

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033557.D
 Acq On : 23 Dec 2022 12:02
 Operator : JC/MD
 Sample : N4519-06
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

Quant Time: Dec 24 01:04:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	205231	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182488	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86546	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	40984	37.540	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.080%		
7) Chloroethane-d5	1.672	69	41794	48.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.900%		
11) 1,1-Dichloroethene-d2	2.306	63	62946	36.113	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.220%		
21) 2-Butanone-d5	4.458	46	66366	83.686	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.690%		
24) Chloroform-d	5.056	84	128292	47.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
26) 1,2-Dichloroethane-d4	5.958	65	86628	51.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.240%		
32) Benzene-d6	5.976	84	243514	46.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	7.305	67	73082	47.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.000%		
41) Toluene-d8	8.647	98	230967	45.661	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.320%		
43) trans-1,3-Dichloroprop...	8.951	79	33518	45.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.060%		
47) 2-Hexanone-d5	9.384	63	64570	103.445	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.440%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101116	48.431	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.860%		
66) 1,2-Dichlorobenzene-d4	12.323	152	86227	48.029	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1036	2.091	ug/L	90
3) Chloromethane	1.294	50	1287	2.069	ug/L	95
5) Vinyl chloride	1.374	62	1370	1.667	ug/L #	19
6) Bromomethane	1.617	94	998	2.041	ug/L #	60
8) Chloroethane	1.691	64	1347	2.464	ug/L	98
9) Trichlorofluoromethane	1.892	101	3138	2.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2628	3.037	ug/L #	73
12) 1,1-Dichloroethene	2.319	96	2199	2.826	ug/L #	1
13) Acetone	2.392	43	2148	4.217	ug/L	95
14) Carbon disulfide	2.514	76	4014	1.695	ug/L	97
15) Methyl Acetate	2.709	43	1780	1.748	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	1677	1.455	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	5780	1.582	ug/L #	94
19) 1,1-Dichloroethane	3.611	63	3226	1.613	ug/L #	95
20) cis-1,2-Dichloroethene	4.501	96	2189m	1.620	ug/L	
22) 2-Butanone	4.574	43	3424	4.081	ug/L	76
23) Bromochloromethane	4.897	128	1592m	2.202	ug/L	
27) 1,2-Dichloroethane	6.092	62	4244	2.393	ug/L #	91
29) Cyclohexane	5.470	56	3315	1.859	ug/L #	80

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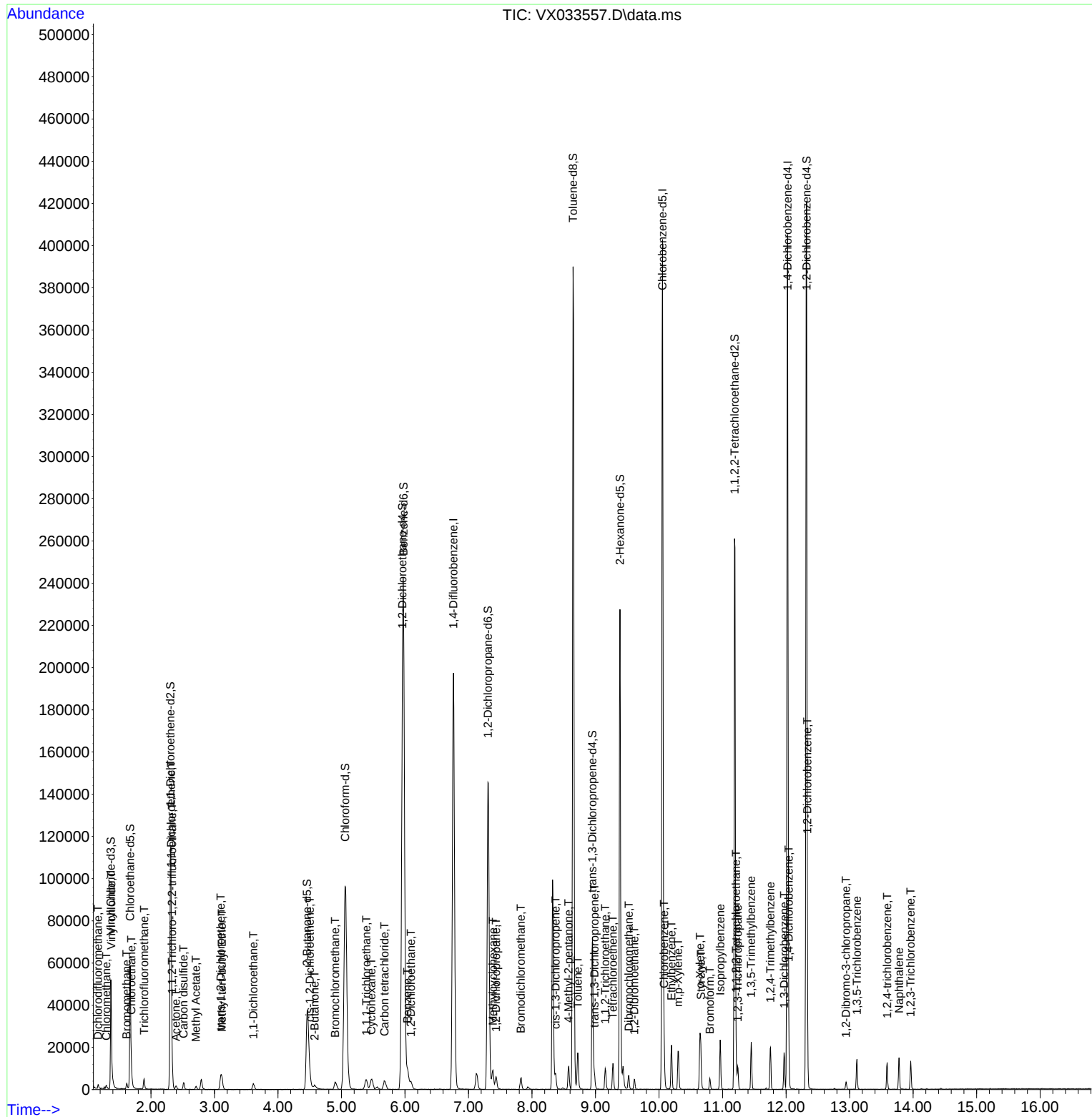
30) 1,1,1-Trichloroethane	5.391	97	4514m	2.127	ug/L	
31) Carbon tetrachloride	5.678	117	4095	2.174	ug/L #	58
33) Benzene	6.037	78	10212m	2.106	ug/L	
35) Methylcyclohexane	7.385	83	4215	2.127	ug/L	99
37) 1,2-Dichloropropane	7.433	63	2687	2.247	ug/L #	85
38) Bromodichloromethane	7.824	83	3541	2.006	ug/L	91
39) cis-1,3-Dichloropropene	8.372	75	3897	2.005	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	6643	4.485	ug/L	98
42) Toluene	8.720	91	11645	2.124	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	3733	2.046	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	2922	2.257	ug/L	89
46) Tetrachloroethene	9.275	164	2389	2.093	ug/L	96
49) Dibromochloromethane	9.525	129	3221	2.131	ug/L	90
50) 1,2-Dibromoethane	9.610	107	2994	2.142	ug/L #	90
51) Chlorobenzene	10.079	112	7835	2.154	ug/L	97
52) Ethylbenzene	10.195	91	12202	2.032	ug/L	96
53) m,p-Xylene	10.299	106	4817	2.011	ug/L	98
54) o-Xylene	10.646	106	4477	1.911	ug/L	99
55) Styrene	10.659	104	7444	1.886	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	4773	2.521	ug/L #	91
59) Bromoform	10.799	173	2064	2.048	ug/L	99
60) Isopropylbenzene	10.963	105	11985	2.094	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	3517	2.580	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	9870	2.030	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	9396	1.966	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	5990	2.292	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	5836	2.207	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	5947	2.305	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	821m	2.240	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	3566	2.039	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3110	1.963	ug/L	95
71) Naphthalene	13.780	128	9922	1.917	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	3163	2.001	ug/L	92

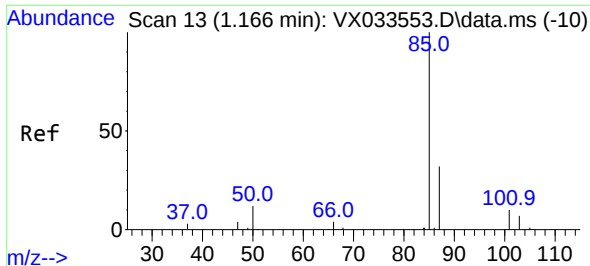
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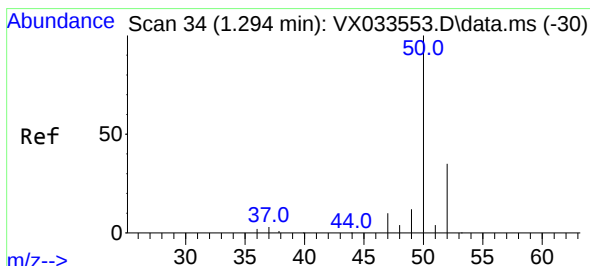
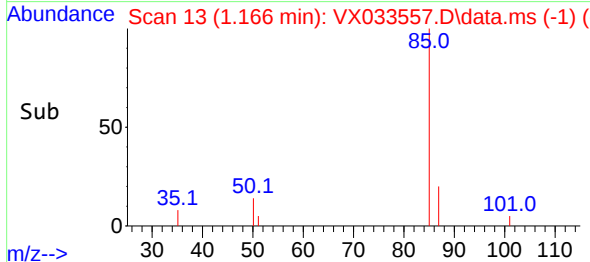
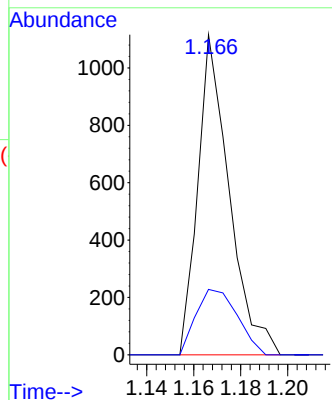
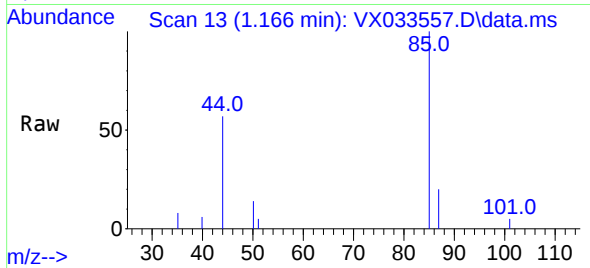




#2
Dichlorodifluoromethane
Concen: 2.091 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

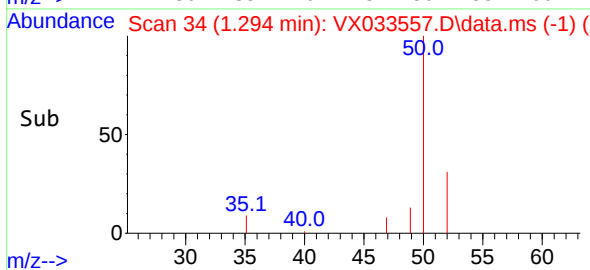
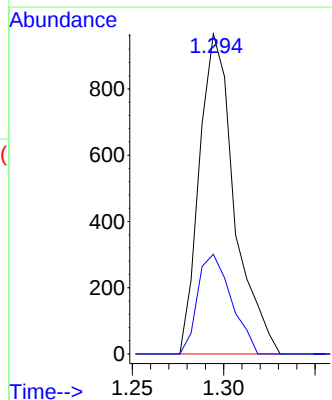
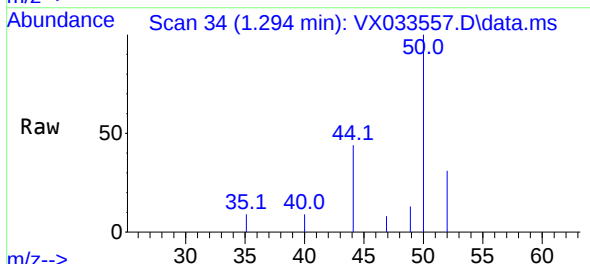
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

