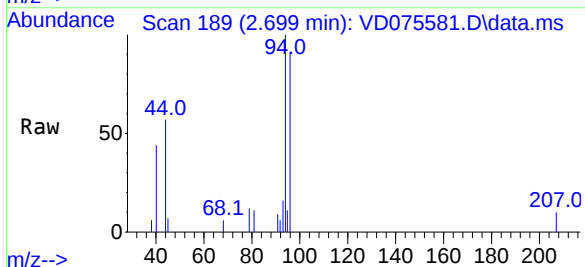
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ClientSampleId :
MDL-SOIL-QT1-2023-01

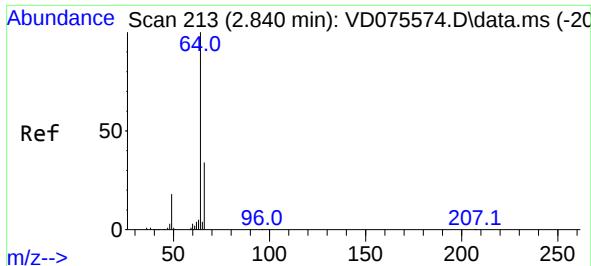
Tgt Ion: 62 Resp: 8725
Ion Ratio Lower Upper
62 100
64 52.7 23.1 42.9#



#6
Bromomethane
Concen: 1.454 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 94 Resp: 6170
Ion Ratio Lower Upper
94 100
96 91.4 66.1 122.7

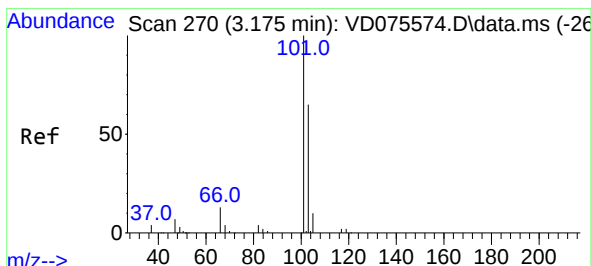
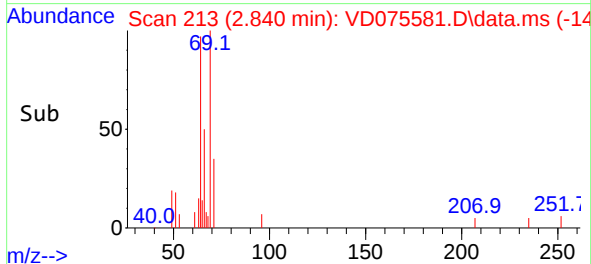
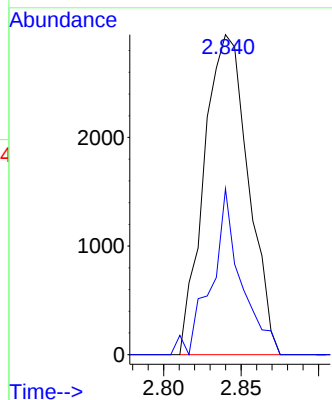
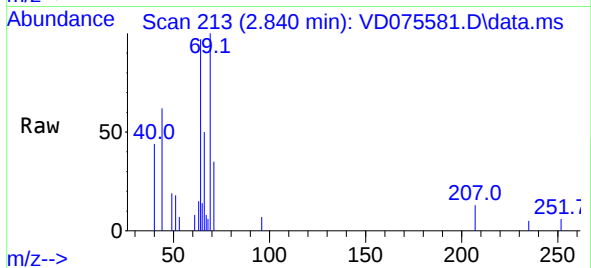




#8
Chloroethane
Concen: 1.352 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

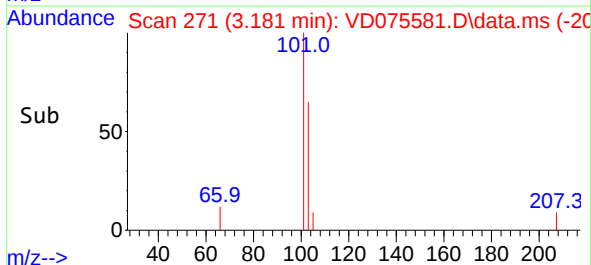
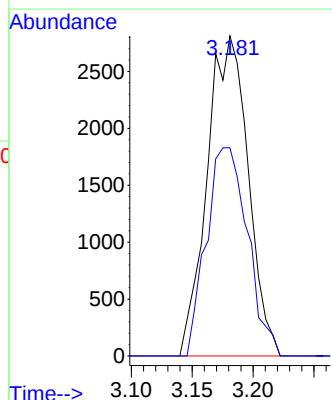
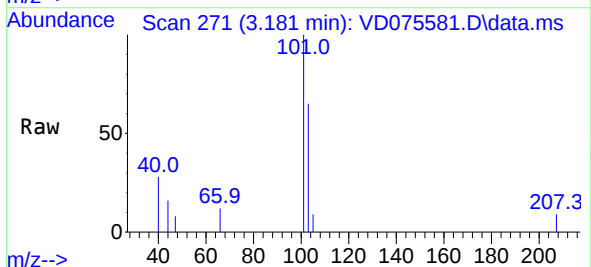
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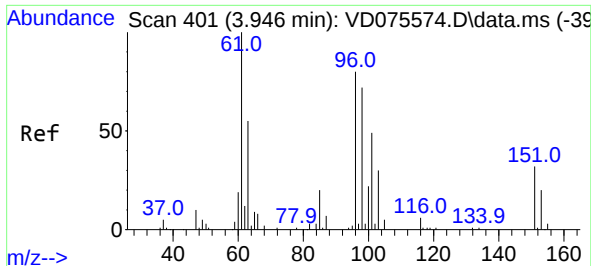
Tgt Ion: 64 Resp: 5857
Ion Ratio Lower Upper
64 100
66 51.8 22.0 41.0#



#9
Trichlorofluoromethane
Concen: 1.219 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:101 Resp: 6593
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3





#12

1,1-Dichloroethene

Concen: 1.690 ug/L

RT: 3.940 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT1-2023-01

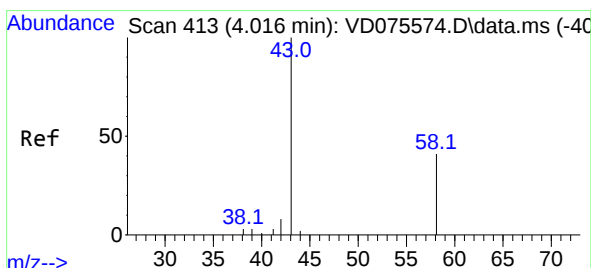
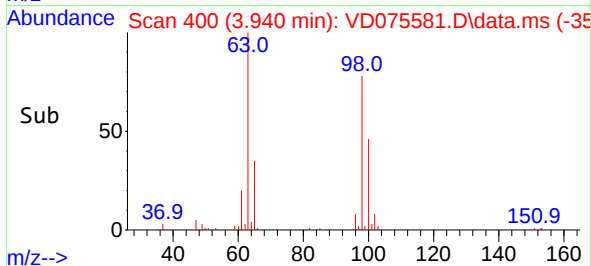
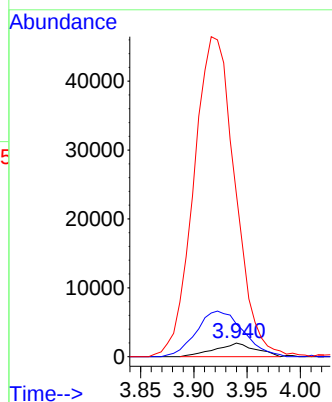
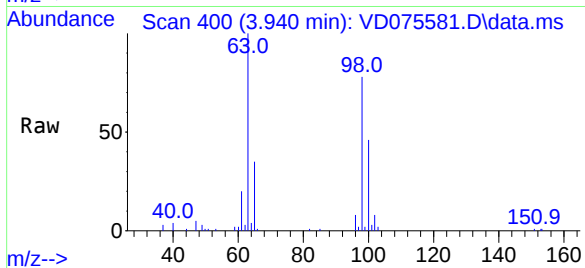
Tgt Ion: 96 Resp: 5246

Ion Ratio Lower Upper

96 100

61 240.5 96.7 179.7#

63 1198.2 76.0 141.2#



#13

Acetone

Concen: 3.837 ug/L

RT: 4.040 min Scan# 417

Delta R.T. 0.024 min

Lab File: VD075581.D

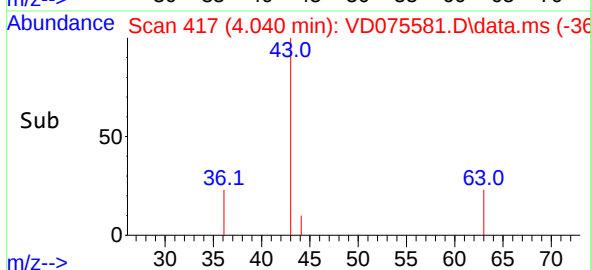
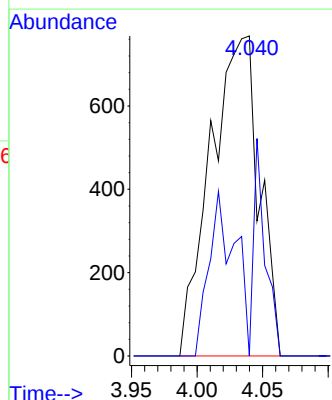
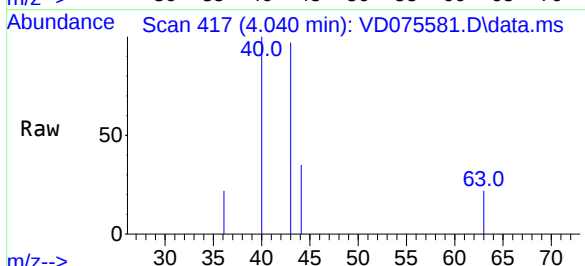
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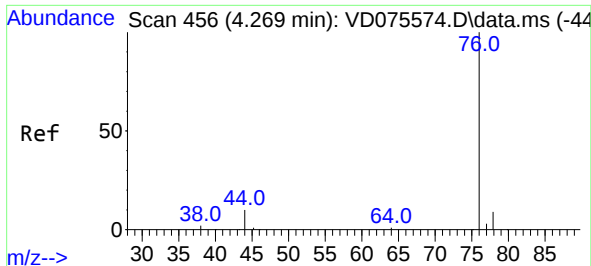
Tgt Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100

58 16.1 0.0 77.4

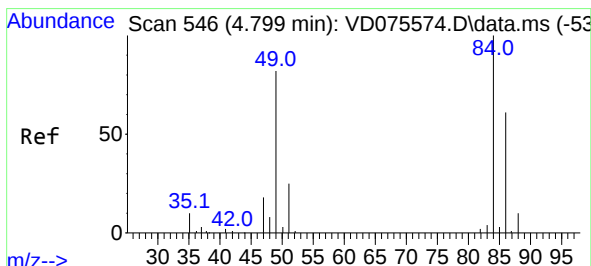
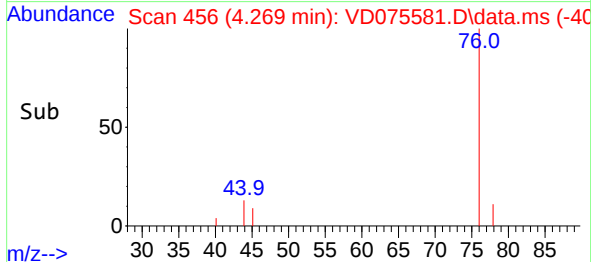
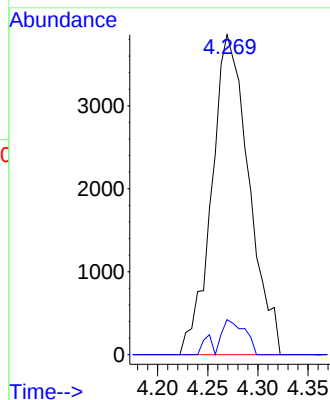
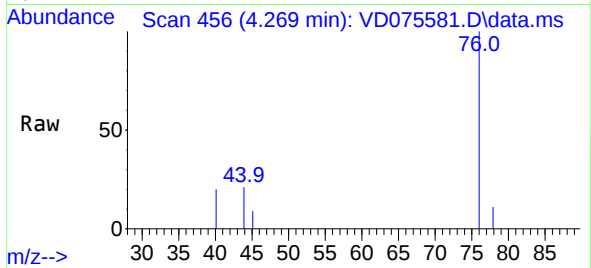




#14
Carbon disulfide
Concen: 1.339 ug/L
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