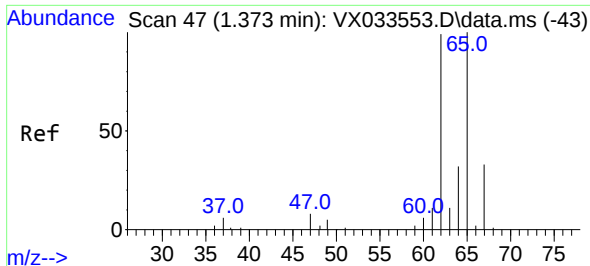
Tgt Ion: 85 Resp: 1036
Ion Ratio Lower Upper
85 100
87 26.9 26.1 39.1



#3
Chloromethane
Concen: 2.069 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 50 Resp: 1287
Ion Ratio Lower Upper
50 100
52 31.2 23.7 43.9

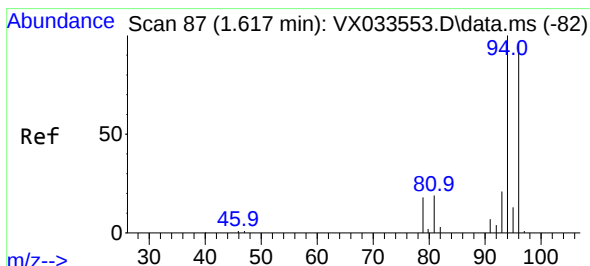
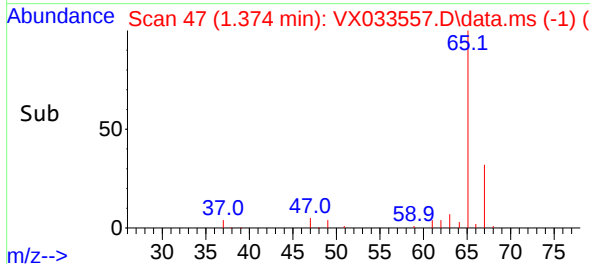
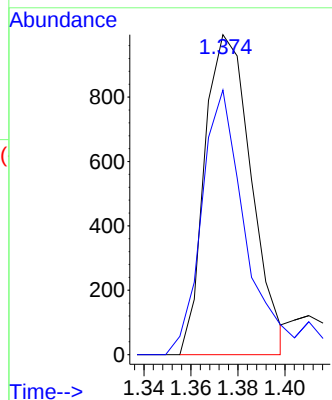
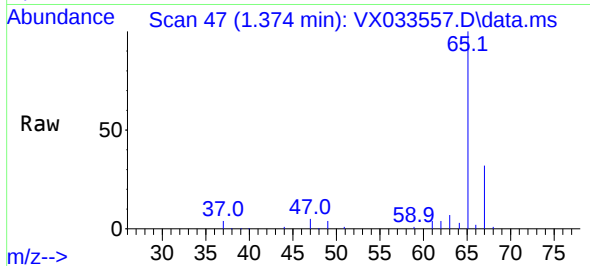




#5
 Vinyl chloride
 Concen: 1.667 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033557.D
 Acq: 23 Dec 2022 12:02

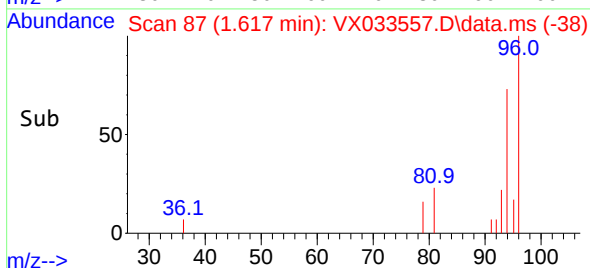
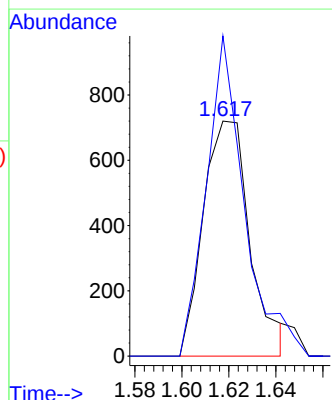
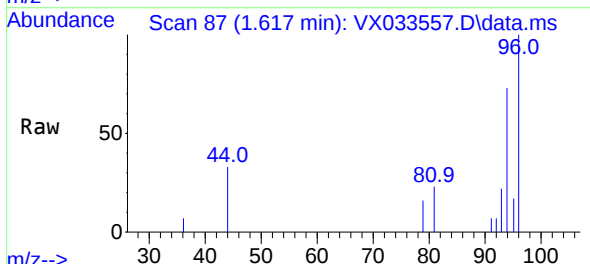
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 62 Resp: 1370
 Ion Ratio Lower Upper
 62 100
 64 82.7 24.8 46.1#

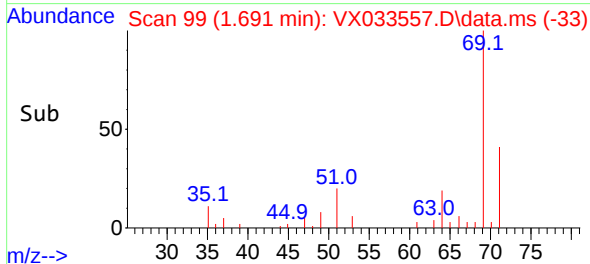
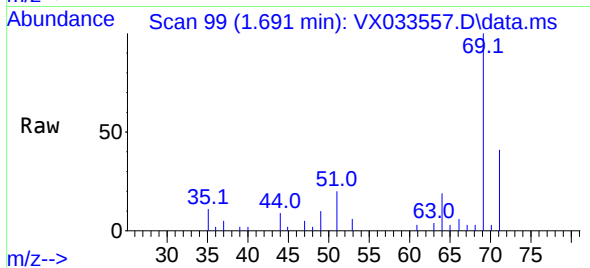
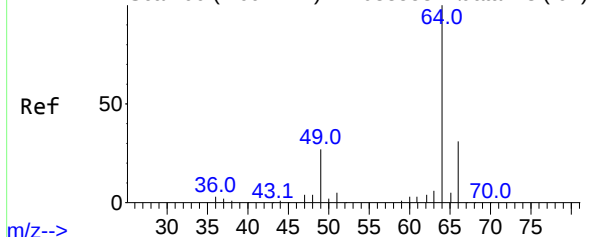


#6
 Bromomethane
 Concen: 2.041 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033557.D
 Acq: 23 Dec 2022 12:02

Tgt Ion: 94 Resp: 998
 Ion Ratio Lower Upper
 94 100
 96 136.2 68.0 126.2#



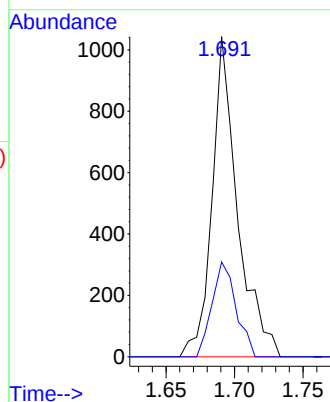
Abundance Scan 99 (1.691 min): VX033553.D\data.ms (-94)



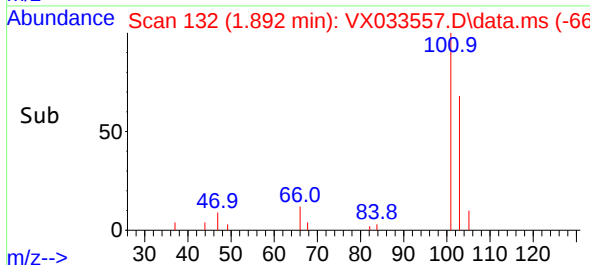
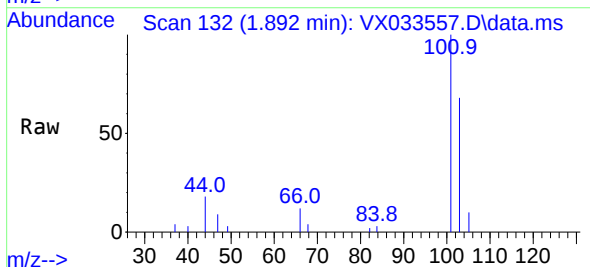
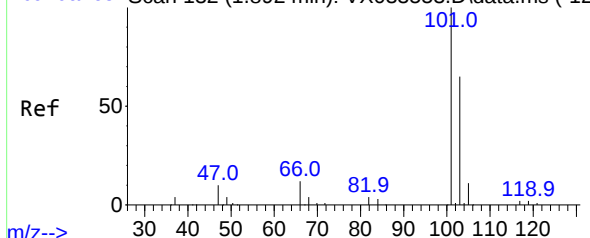
#8
Chloroethane
Concen: 2.464 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 64 Resp: 1347
Ion Ratio Lower Upper
64 100
66 29.6 21.3 39.6

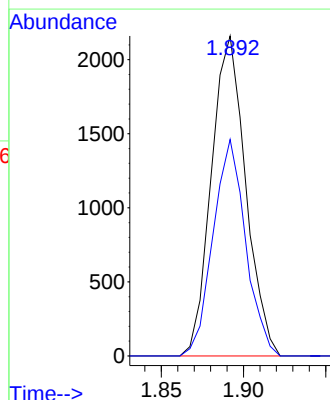


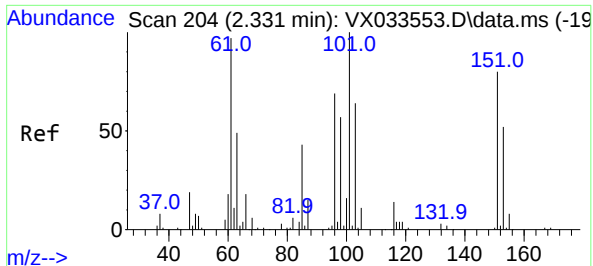
Abundance Scan 132 (1.892 min): VX033553.D\data.ms (-12)



#9
Trichlorofluoromethane
Concen: 2.307 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 101 Resp: 3138
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

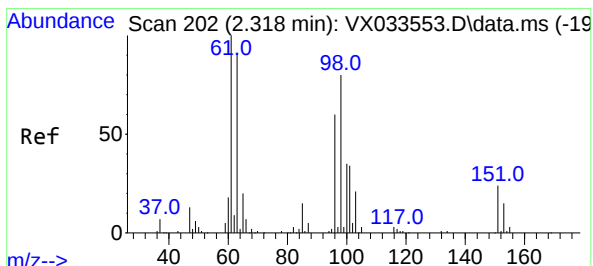
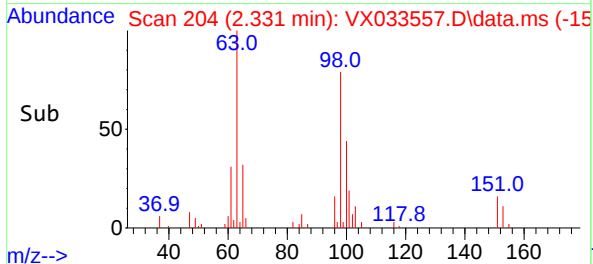
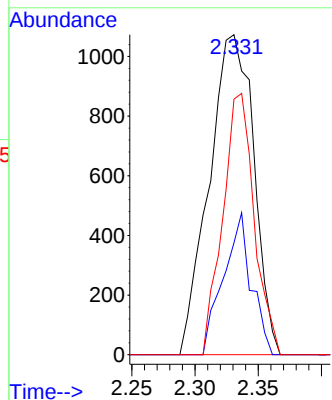
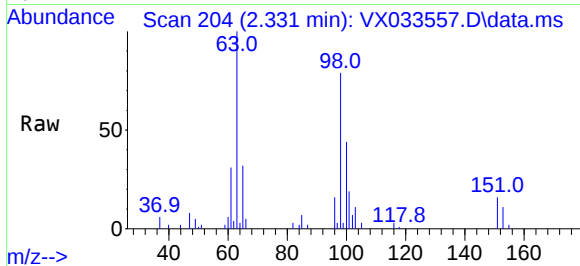




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.037 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