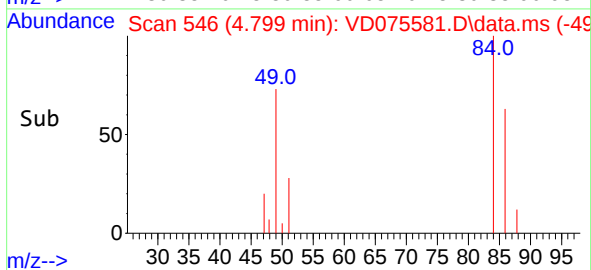
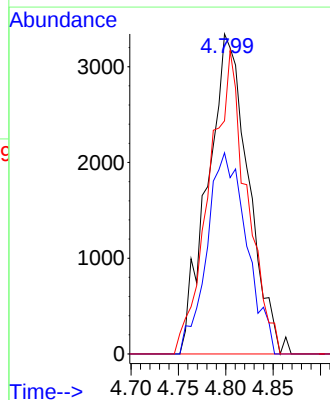
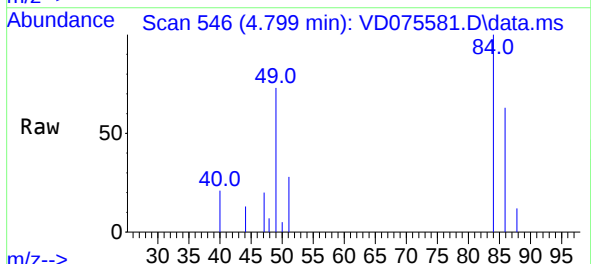
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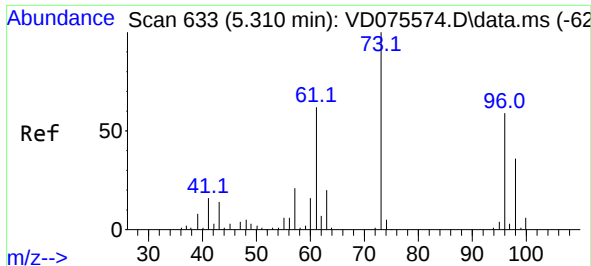
Tgt Ion: 76 Resp: 9941
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#16
Methylene chloride
Concen: 2.212 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075581.D
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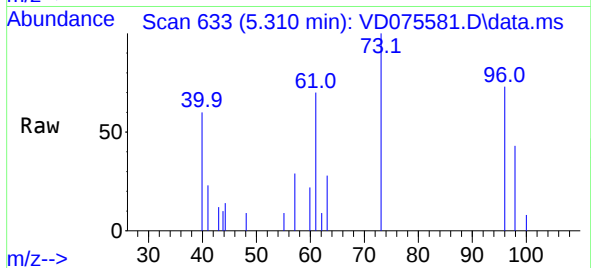
Tgt Ion: 84 Resp: 9895
Ion Ratio Lower Upper
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86 62.9 44.4 82.4
49 72.9 58.5 108.7



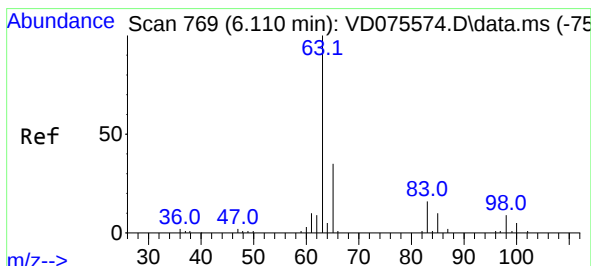
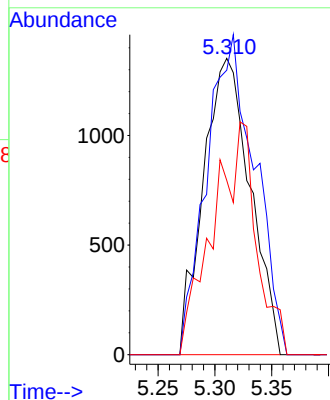
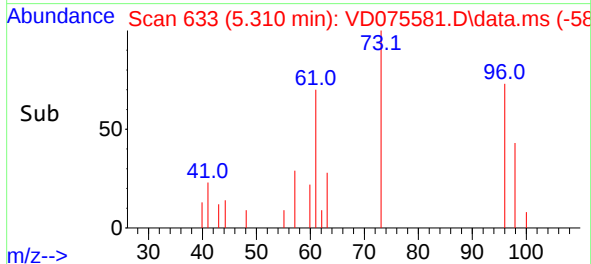


#17
trans-1,2-Dichloroethene
Concen: 1.179 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

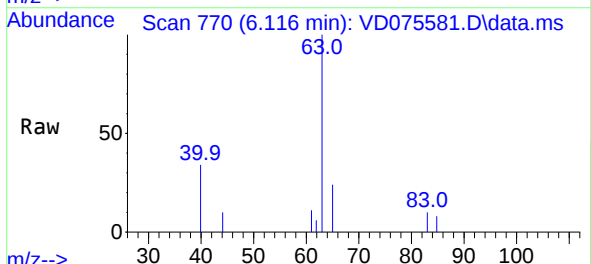
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01



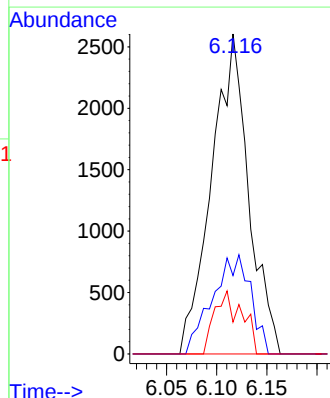
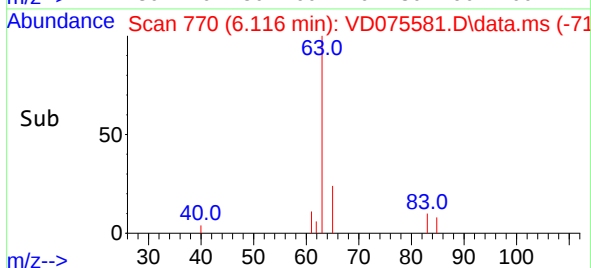
Tgt Ion: 96 Resp: 3885
Ion Ratio Lower Upper
96 100
61 96.0 75.4 140.0
98 58.8 43.8 81.3

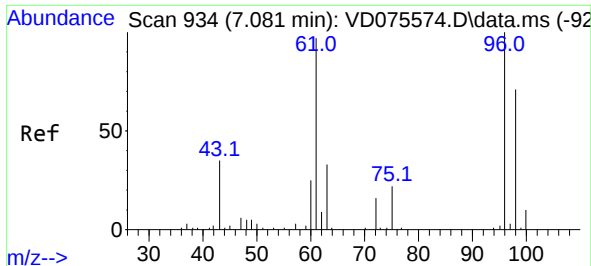


#19
1,1-Dichloroethane
Concen: 1.187 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40



Tgt Ion: 63 Resp: 6703
Ion Ratio Lower Upper
63 100
65 24.5 23.1 42.9
83 10.0 11.2 20.8#





#22

2-Butanone

Concen: 3.327 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

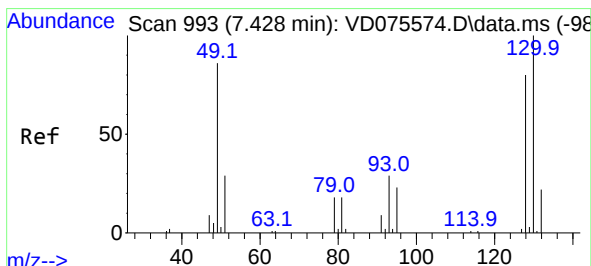
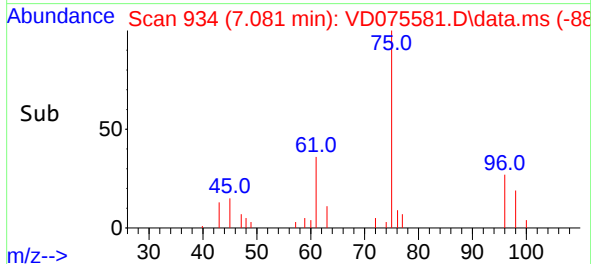
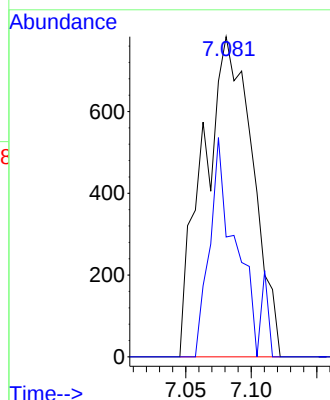
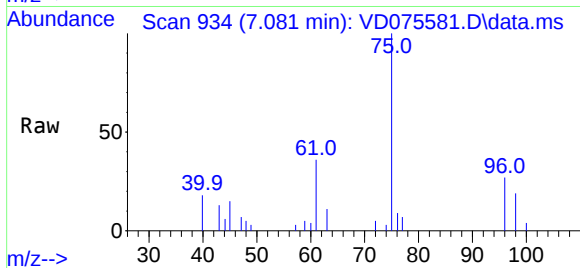
MDL-SOIL-QT1-2023-01

Tgt Ion: 43 Resp: 2051

Ion Ratio Lower Upper

43 100

72 34.9 21.3 63.9



#23

Bromochloromethane

Concen: 1.160 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Tgt Ion:128 Resp: 2117

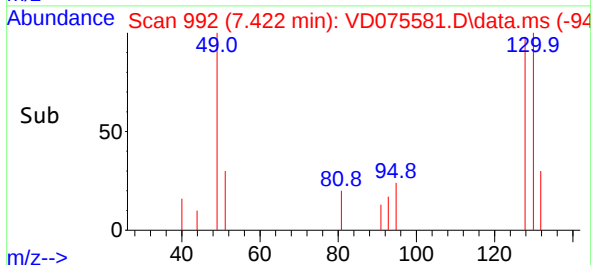
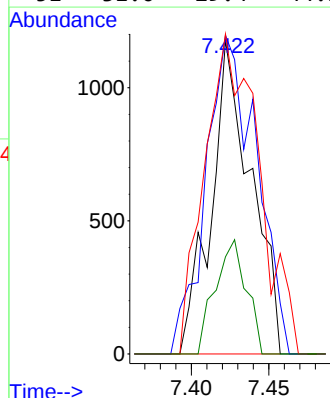
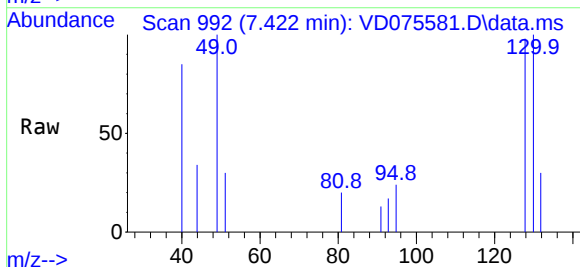
Ion Ratio Lower Upper

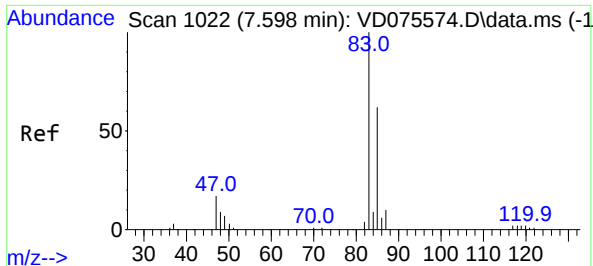
128 100

49 101.7 75.0 139.4

130 102.1 87.4 162.2

51 31.0 29.4 44.2





#25

Chloroform

Concen: 1.356 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

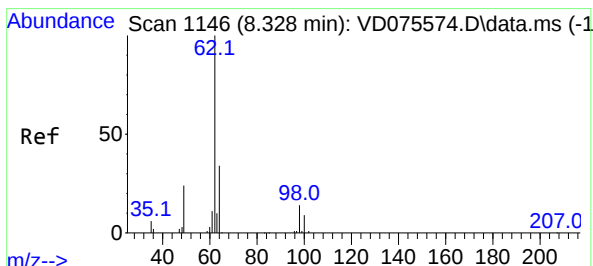
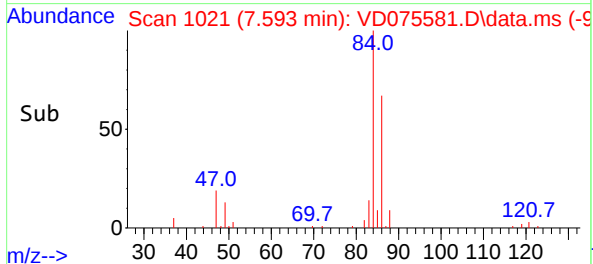
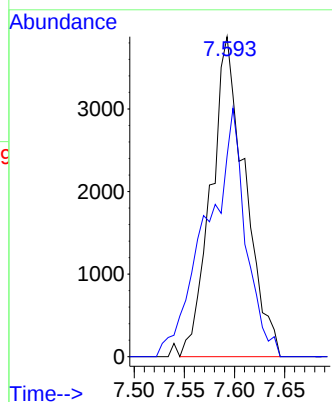
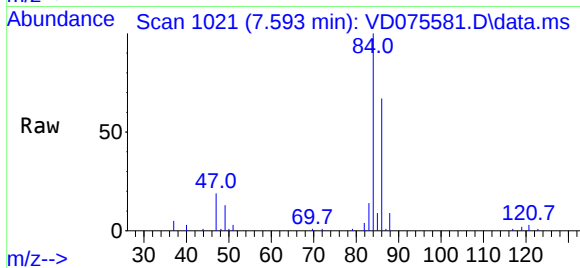
MDL-SOIL-QT1-2023-01

Tgt Ion: 83 Resp: 9173

Ion Ratio Lower Upper

83 100

85 62.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 1.195 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075581.D

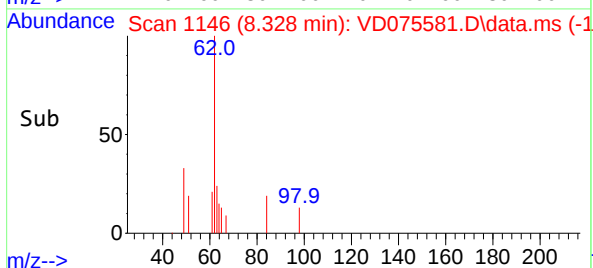
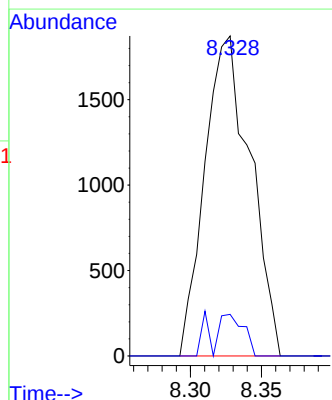
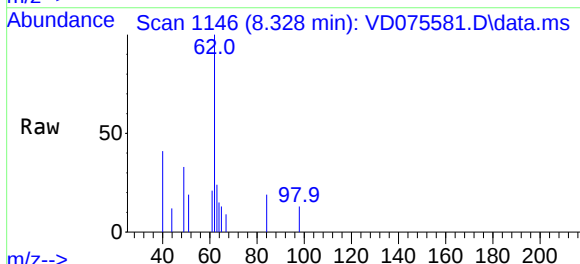
Acq: 05 Apr 2023 16:40

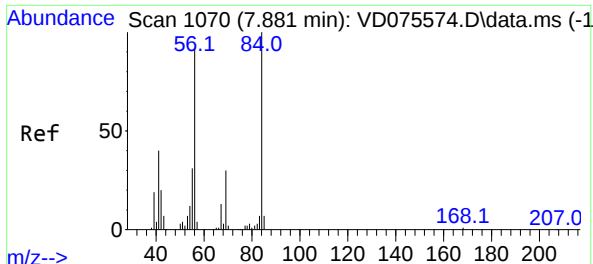
Tgt Ion: 62 Resp: 4179

Ion Ratio Lower Upper

62 100

98 13.0 10.5 15.7





#29

Cyclohexane

Concen: 0.703 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075581.D

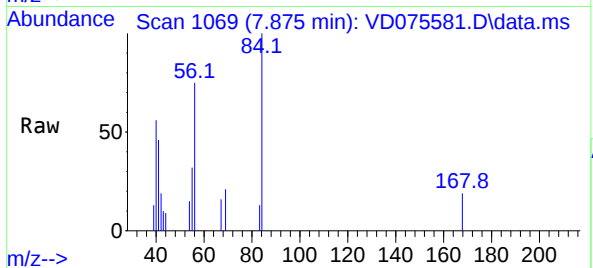
Acq: 05 Apr 2023 16:40

Instrument :

MSVOA_D

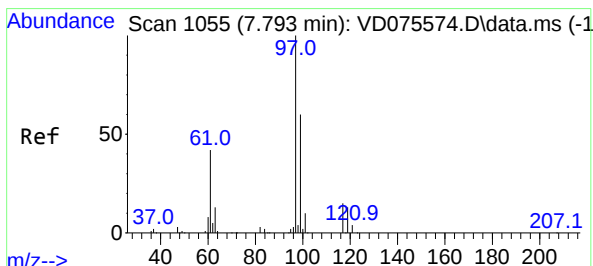
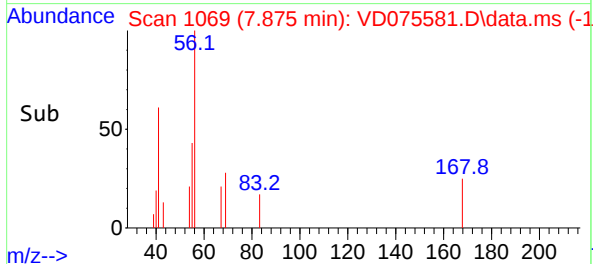
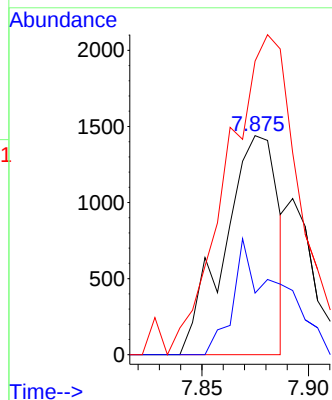
ClientSampleId :

MDL-SOIL-QT1-2023-01



Tgt Ion: 56 Resp: 2526

Ion	Ratio	Lower	Upper
56	100		
69	24.9	28.3	42.5#
84	196.8	91.1	136.7#



#30

1,1,1-Trichloroethane

Concen: 0.558 ug/L

RT: 7.787 min Scan# 1054

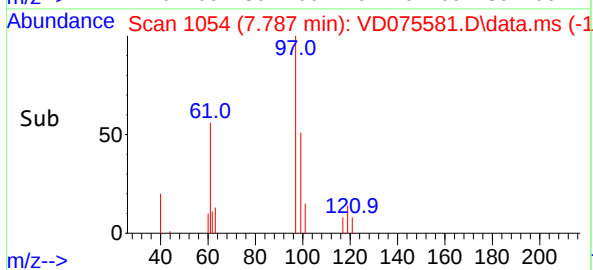
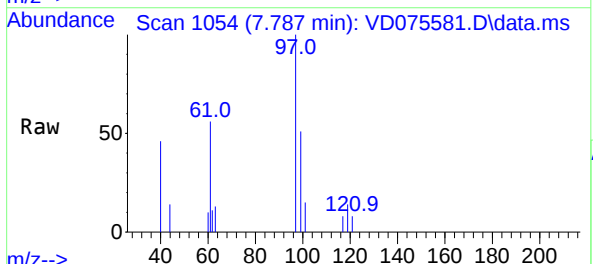
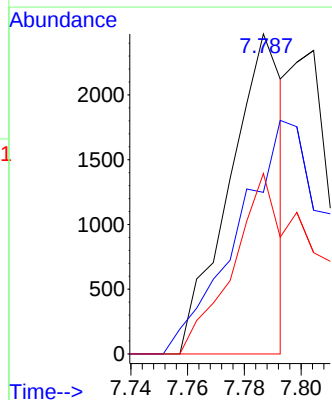
Delta R.T. -0.006 min

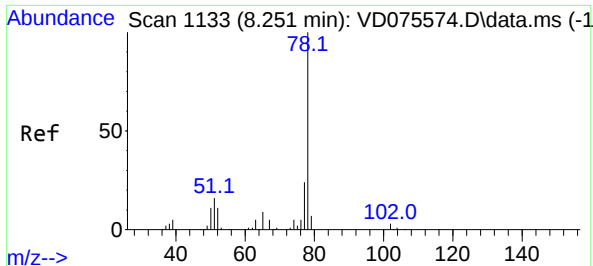
Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Tgt Ion: 97 Resp: 3236

Ion	Ratio	Lower	Upper
97	100		
99	127.8	51.4	77.2#
61	84.1	32.2	48.2#

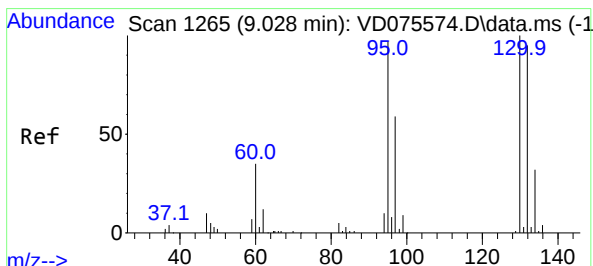
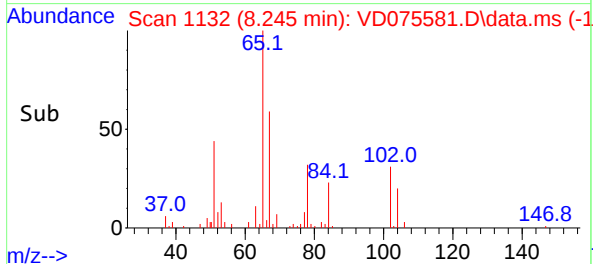
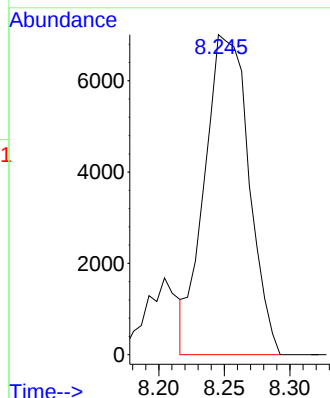
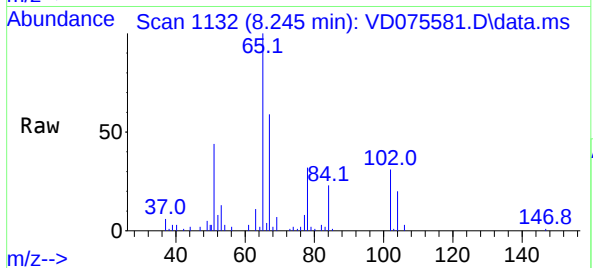




#33
Benzene
Concen: 1.087 ug/L
RT: 8.245 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT1-2023-01

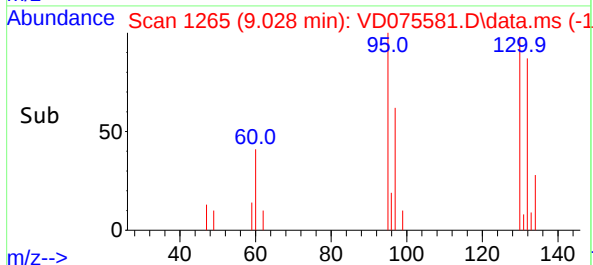
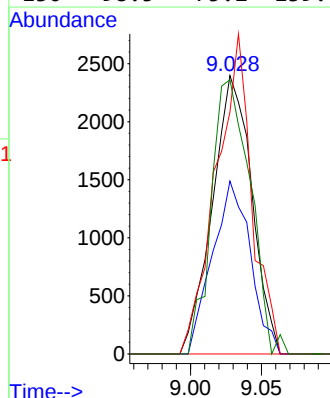
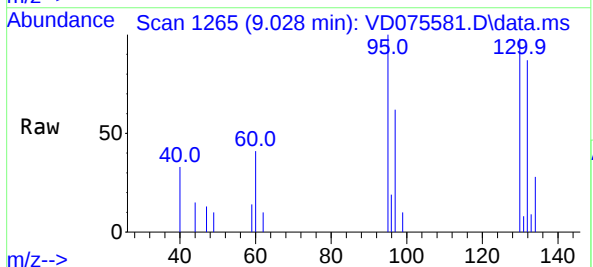
Tgt Ion: 78 Resp: 16473

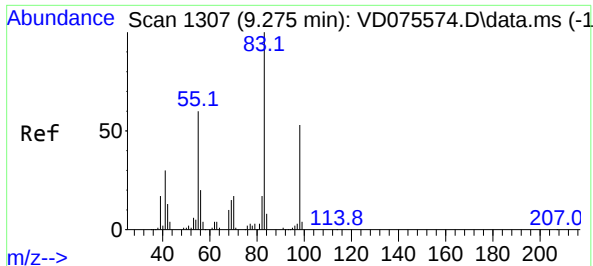


#34
Trichloroethene
Concen: 1.092 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 95 Resp: 4636

Ion	Ratio	Lower	Upper
95	100		
97	62.1	47.0	87.2
132	86.9	71.2	132.2
130	98.5	75.2	139.6





#35

Methylcyclohexane

Concen: 1.144 ug/L

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT1-2023-01

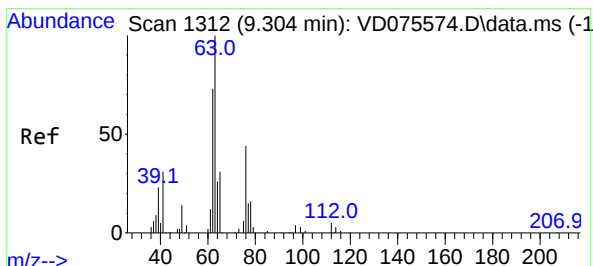
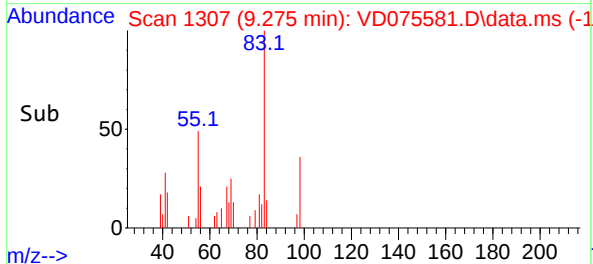
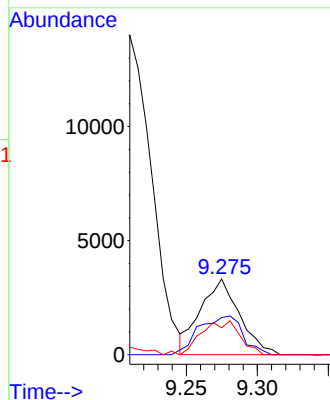
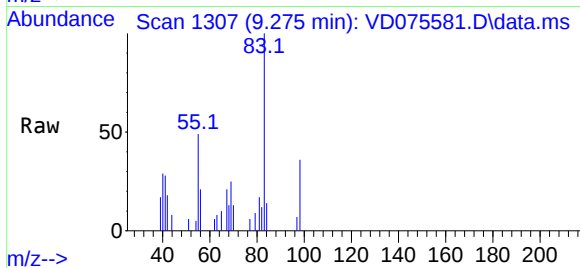
Tgt Ion: 83 Resp: 6351