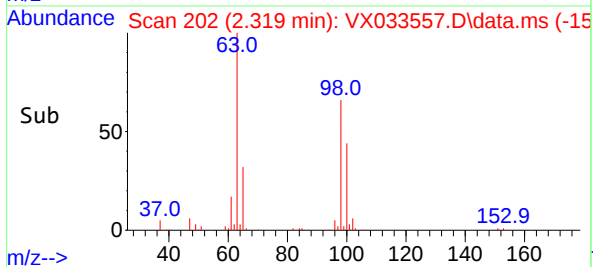
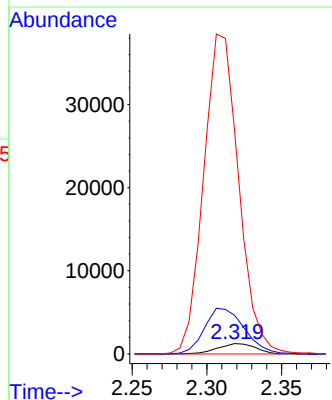
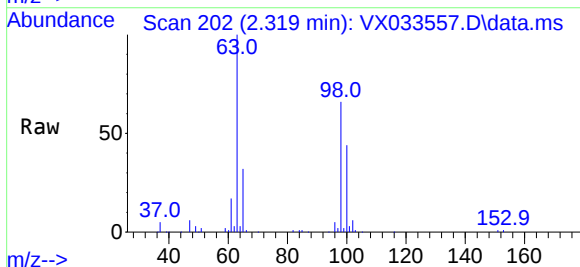
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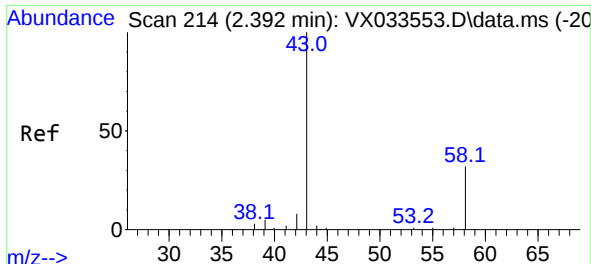
Tgt Ion:101 Resp: 2628
Ion Ratio Lower Upper
101 100
85 27.8 35.0 52.6#
151 57.6 65.7 98.5#



#12
1,1-Dichloroethene
Concen: 2.826 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 96 Resp: 2199
Ion Ratio Lower Upper
96 100
61 369.9 111.6 207.2#
63 2135.9 108.6 201.6#

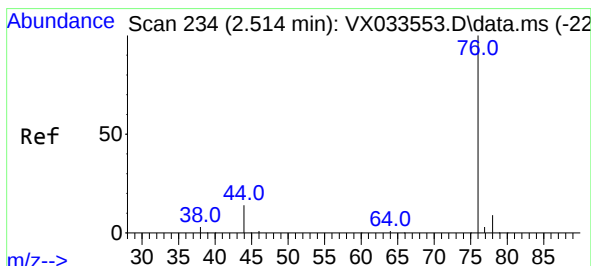
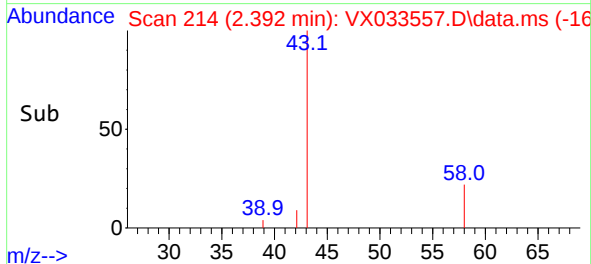
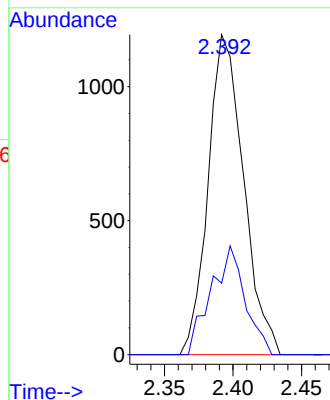
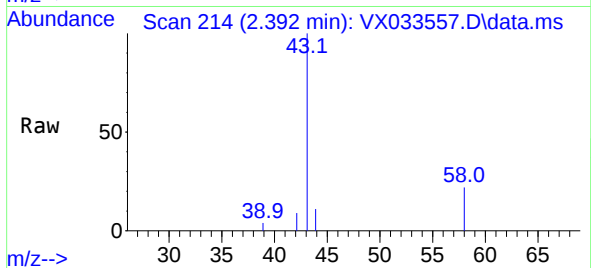




#13
Acetone
Concen: 4.217 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

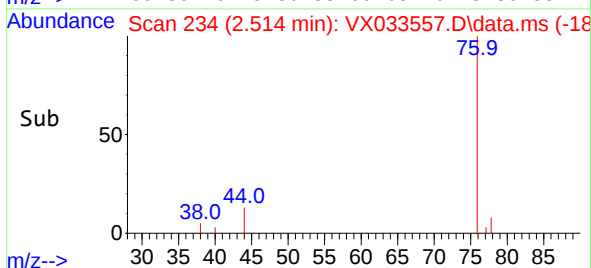
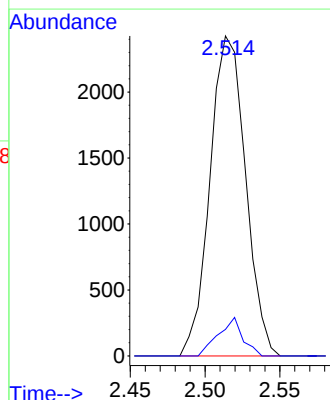
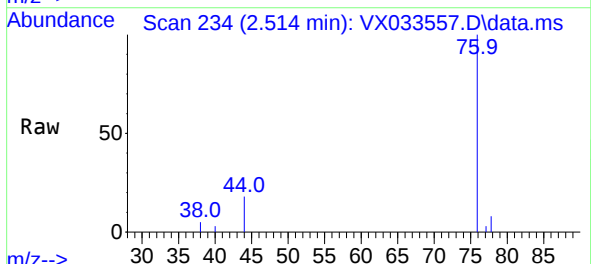
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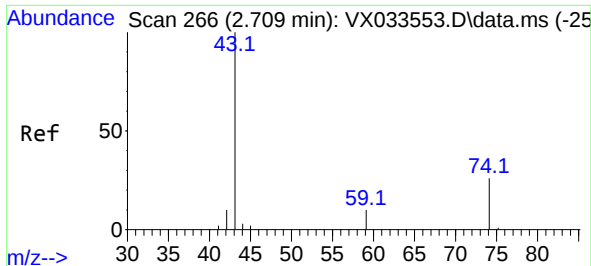
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Ion Ratio Lower Upper
43 100
58 32.7 0.0 60.0



#14
Carbon disulfide
Concen: 1.695 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 76 Resp: 4014
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

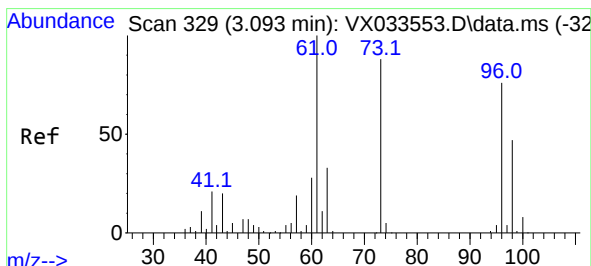
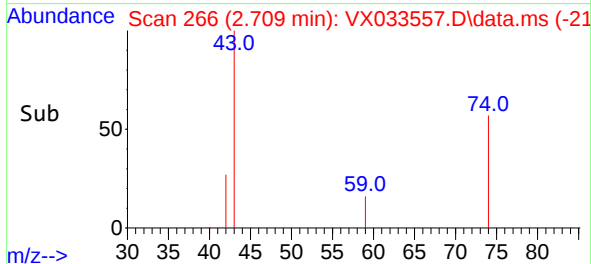
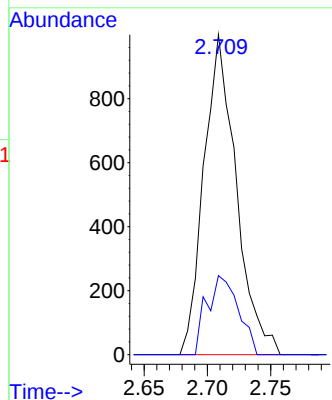
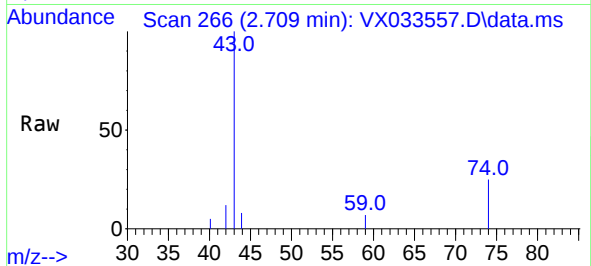




#15
Methyl Acetate
Concen: 1.748 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

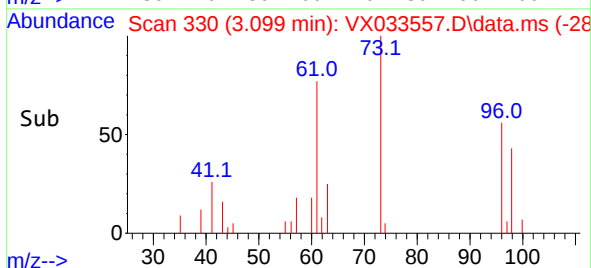
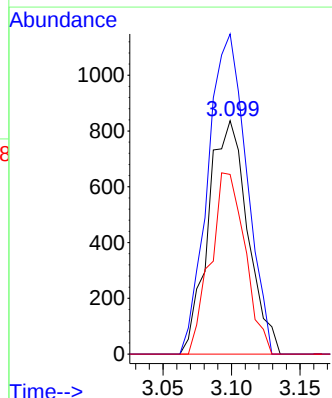
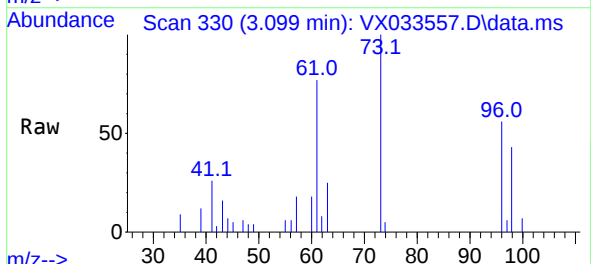
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

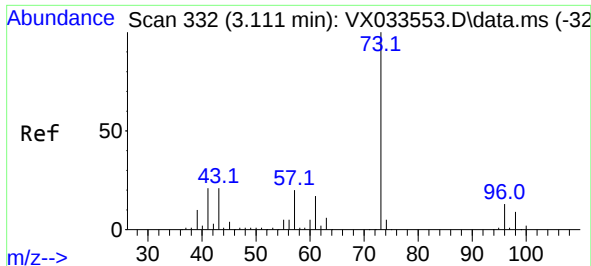
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
74 24.0 21.4 32.0



#17
trans-1,2-Dichloroethene
Concen: 1.455 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 96 Resp: 1677
Ion Ratio Lower Upper
96 100
61 137.2 90.6 168.2
98 76.9 45.1 83.9