Ion Ratio Lower Upper

83 100

55 39.3 46.9 70.3#

98 43.5 40.8 61.2



#37

1,2-Dichloropropane

Concen: 1.271 ug/L

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD075581.D

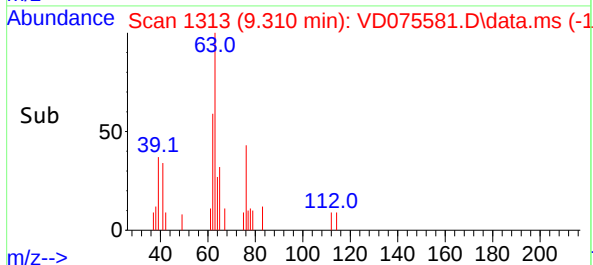
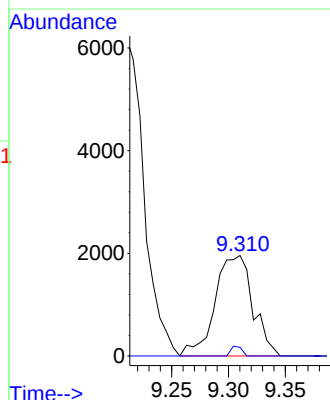
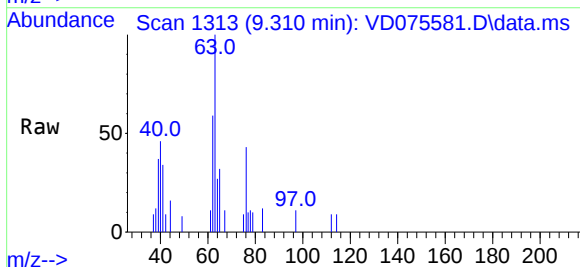
Acq: 05 Apr 2023 16:40

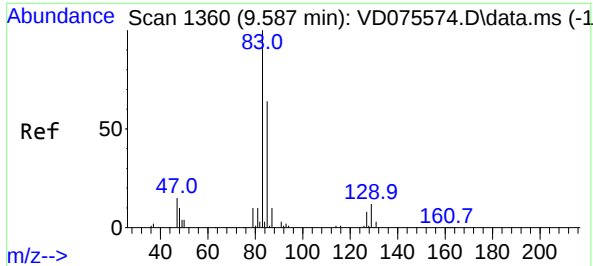
Tgt Ion: 63 Resp: 4532

Ion Ratio Lower Upper

63 100

112 2.8 4.7 7.1#





#38

Bromodichloromethane

Concen: 1.149 ug/L

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

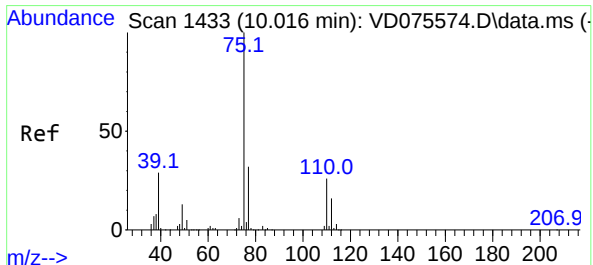
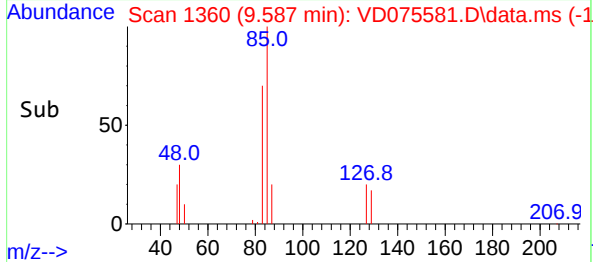
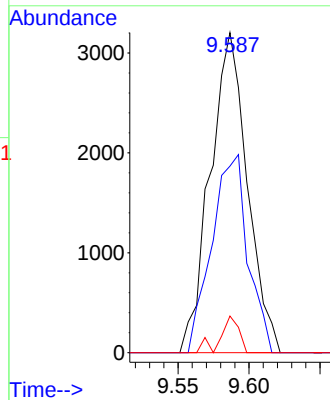
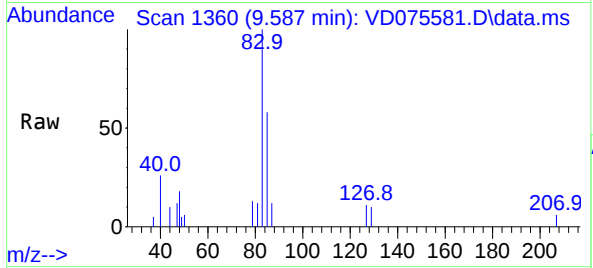
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion: 83	Resp: 5834
Ion Ratio	Lower Upper
83 100	
85 58.3	45.1 83.9
127 11.5	6.8 10.2#



#39

cis-1,3-Dichloropropene

Concen: 1.123 ug/L

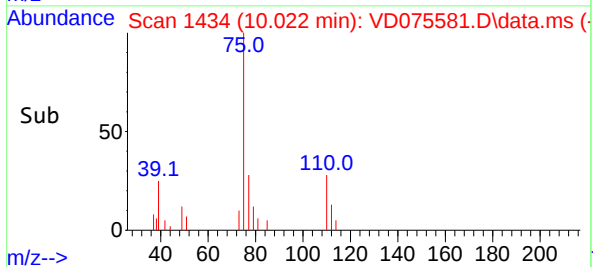
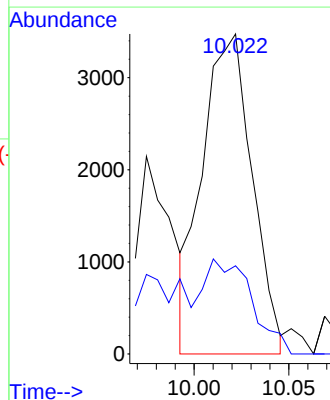
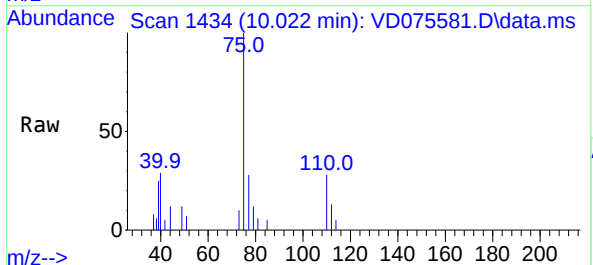
RT: 10.022 min Scan# 1434

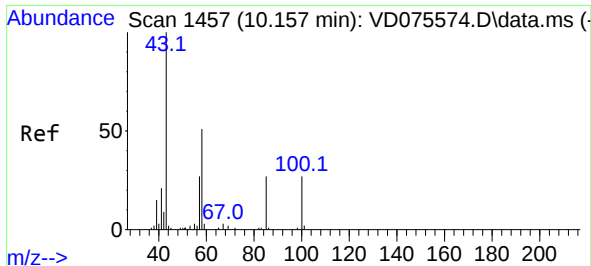
Delta R.T. 0.006 min

Lab File: VD075581.D

Acq: 05 Apr 2023 16:40

Tgt Ion: 75	Resp: 6347
Ion Ratio	Lower Upper
75 100	
77 27.6	22.5 41.7

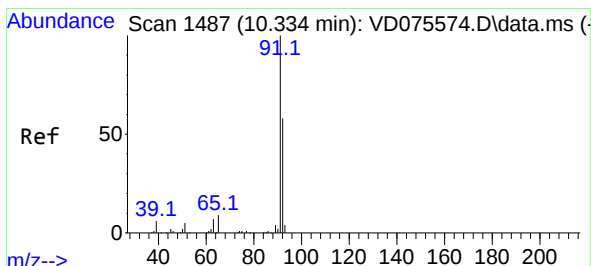
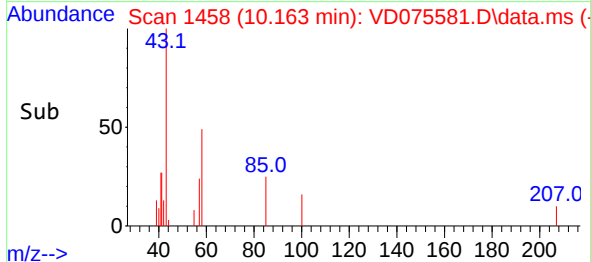
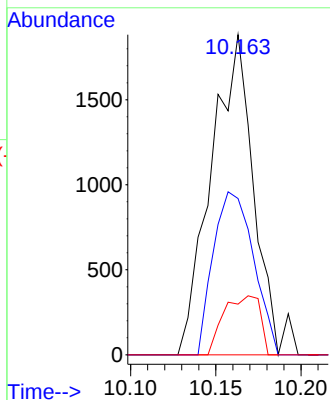
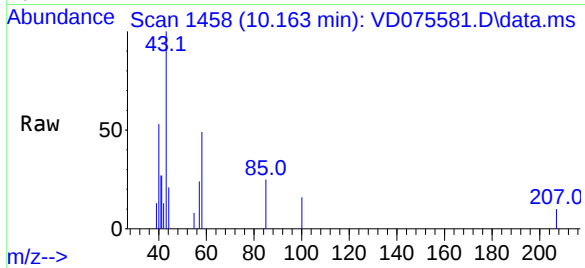




#40
4-Methyl-2-pentanone
Concen: 2.406 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

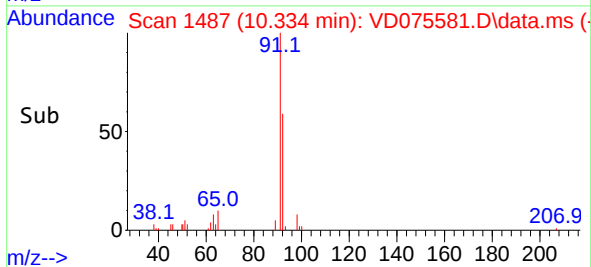
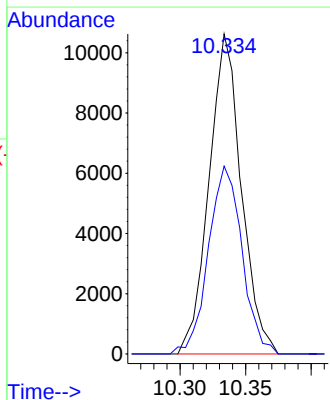
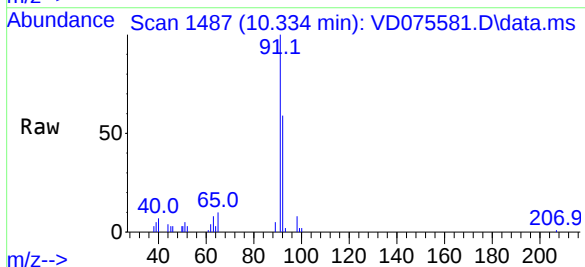
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

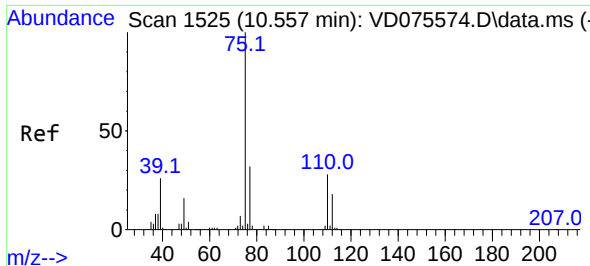
Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
58 49.1 39.4 59.0
100 16.0 20.3 30.5#



#42
Toluene
Concen: 1.081 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 91 Resp: 18203
Ion Ratio Lower Upper
91 100
92 58.7 39.1 72.7