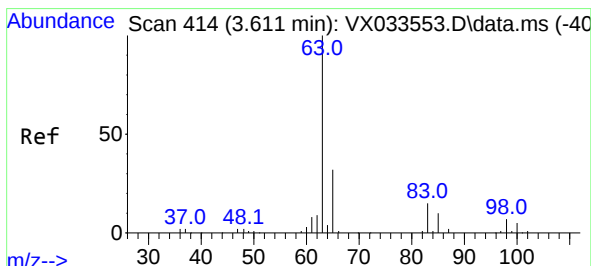
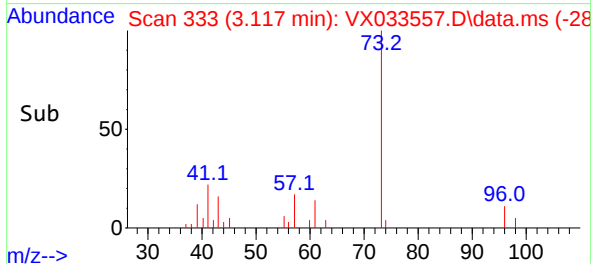
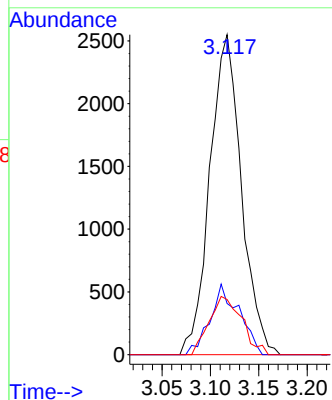
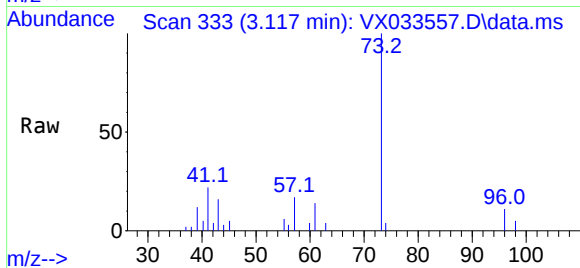




#18
Methyl tert-butyl Ether
Concen: 1.582 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

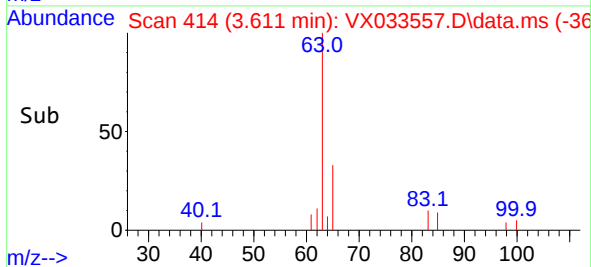
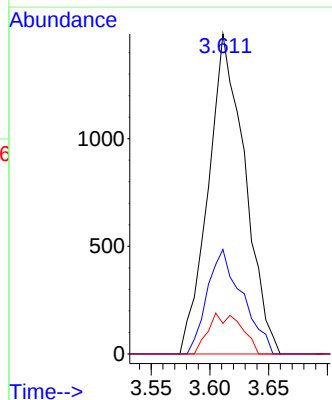
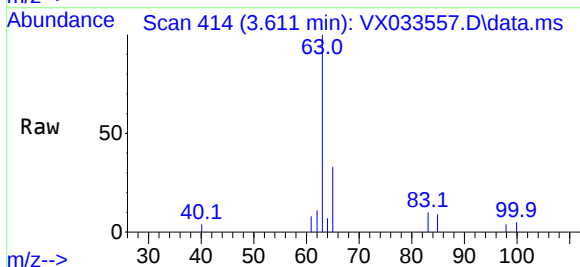
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

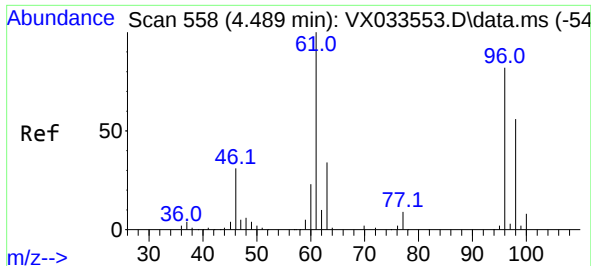
Tgt Ion: 73 Resp: 5780
Ion Ratio Lower Upper
73 100
43 14.6 14.7 22.1#
57 18.4 16.4 24.6



#19
1,1-Dichloroethane
Concen: 1.613 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 63 Resp: 3226
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 9.5 9.9 18.5#

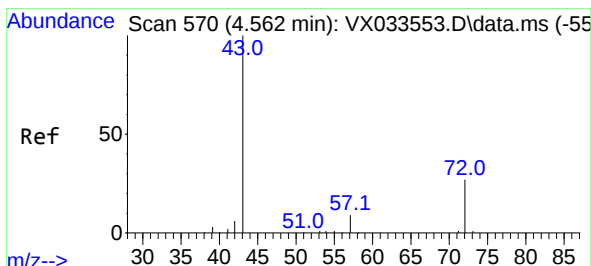
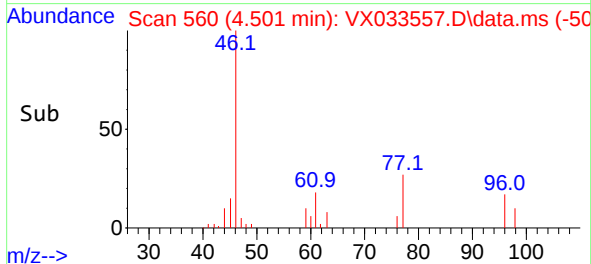
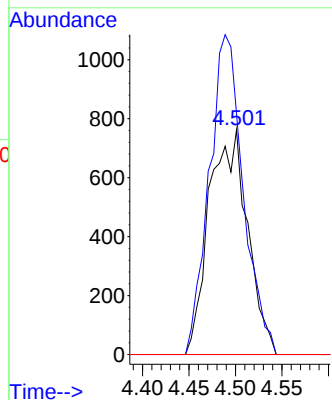
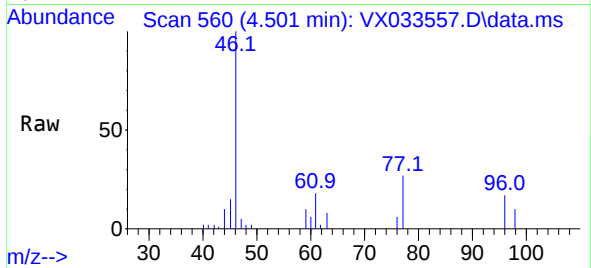




#20
cis-1,2-Dichloroethene
Concen: 1.620 ug/L m
RT: 4.501 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

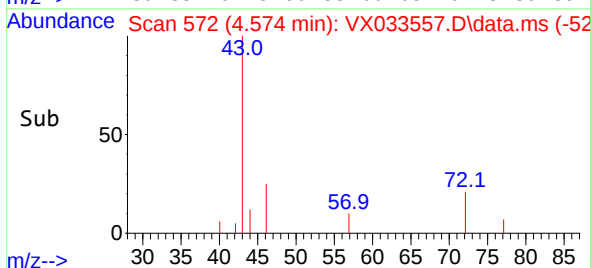
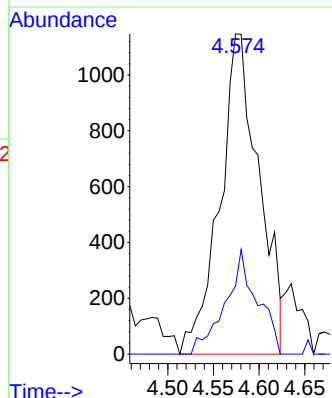
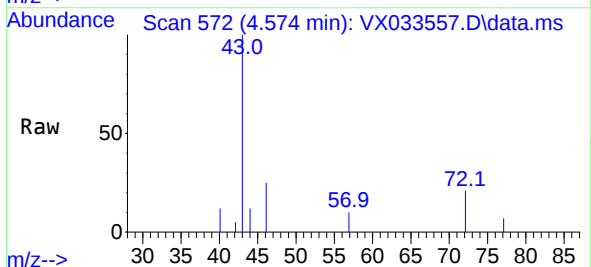
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

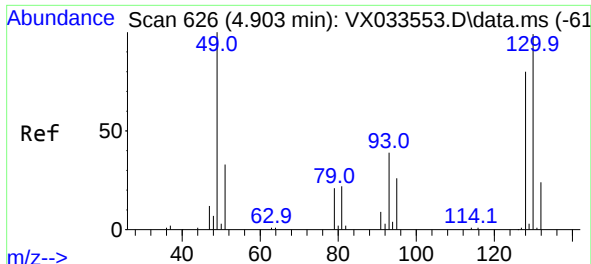
Tgt Ion: 96 Resp: 2189
Ion Ratio Lower Upper
96 100
61 107.2 82.7 153.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.081 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
72 16.5 14.6 44.0

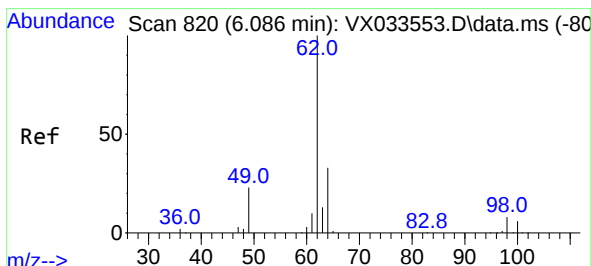
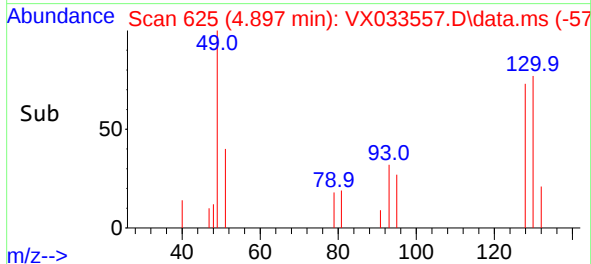
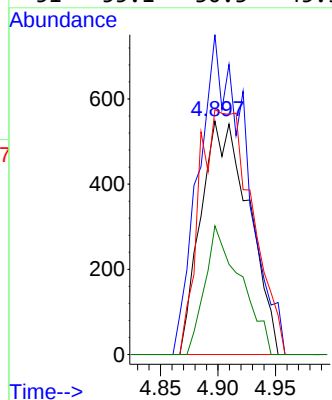
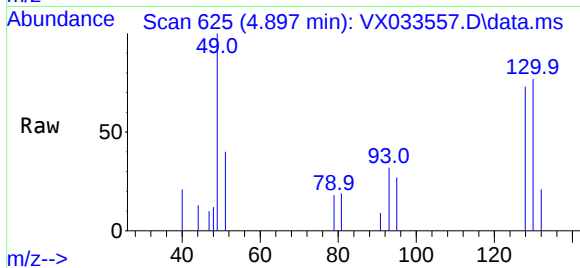




#23
Bromochloromethane
Concen: 2.202 ug/L m
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

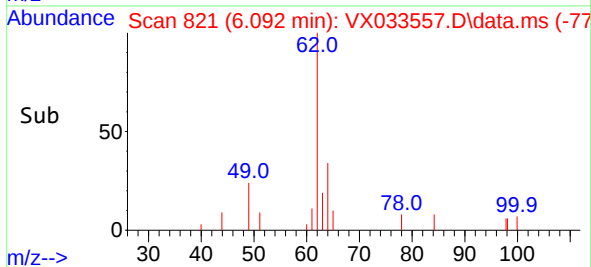
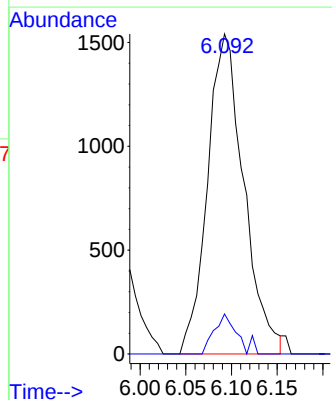
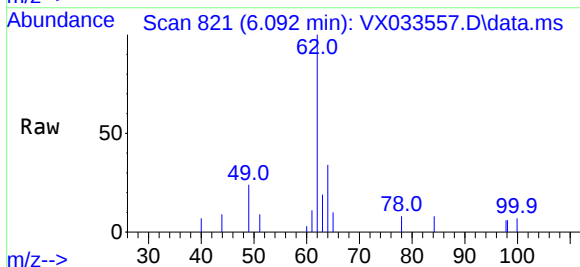
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

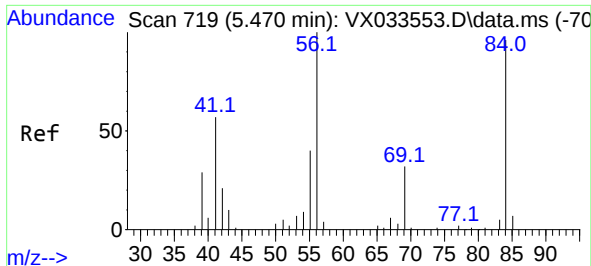
Tgt Ion:128 Resp: 1592
Ion Ratio Lower Upper
128 100
49 137.0 89.2 165.8
130 104.9 85.8 159.3
51 55.1 30.3 45.5#



#27
1,2-Dichloroethane
Concen: 2.393 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

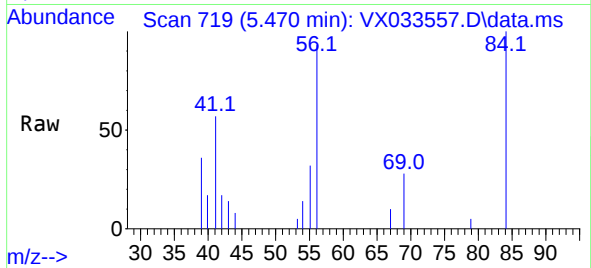
Tgt Ion: 62 Resp: 4244
Ion Ratio Lower Upper
62 100
98 12.5 7.4 11.0#



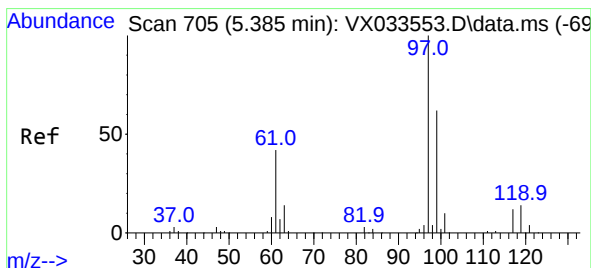
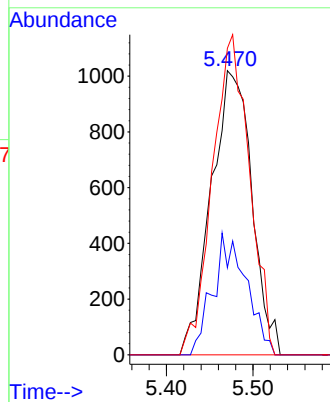
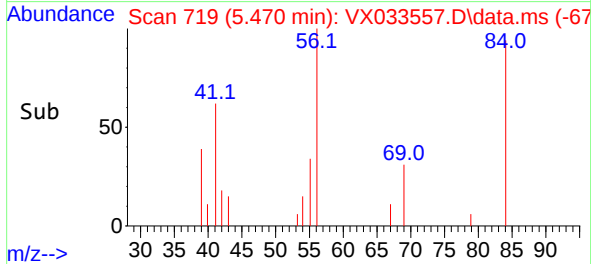


#29
Cyclohexane
Concen: 1.859 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

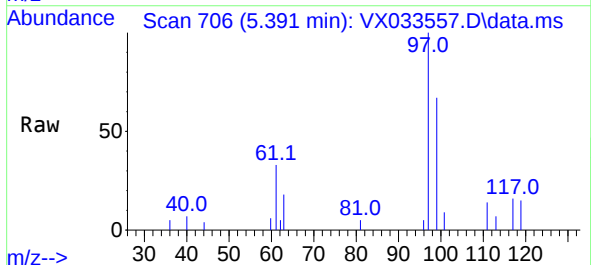
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



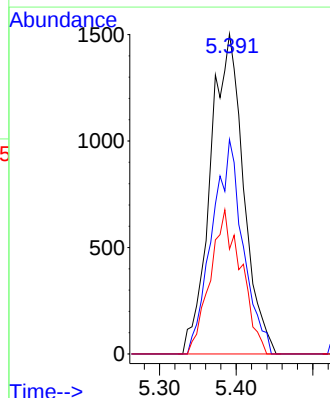
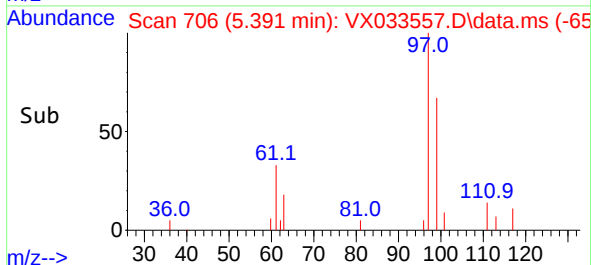
Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 3.7 26.3 39.5#
84 102.6 75.6 113.4

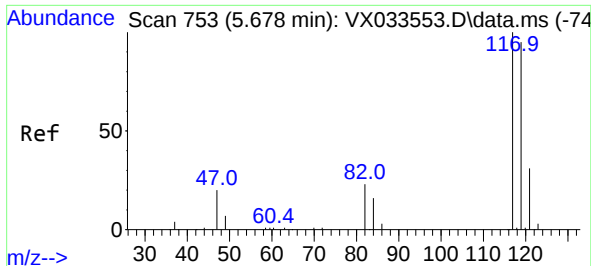


#30
1,1,1-Trichloroethane
Concen: 2.127 ug/L m
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02



Tgt Ion: 97 Resp: 4514
Ion Ratio Lower Upper
97 100
99 32.5 51.3 76.9#
61 42.3 32.4 48.6

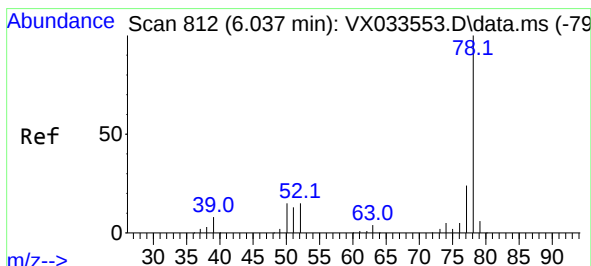
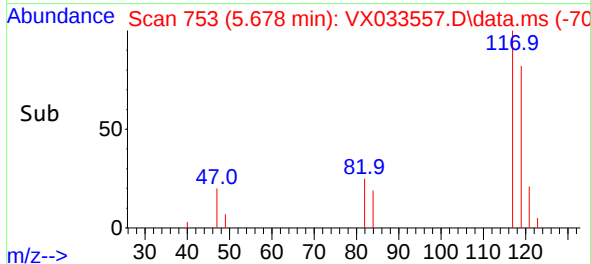
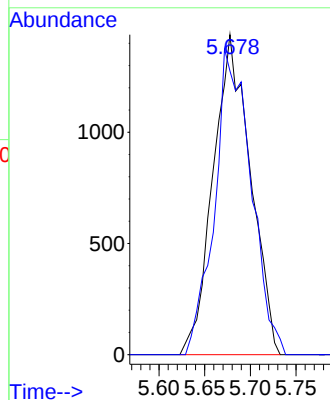
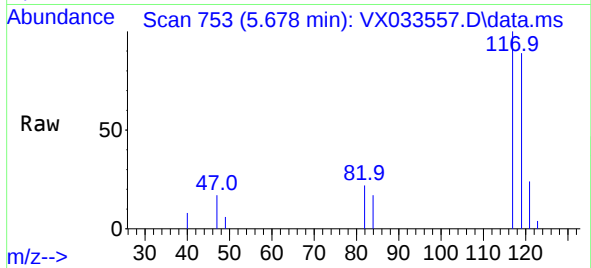




#31
Carbon tetrachloride
Concen: 2.174 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

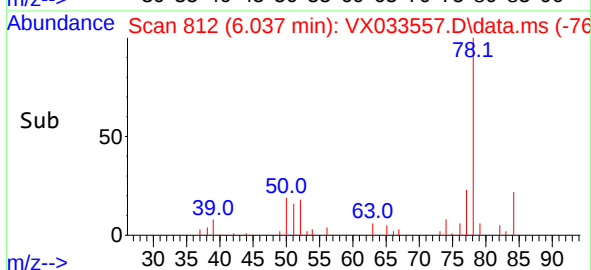
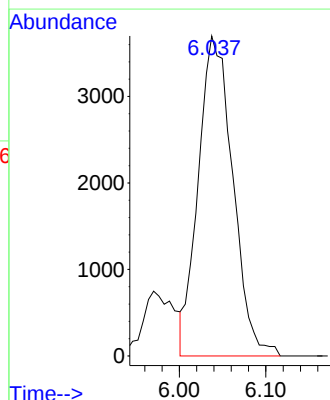
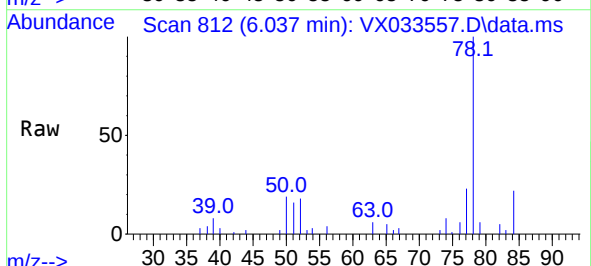
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

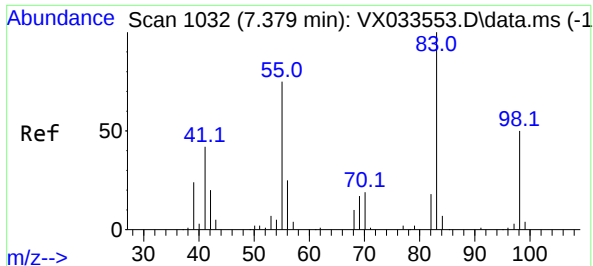
Tgt Ion:117 Resp: 4095
Ion Ratio Lower Upper
117 100
119 56.0 77.9 116.9#



#33
Benzene
Concen: 2.106 ug/L m
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 78 Resp: 10212

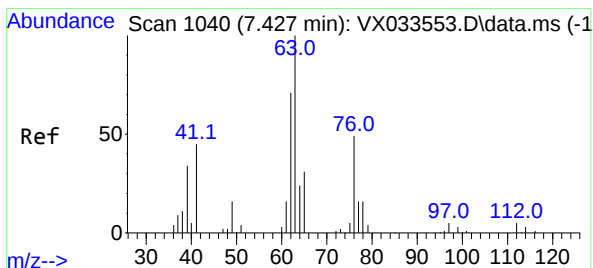
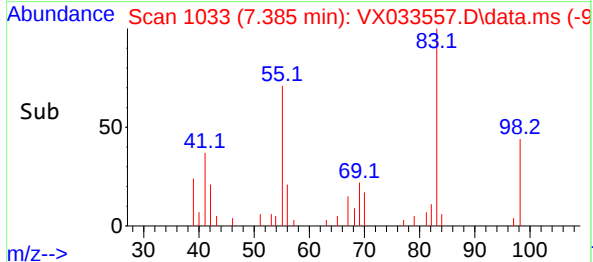
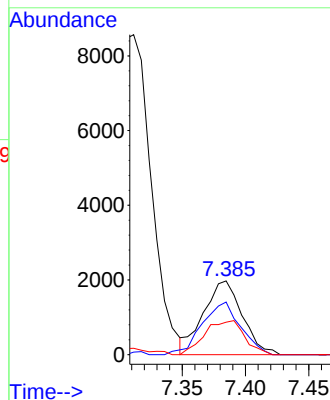
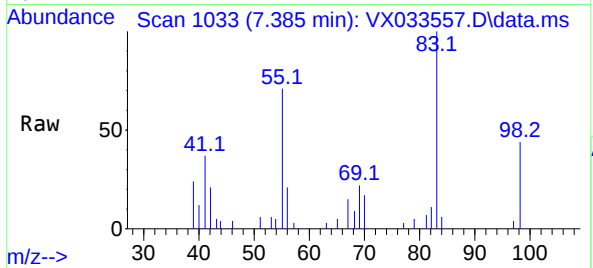




#35
Methylcyclohexane
Concen: 2.127 ug/L
RT: 7.385 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