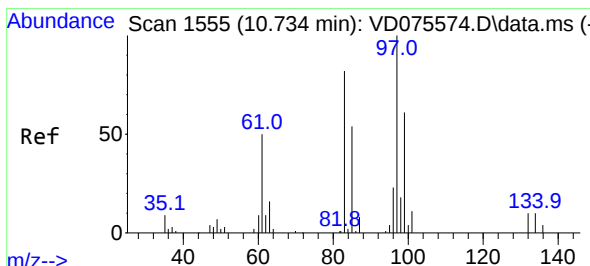
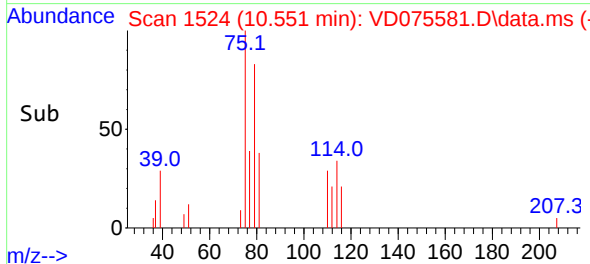
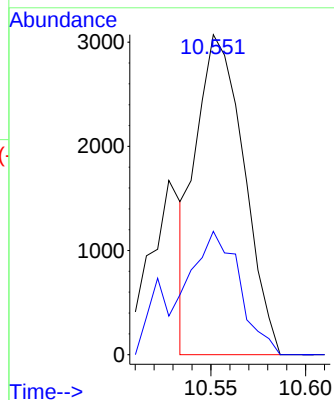
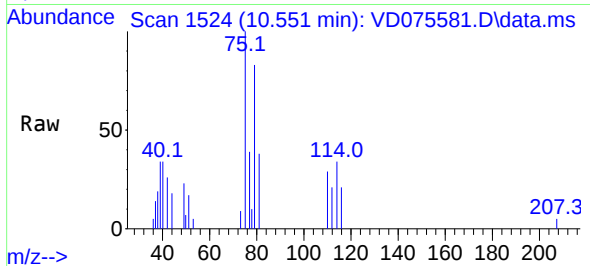




#44
trans-1,3-Dichloropropene
Concen: 1.123 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

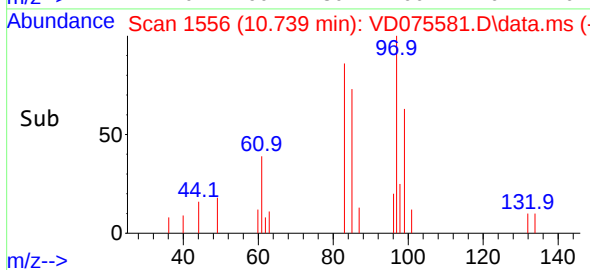
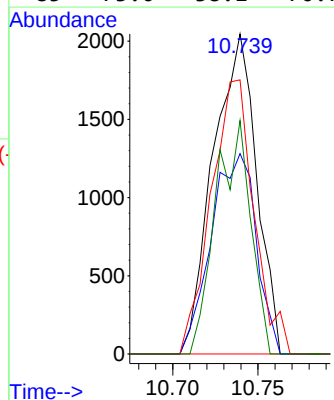
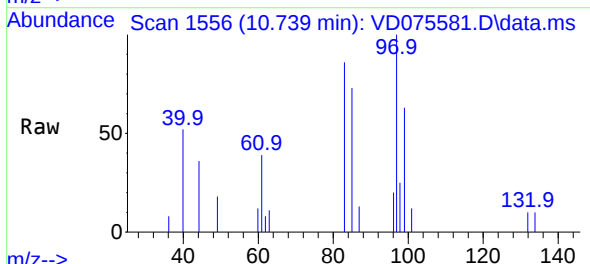
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

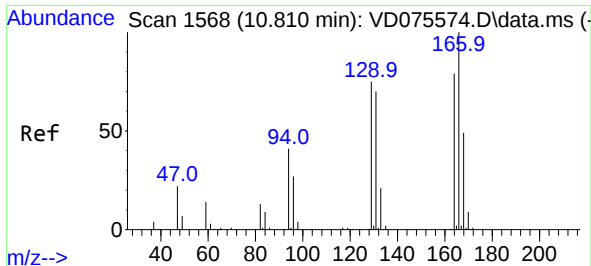
Tgt Ion: 75 Resp: 5394
Ion Ratio Lower Upper
75 100
77 38.6 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 1.106 ug/L
RT: 10.739 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 97 Resp: 3618
Ion Ratio Lower Upper
97 100
99 62.6 46.4 86.2
83 85.6 57.1 106.1
85 73.0 38.1 70.7#



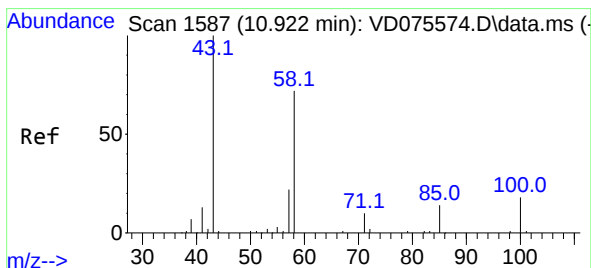
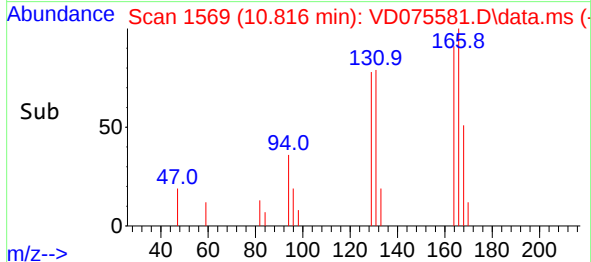
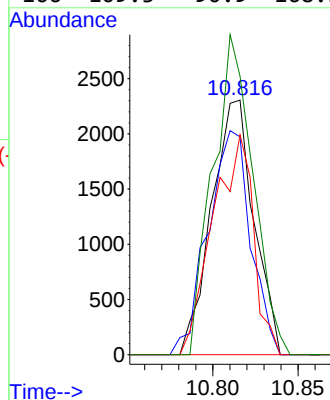
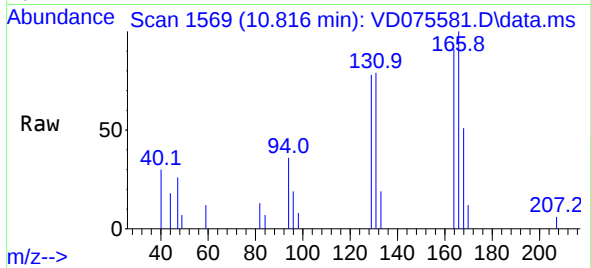


#46
Tetrachloroethene
Concen: 1.199 ug/L
RT: 10.816 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

Tgt Ion:164 Resp: 3987

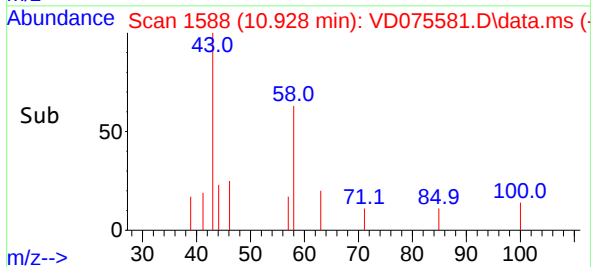
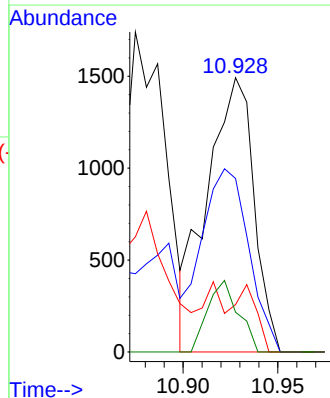
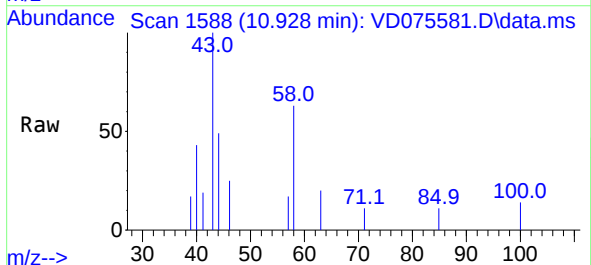
Ion	Ratio	Lower	Upper
164	100		
129	85.5	64.8	120.3
131	86.3	61.7	114.7
166	109.3	90.9	168.9

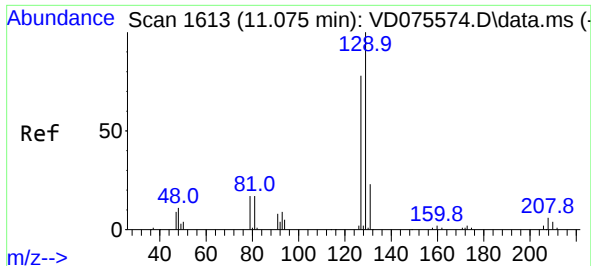


#48
2-Hexanone
Concen: 2.859 ug/L
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 43 Resp: 2574

Ion	Ratio	Lower	Upper
43	100		
58	67.4	55.8	83.6
57	11.5	18.6	27.8#
100	17.1	16.4	24.6

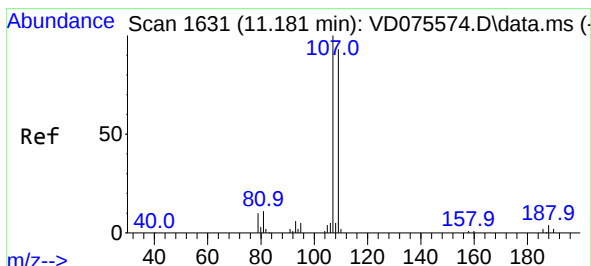
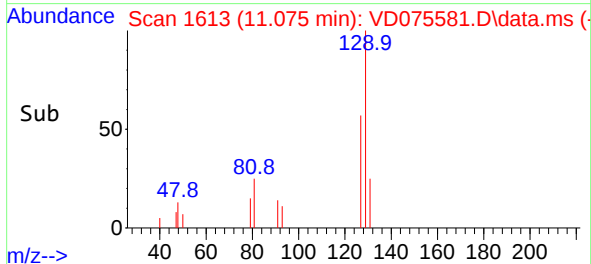
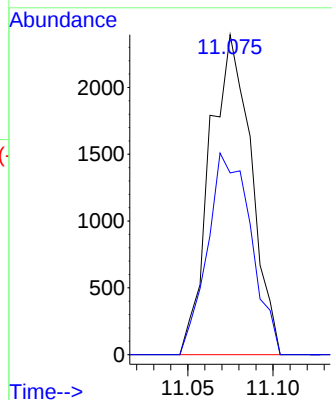
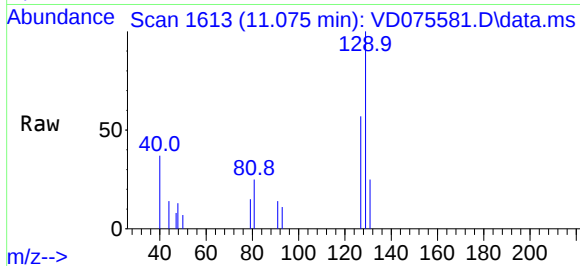




#49
Dibromochloromethane
Concen: 1.142 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

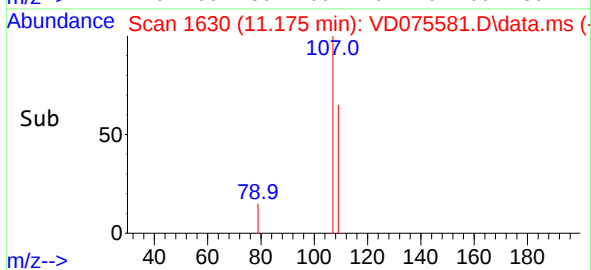
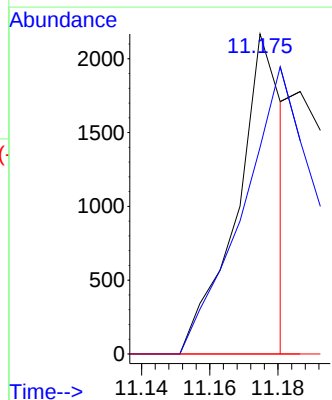
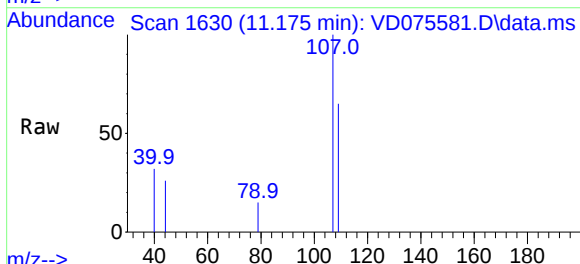
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

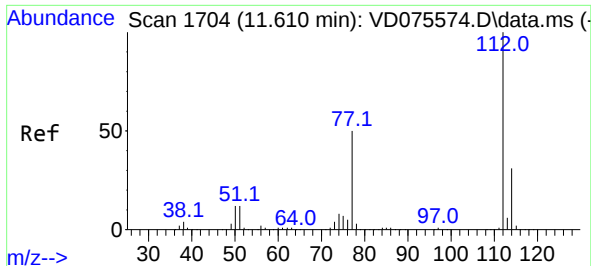
Tgt Ion:129 Resp: 4044
Ion Ratio Lower Upper
129 100
127 56.8 54.5 101.1