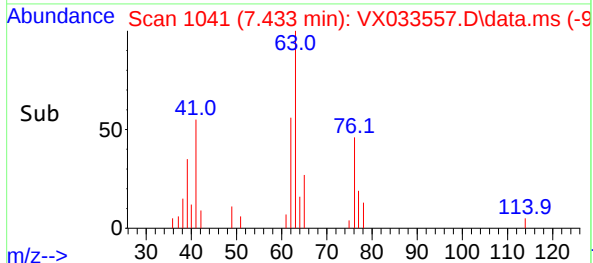
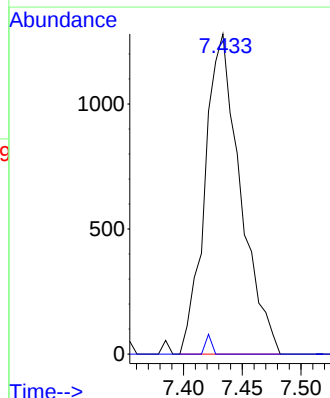
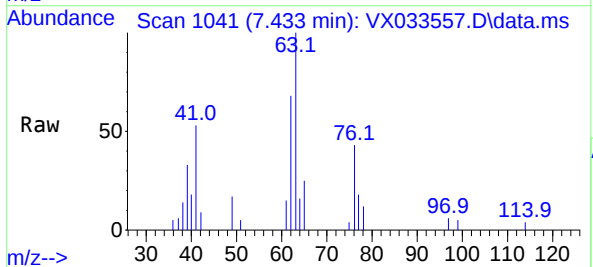
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

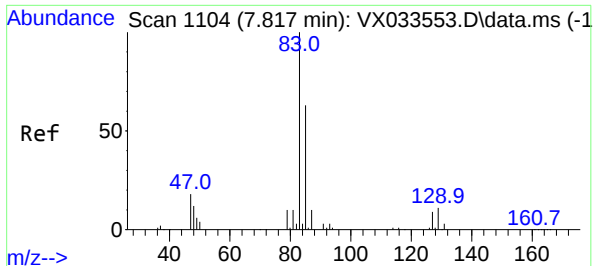
Tgt Ion: 83 Resp: 4215
Ion Ratio Lower Upper
83 100
55 70.7 55.6 83.4
98 47.4 38.6 57.8



#37
1,2-Dichloropropane
Concen: 2.247 ug/L
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 63 Resp: 2687
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

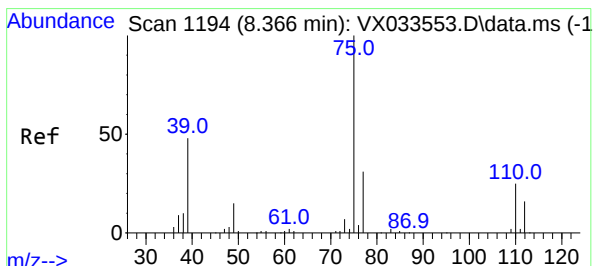
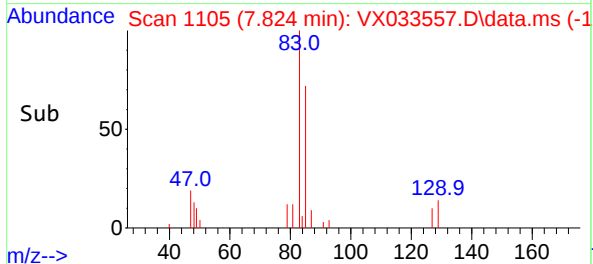
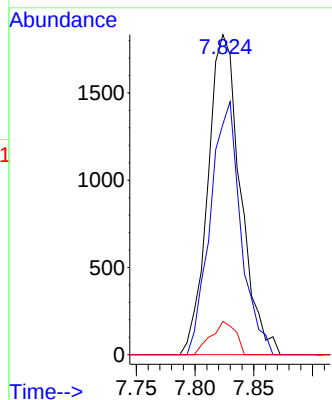
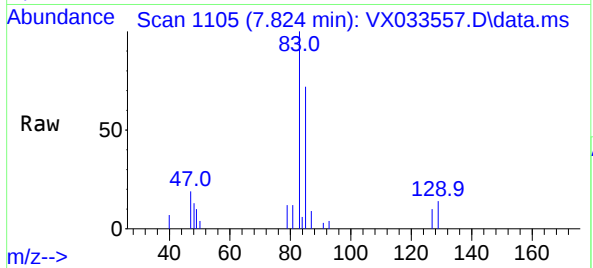




#38
Bromodichloromethane
Concen: 2.006 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

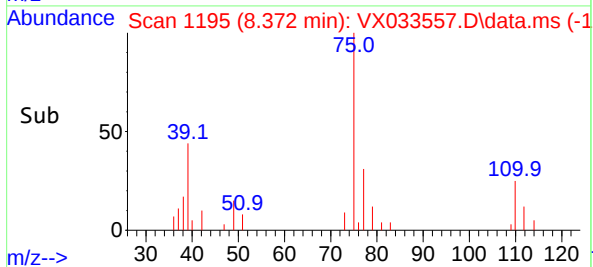
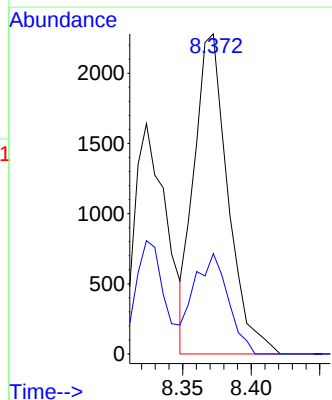
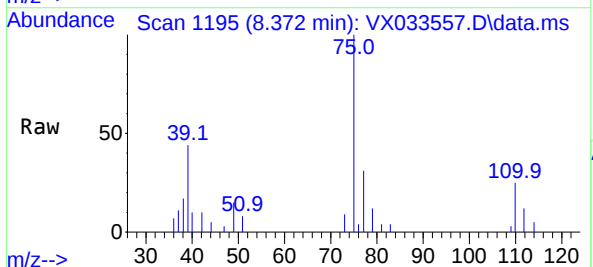
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

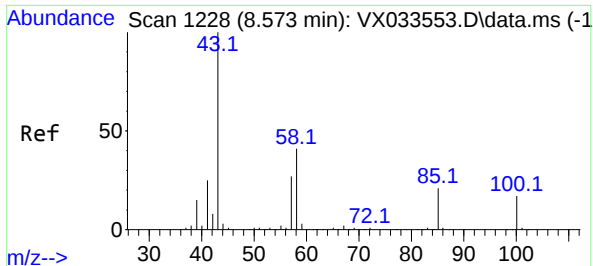
Tgt Ion: 83	Resp:	3541
Ion Ratio	Lower	Upper
83	100	
85	72.1	45.1 83.9
127	10.4	7.7 11.5



#39
cis-1,3-Dichloropropene
Concen: 2.005 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 75	Resp:	3897
Ion Ratio	Lower	Upper
75	100	
77	31.4	22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 4.485 ug/L

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

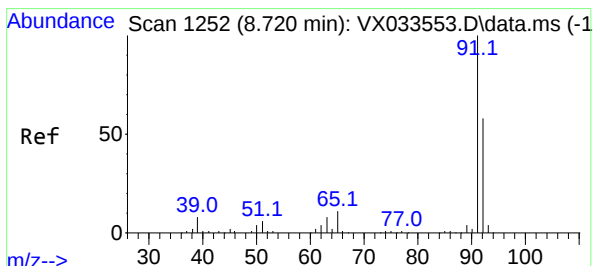
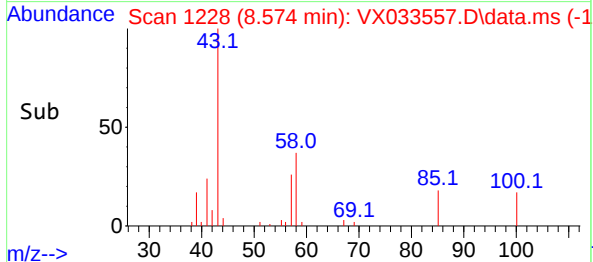
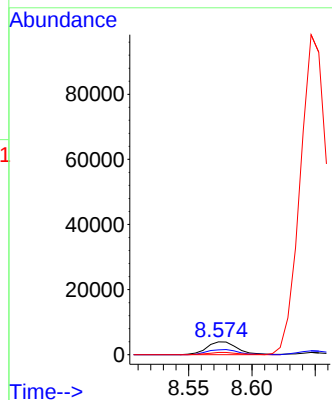
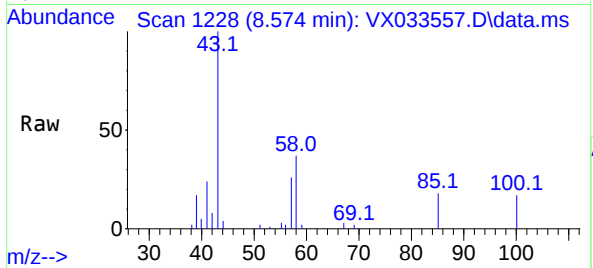
Tgt Ion: 43 Resp: 6643

Ion Ratio Lower Upper

43 100

58 39.7 32.9 49.3

100 17.4 14.9 22.3



#42

Toluene

Concen: 2.124 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033557.D

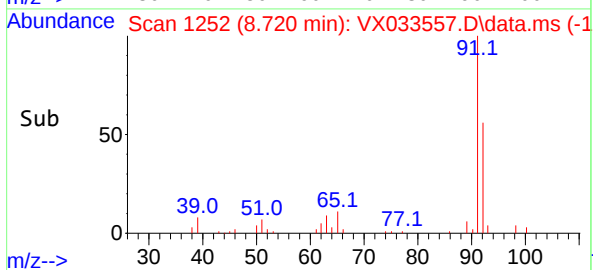
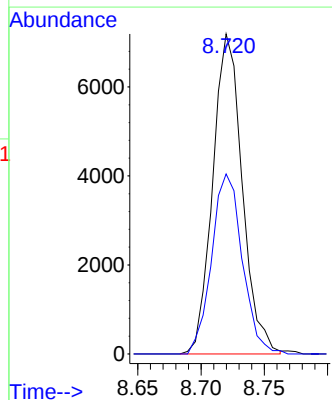
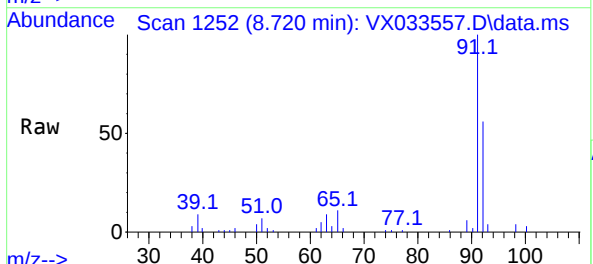
Acq: 23 Dec 2022 12:02

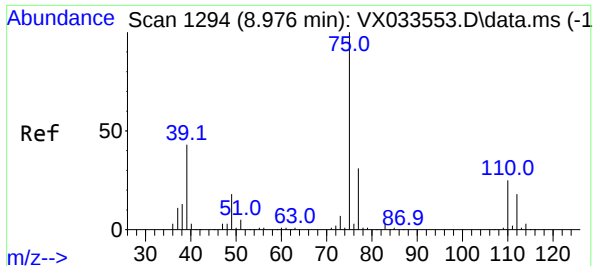
Tgt Ion: 91 Resp: 11645

Ion Ratio Lower Upper

91 100

92 56.2 41.1 76.3

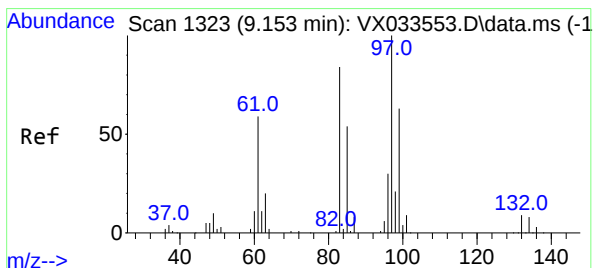
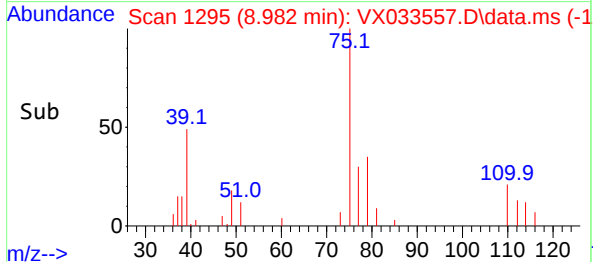
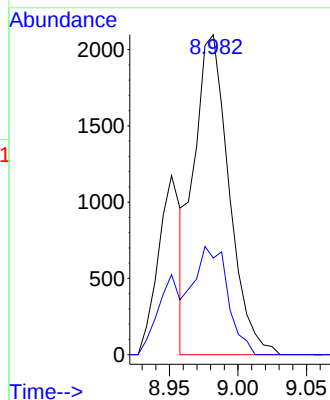
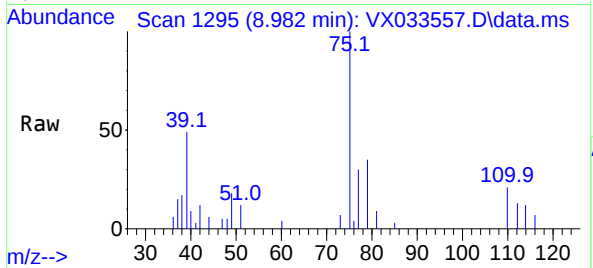