#50
1,2-Dibromoethane
Concen: 0.712 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:107 Resp: 2042
Ion Ratio Lower Upper
107 100
109 64.6 64.8 120.3#
188 0.0 3.4 5.0#

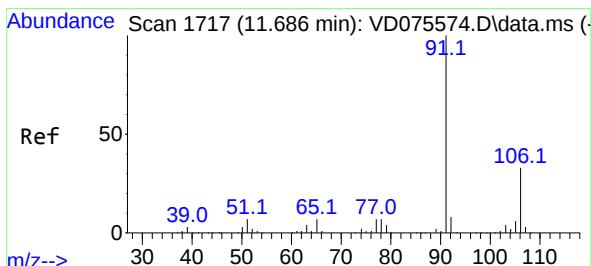
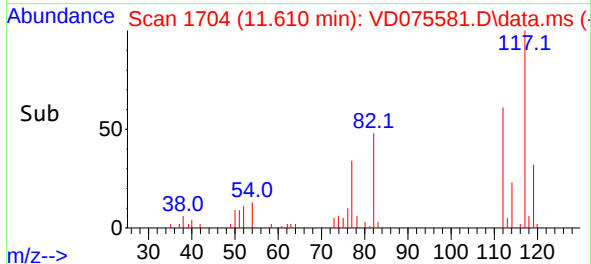
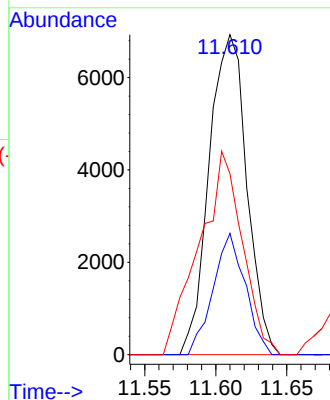
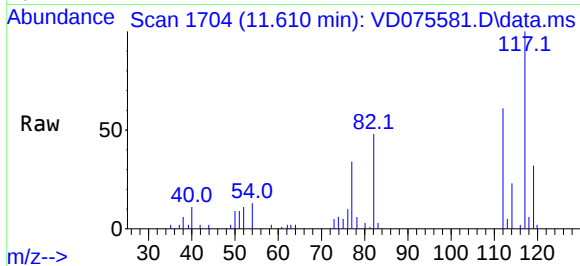




#51
Chlorobenzene
Concen: 1.128 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

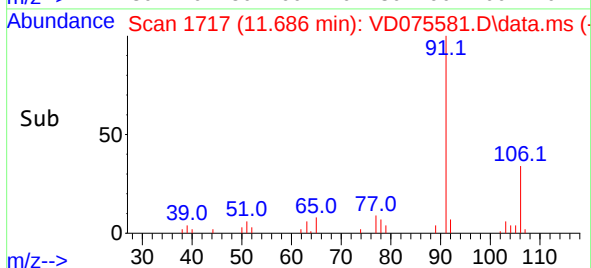
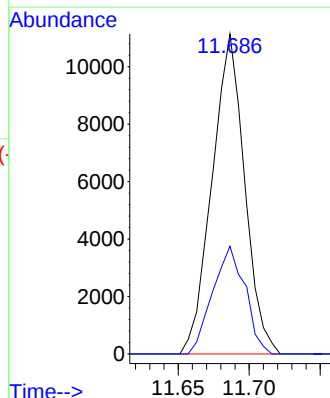
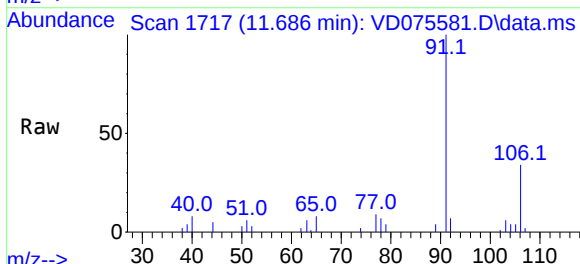
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

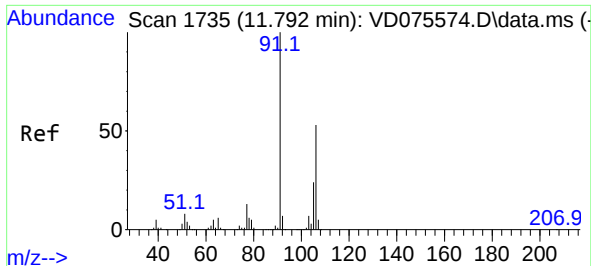
Tgt Ion:112 Resp: 12787
Ion Ratio Lower Upper
112 100
114 37.9 21.1 39.1
77 56.6 37.8 56.6



#52
Ethylbenzene
Concen: 1.002 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 91 Resp: 17734
Ion Ratio Lower Upper
91 100
106 33.7 23.2 43.2

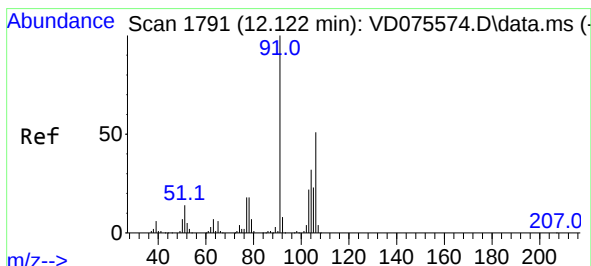
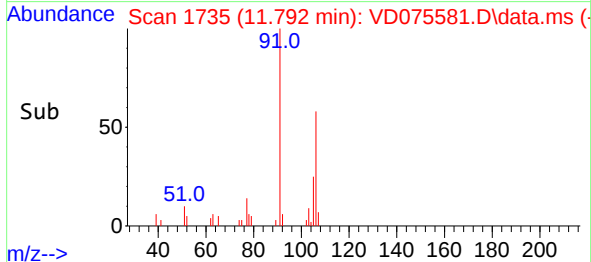
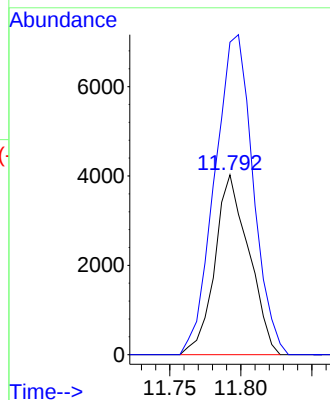
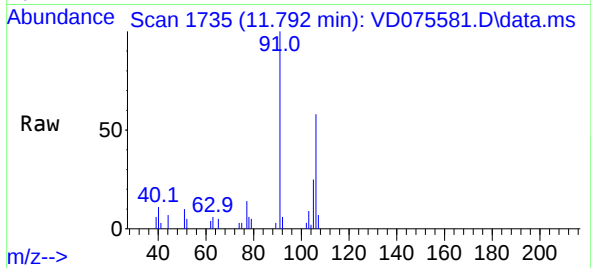




#53
m,p-Xylene
Concen: 0.967 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

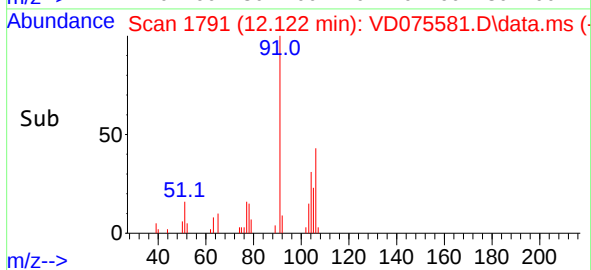
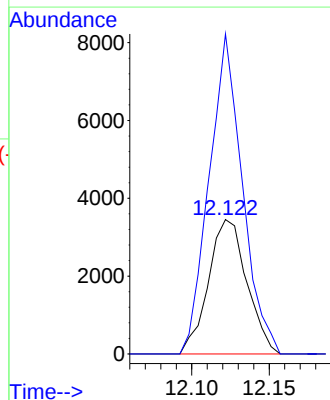
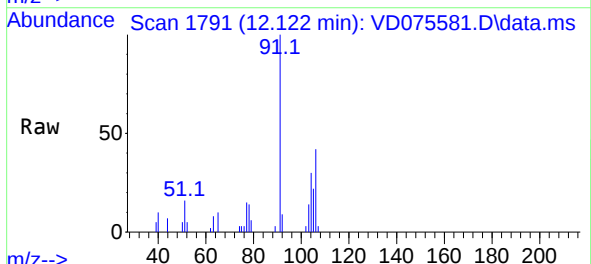
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

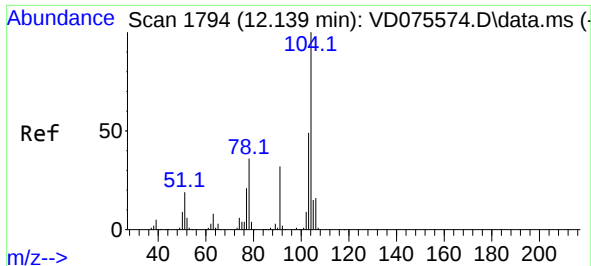
Tgt Ion:106 Resp: 6714
Ion Ratio Lower Upper
106 100
91 173.7 126.7 235.3



#54
o-Xylene
Concen: 0.900 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:106 Resp: 5949
Ion Ratio Lower Upper
106 100
91 238.2 138.3 256.9

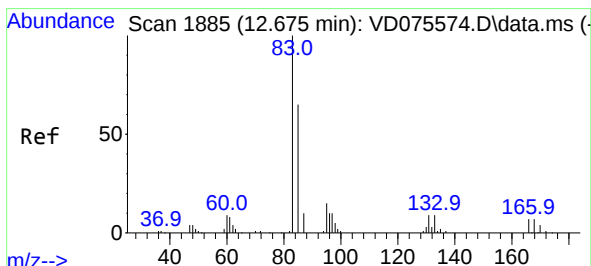
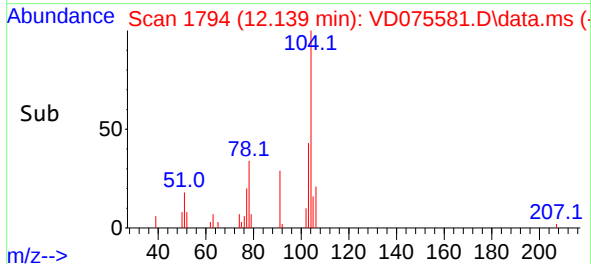
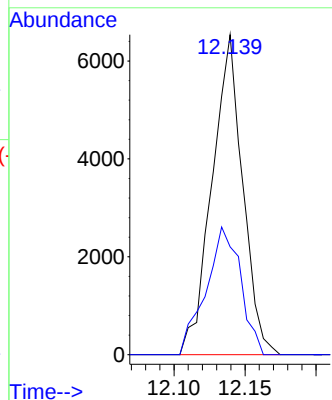
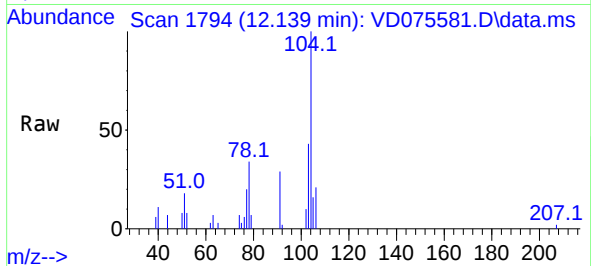




#55
Styrene
Concen: 0.834 ug/L
RT: 12.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

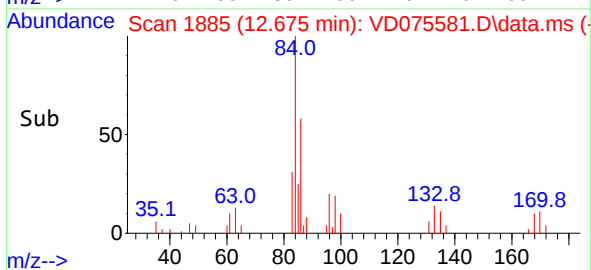
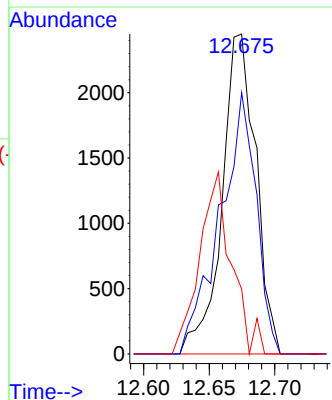
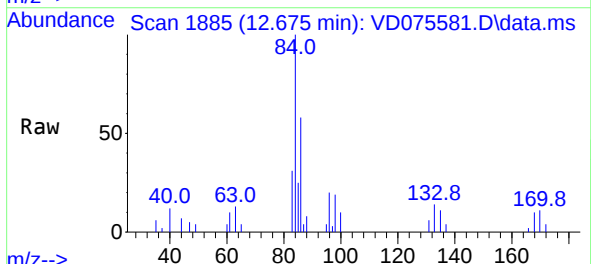
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

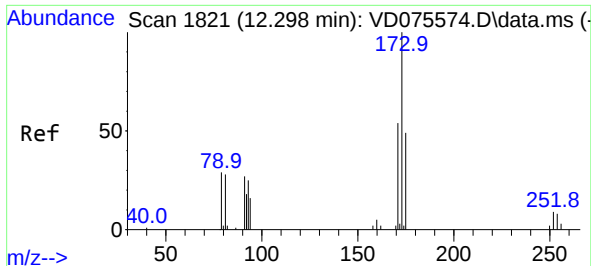
Tgt Ion:104 Resp: 9819
Ion Ratio Lower Upper
104 100
78 33.7 25.8 47.8



#57
1,1,2,2-Tetrachloroethane
Concen: 1.299 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion: 83 Resp: 4384
Ion Ratio Lower Upper
83 100
85 81.6 48.7 90.5
131 20.2 9.3 13.9#

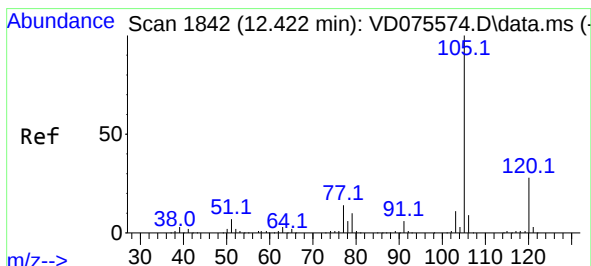
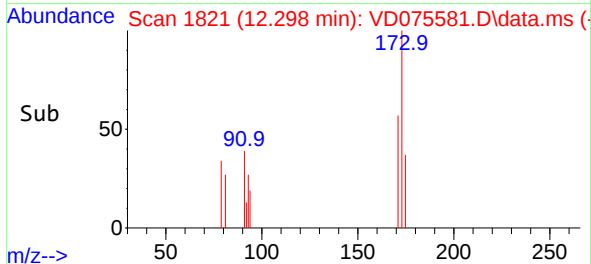
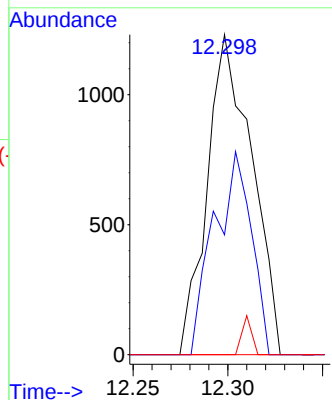
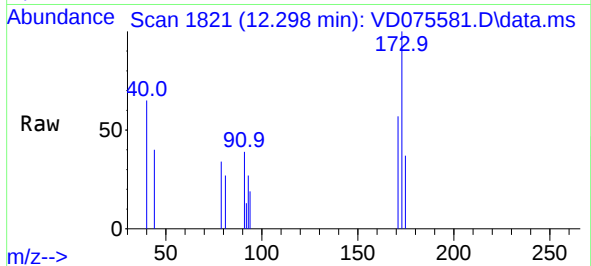




#59
Bromoform
Concen: 0.836 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

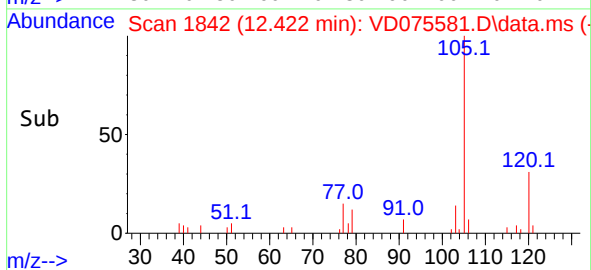
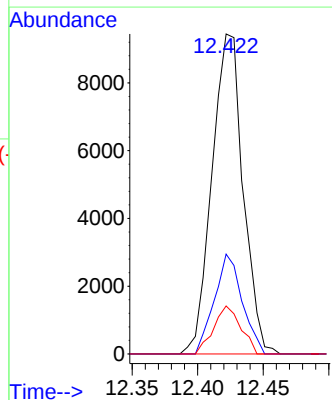
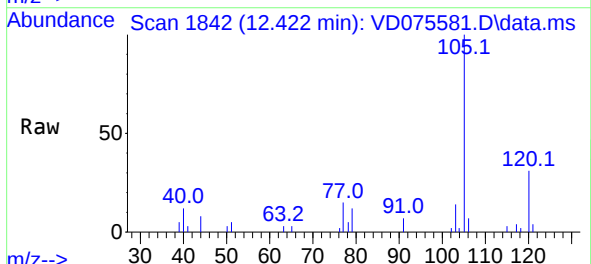
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT1-2023-01

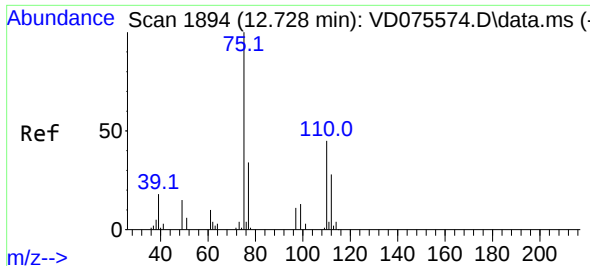
Tgt Ion:	173	Resp:	2016
Ion	Ratio	Lower	Upper
173	100		
175	53.0	38.7	58.1
254	0.0	7.7	11.5#



#60
Isopropylbenzene
Concen: 0.758 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:	105	Resp:	15605
Ion	Ratio	Lower	Upper
105	100		
120	27.9	22.5	33.7
77	13.0	10.7	16.1

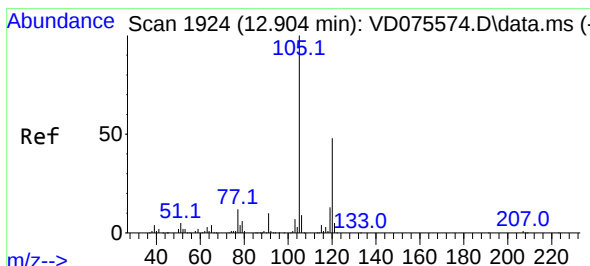
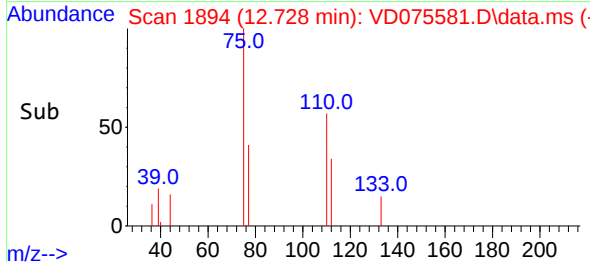
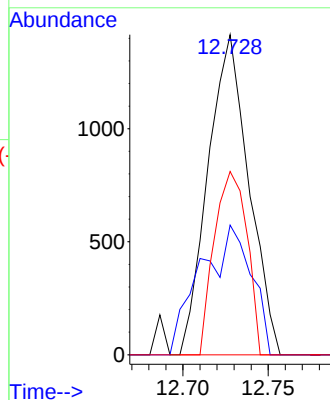
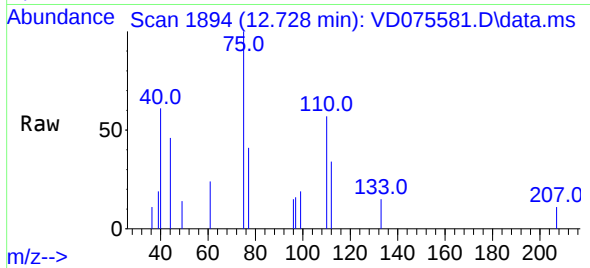




#61
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

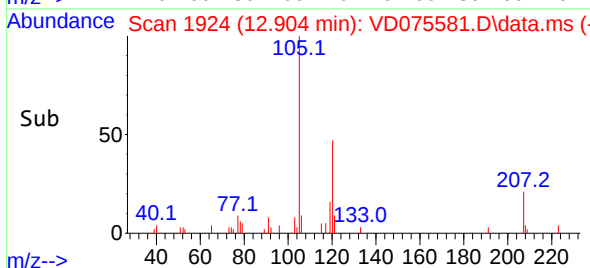
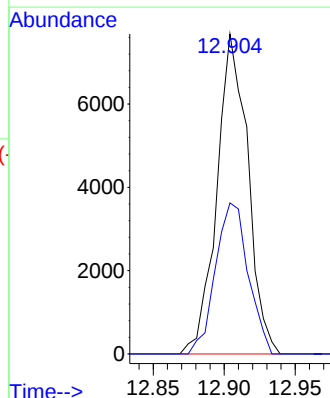
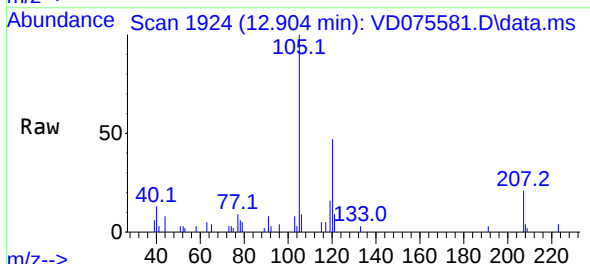
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

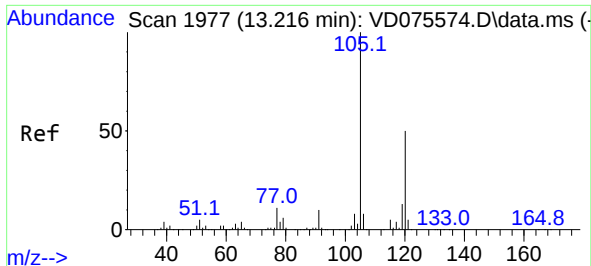
Tgt Ion: 75	Resp:	2357	
Ion	Ratio	Lower	Upper
75	100		
77	25.7	25.7	38.5
110	45.8	35.9	53.9



#62
1,3,5-Trimethylbenzene
Concen: 0.751 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:105	Resp:	11666	
Ion	Ratio	Lower	Upper
105	100		
120	49.9	41.1	61.7

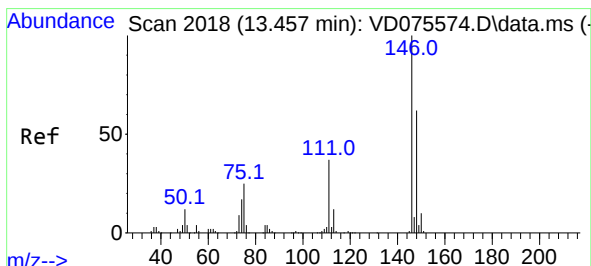
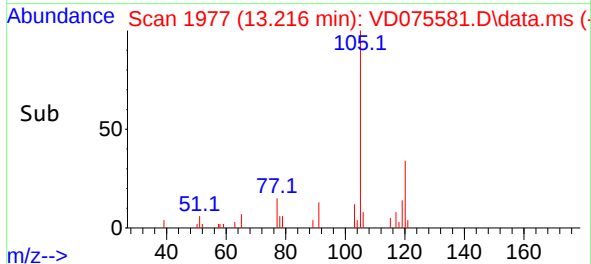
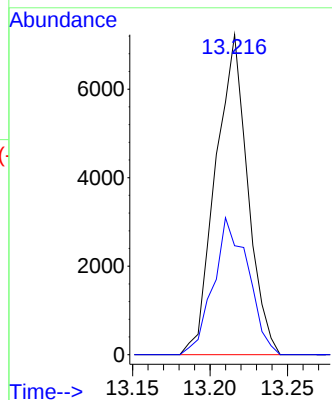
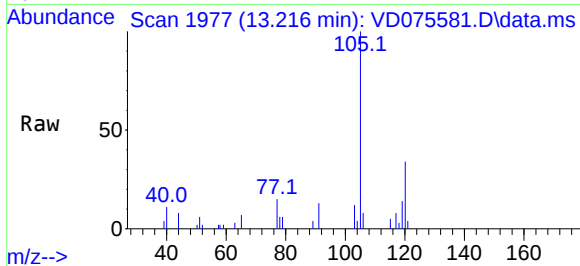




#63
1,2,4-Trimethylbenzene
Concen: 0.702 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

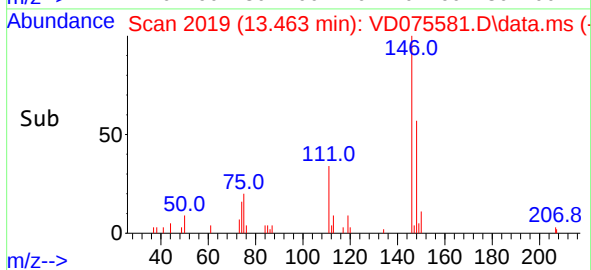
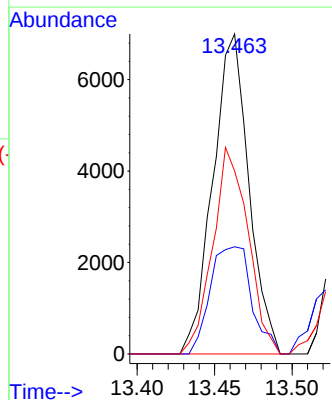
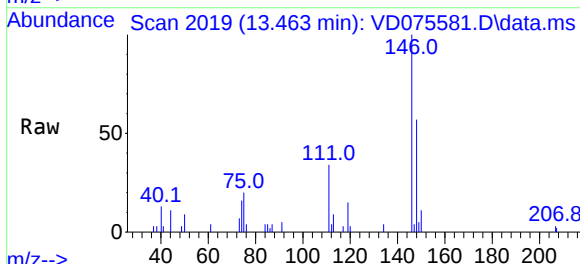
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