#44
trans-1,3-Dichloropropene
Concen: 2.046 ug/L
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

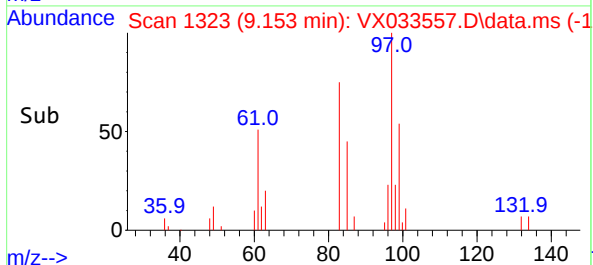
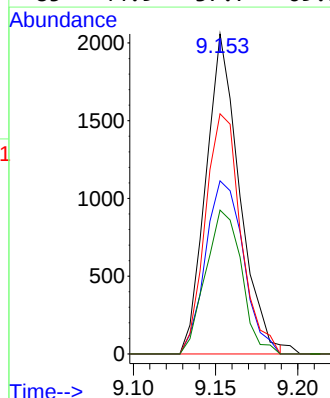
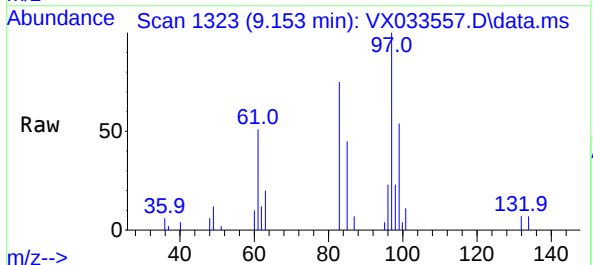
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

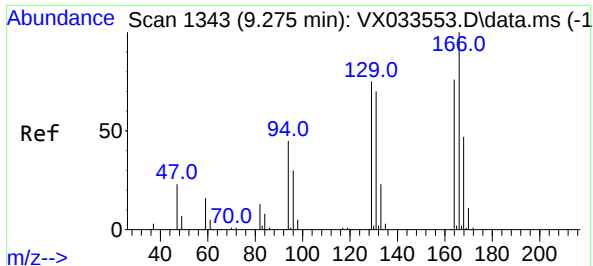
Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
77 30.2 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 2.257 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 97 Resp: 2922
Ion Ratio Lower Upper
97 100
99 54.1 45.4 84.2
83 75.0 57.0 105.9
85 44.9 37.7 69.9



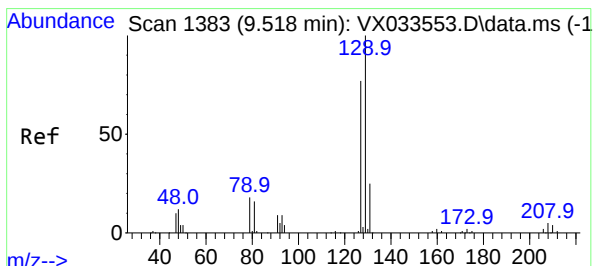
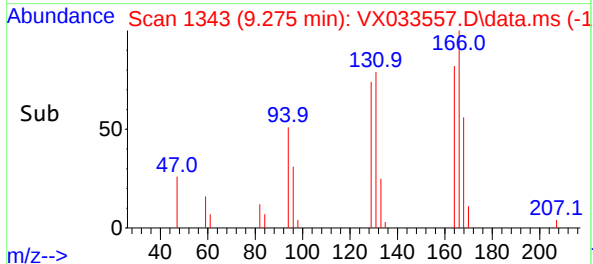
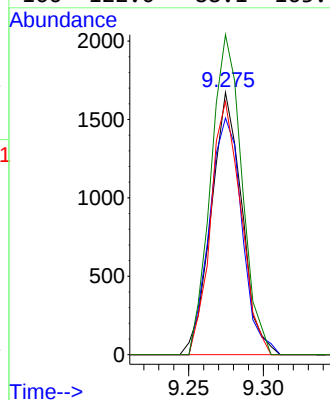
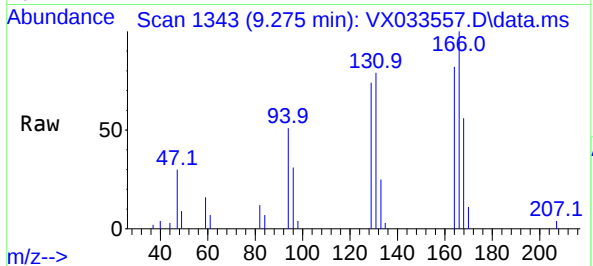


#46
Tetrachloroethene
Concen: 2.093 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:164 Resp: 2389

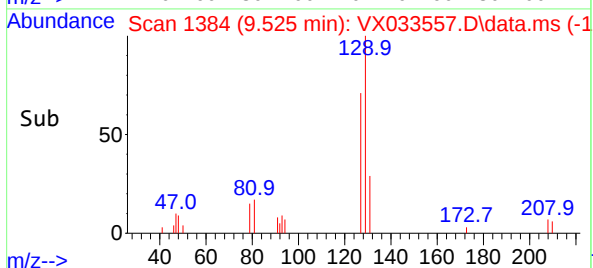
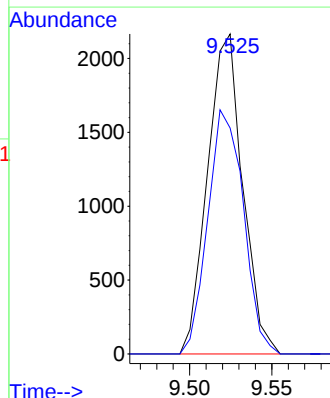
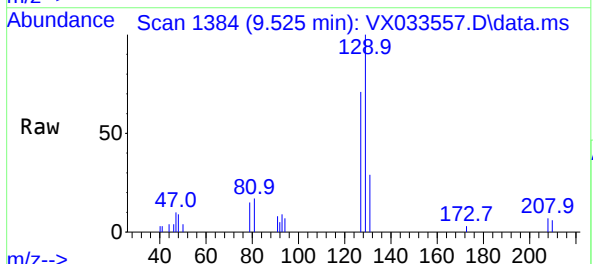
Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.6	121.8
131	96.5	63.5	117.9
166	122.0	88.1	163.7

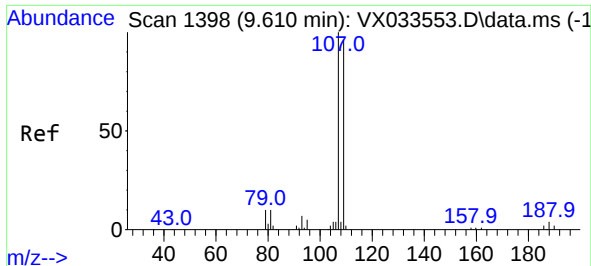


#49
Dibromochloromethane
Concen: 2.131 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:129 Resp: 3221

Ion	Ratio	Lower	Upper
129	100		
127	70.6	55.8	103.6





#50

1,2-Dibromoethane

Concen: 2.142 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

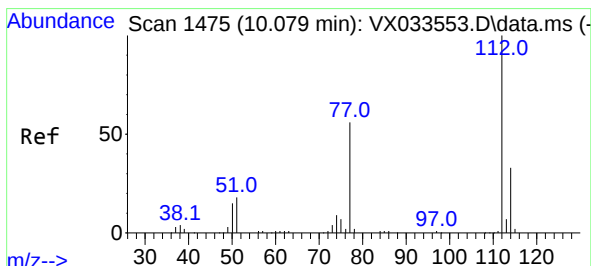
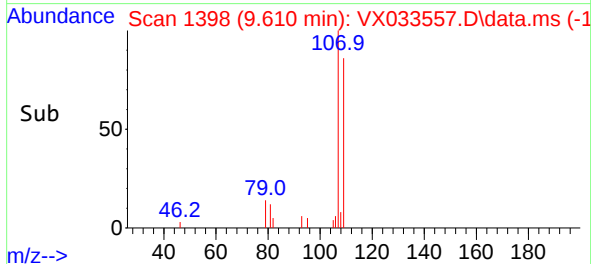
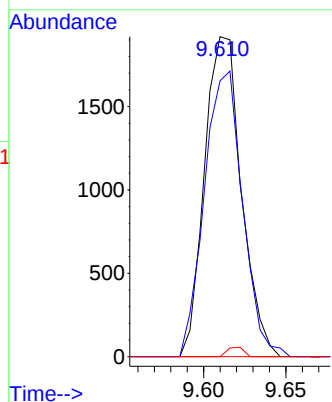
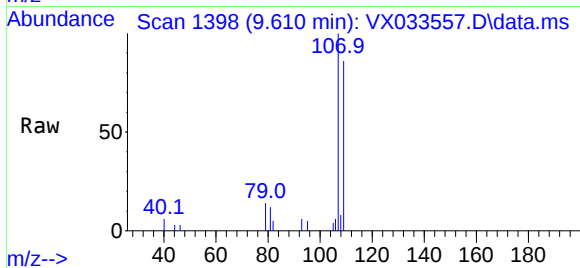
Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

Tgt Ion:107	Resp:	2994
Ion	Ratio	Lower Upper
107	100	
109	86.2	67.5 125.3
188	0.0	3.0 4.4#



#51

Chlorobenzene

Concen: 2.154 ug/L

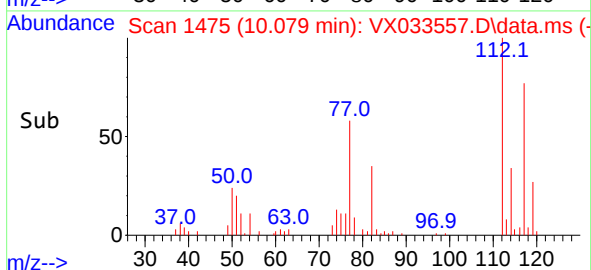
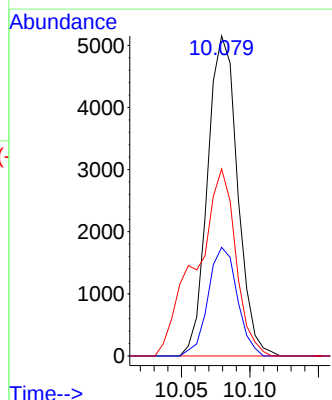
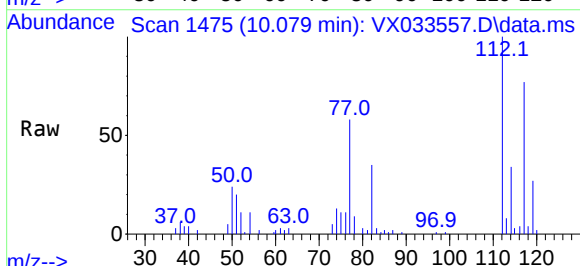
RT: 10.079 min Scan# 1475

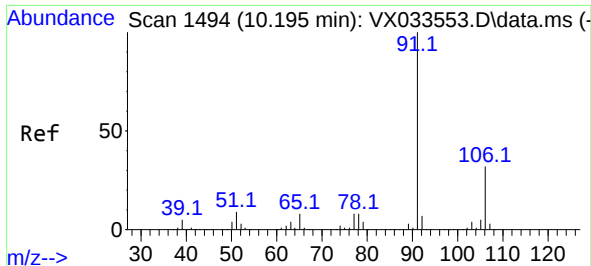
Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