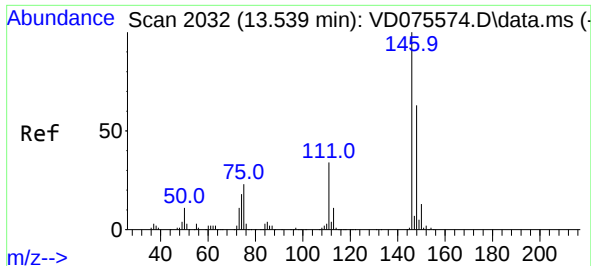
Tgt Ion:105 Resp: 10425
Ion Ratio Lower Upper
105 100
120 46.3 39.0 58.4



#64
1,3-Dichlorobenzene
Concen: 1.212 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:146 Resp: 11294
Ion Ratio Lower Upper
146 100
111 33.5 26.2 48.8
148 57.2 44.6 82.8

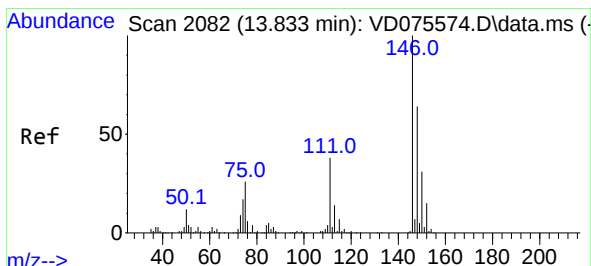
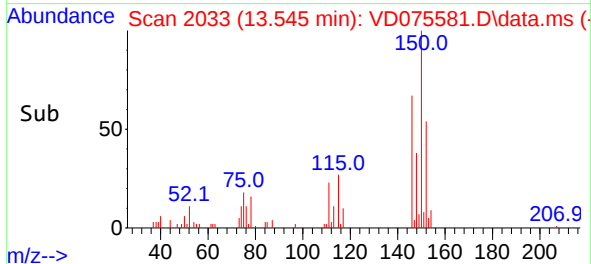
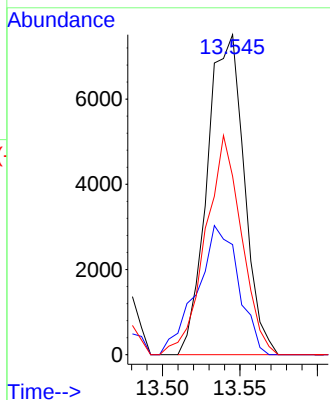
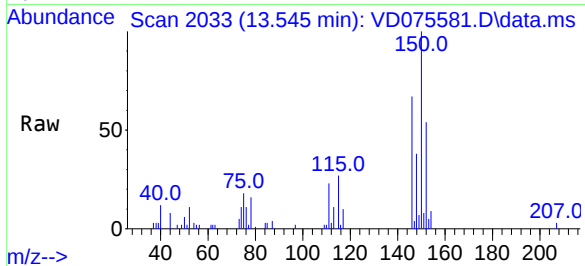




#65
1,4-Dichlorobenzene
Concen: 1.278 ug/L
RT: 13.545 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

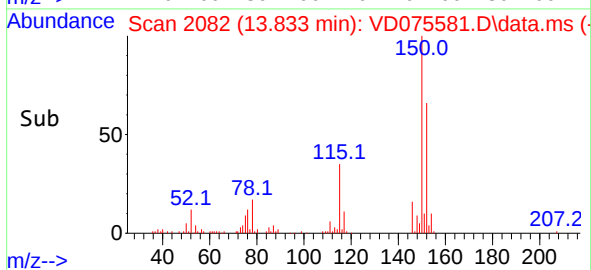
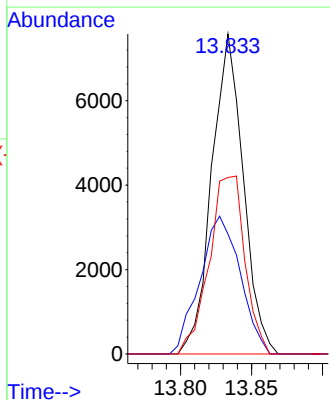
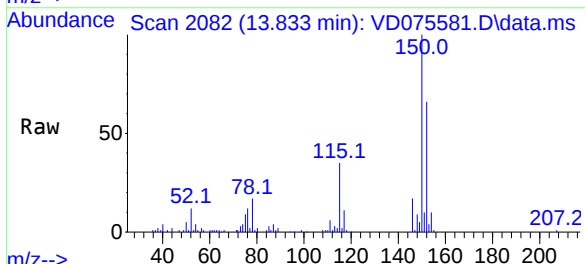
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

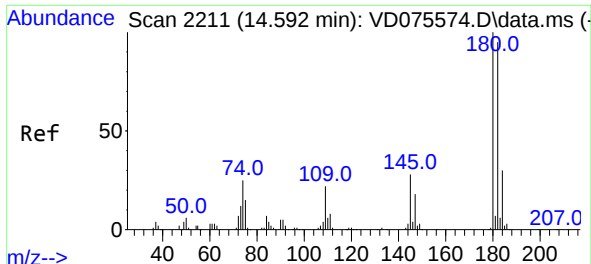
Tgt Ion:	146	Resp:	12431
Ion	Ratio	Lower	Upper
146	100		
111	34.4	26.0	48.4
148	55.8	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 1.386 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:	146	Resp:	11705
Ion	Ratio	Lower	Upper
146	100		
111	37.4	31.3	46.9
148	55.2	52.8	79.2

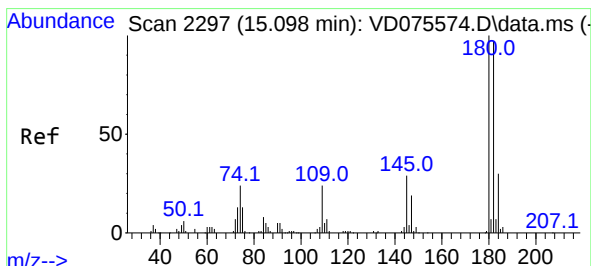
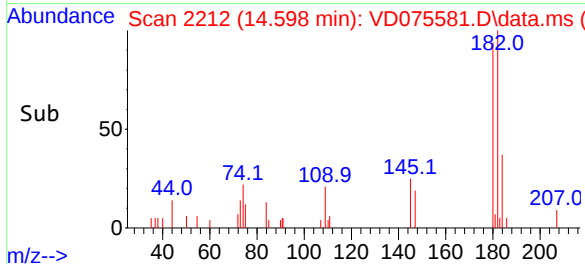
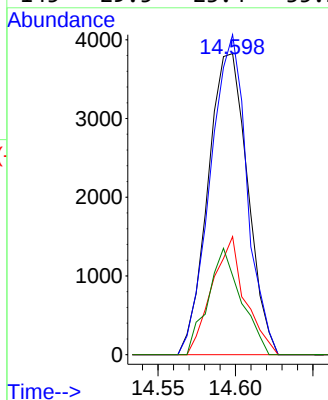
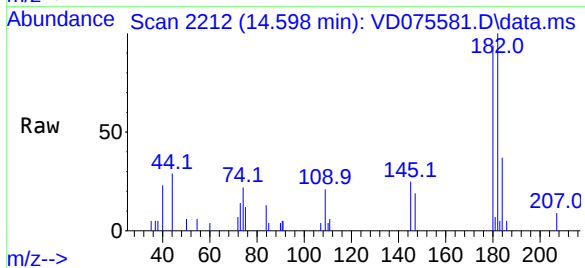




#69
 1,3,5-Trichlorobenzene
 Concen: 1.184 ug/L
 RT: 14.598 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VD075581.D
 Acq: 05 Apr 2023 16:40

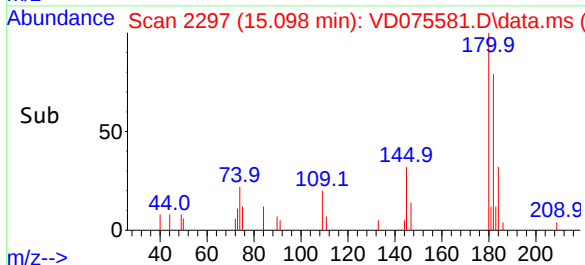
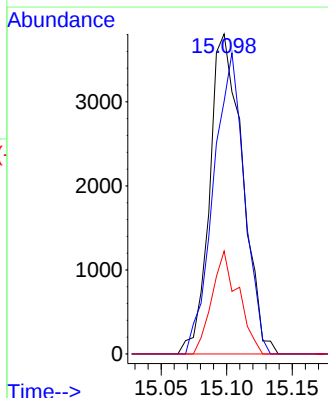
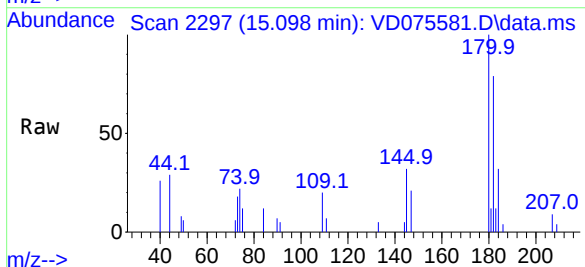
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT1-2023-01

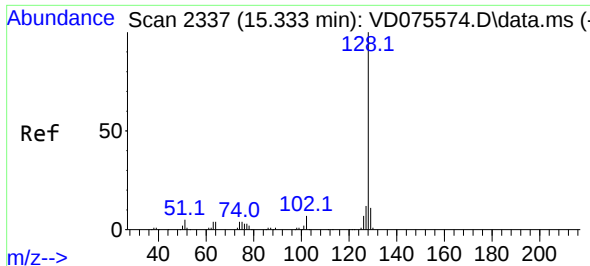
Tgt Ion:	180	Resp:	6806
Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.9	115.3
184	32.7	24.6	36.8
145	29.5	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 1.426 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075581.D
 Acq: 05 Apr 2023 16:40

Tgt Ion:	180	Resp:	6635
Ion	Ratio	Lower	Upper
180	100		
182	88.8	74.2	111.2
145	25.9	22.9	34.3

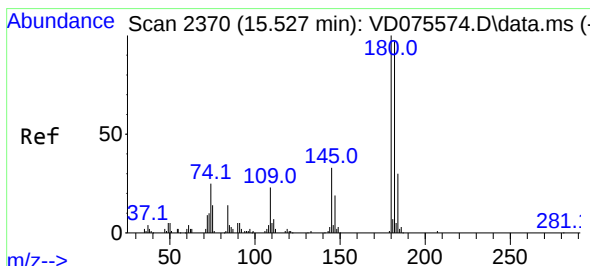
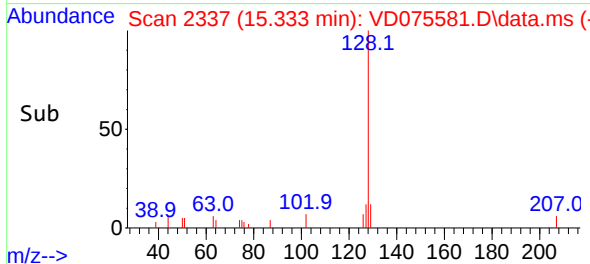
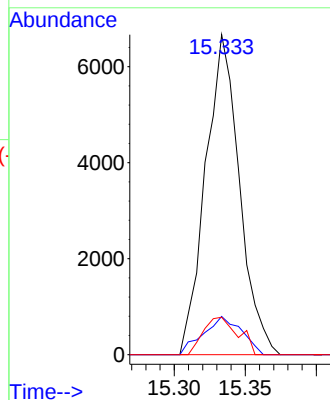
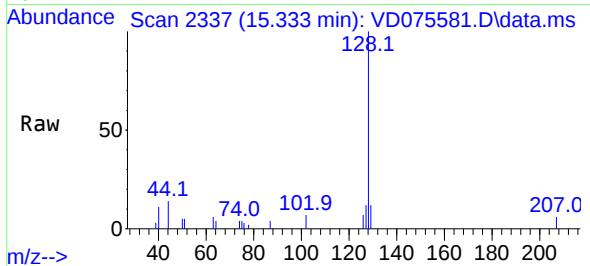




#71
Naphthalene
Concen: 1.289 ug/L
RT: 15.333 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT1-2023-01

Tgt Ion:	128	Resp:	11088
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.4	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.485 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075581.D
Acq: 05 Apr 2023 16:40

Tgt Ion:	180	Resp:	6191
Ion	Ratio	Lower	Upper
180	100		
182	90.4	75.4	113.0
145	26.7	25.2	37.8