Tgt Ion:112	Resp:	7835
Ion	Ratio	Lower Upper
112	100	
114	34.0	22.1 41.1
77	58.4	45.0 67.4

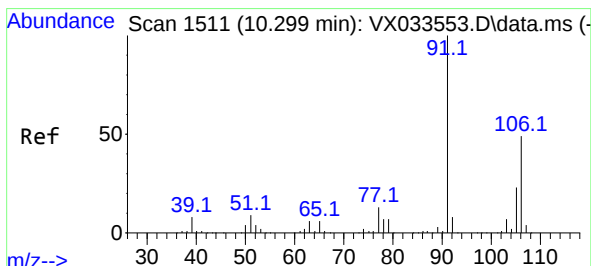
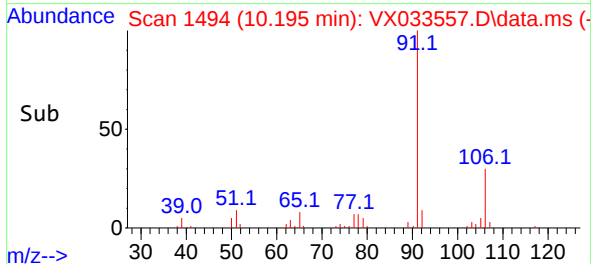
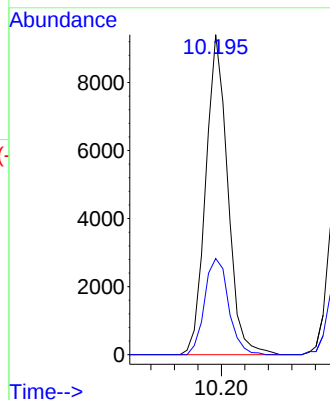
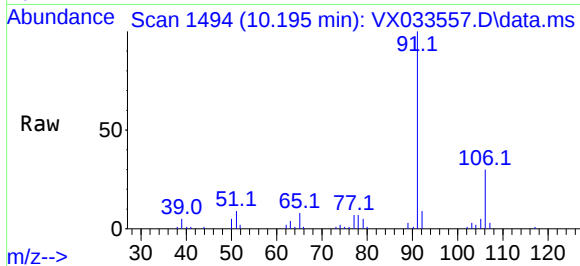




#52
Ethylbenzene
Concen: 2.032 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

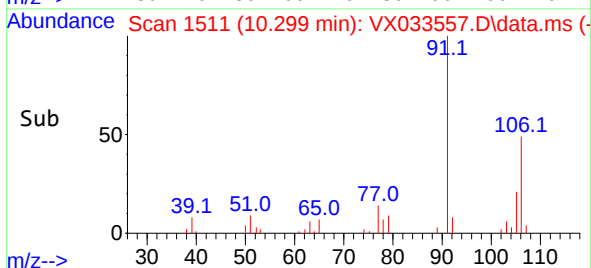
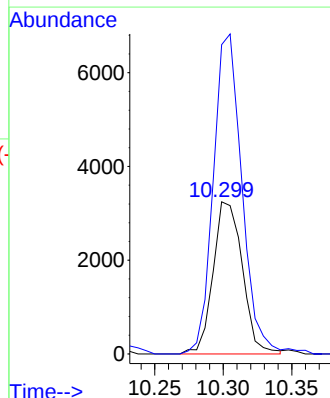
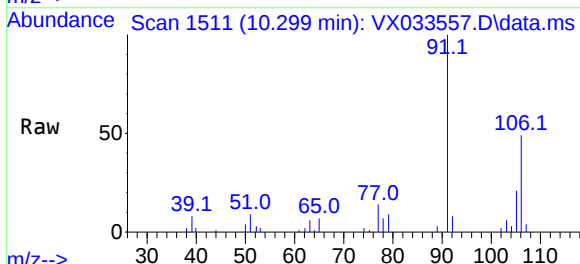
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

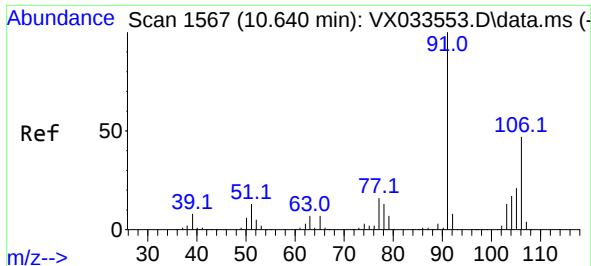
Tgt Ion: 91 Resp: 12202
Ion Ratio Lower Upper
91 100
106 30.0 22.5 41.7



#53
m,p-Xylene
Concen: 2.011 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 106 Resp: 4817
Ion Ratio Lower Upper
106 100
91 203.2 140.4 260.8

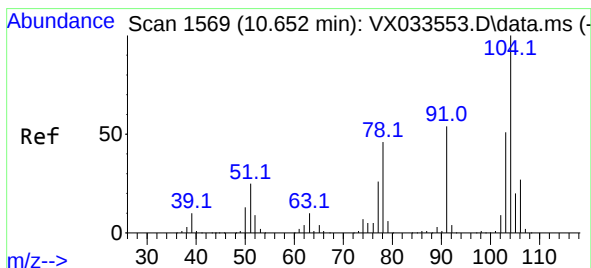
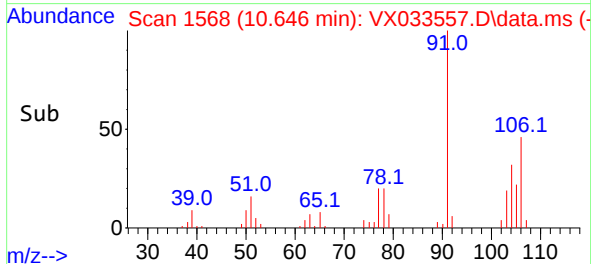
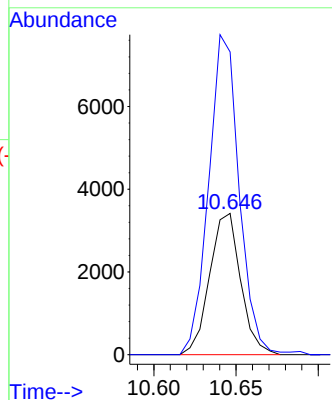
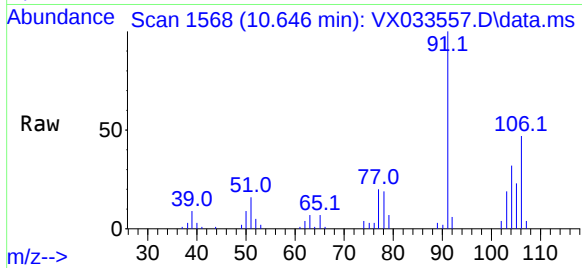




#54
o-Xylene
Concen: 1.911 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

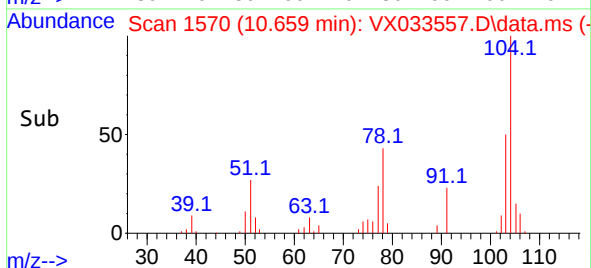
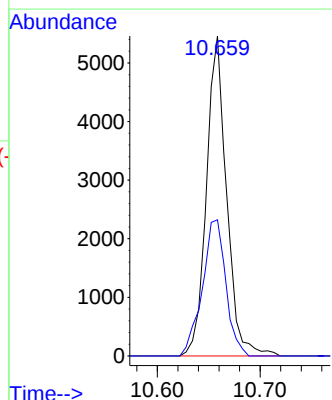
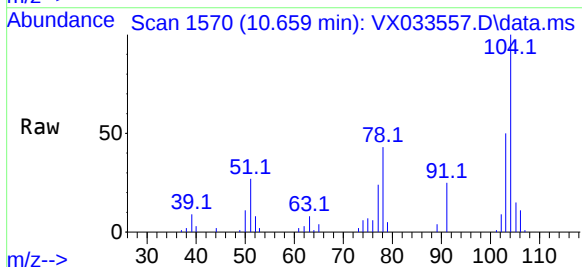
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

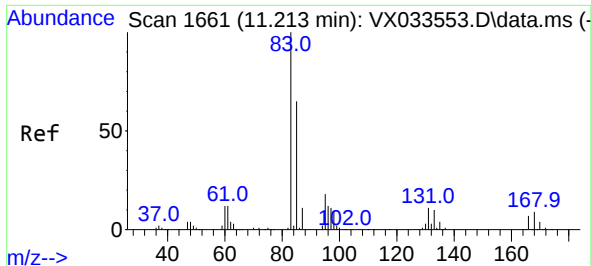
Tgt Ion:106 Resp: 4477
Ion Ratio Lower Upper
106 100
91 214.3 150.6 279.6



#55
Styrene
Concen: 1.886 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:104 Resp: 7444
Ion Ratio Lower Upper
104 100
78 42.5 31.7 58.9

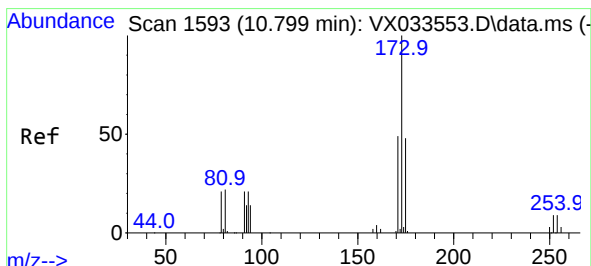
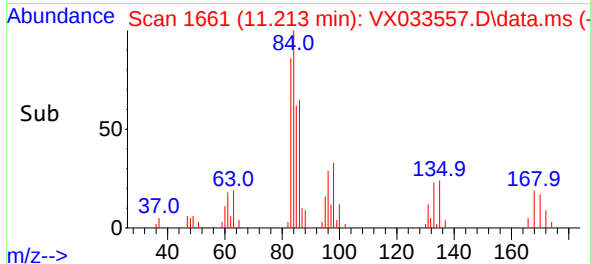
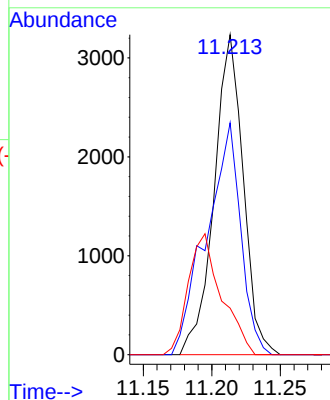
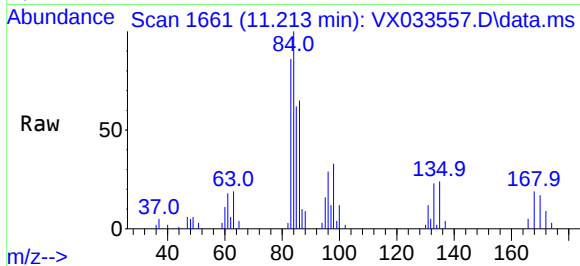




#57
1,1,2,2-Tetrachloroethane
Concen: 2.521 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

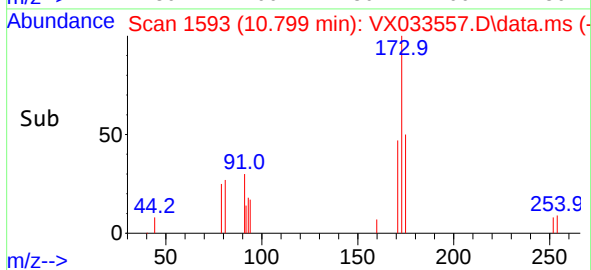
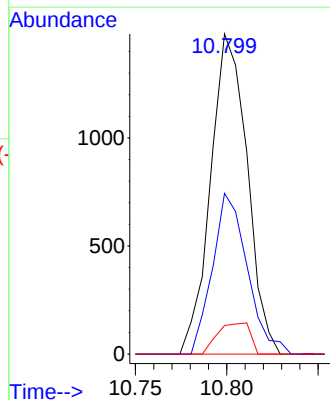
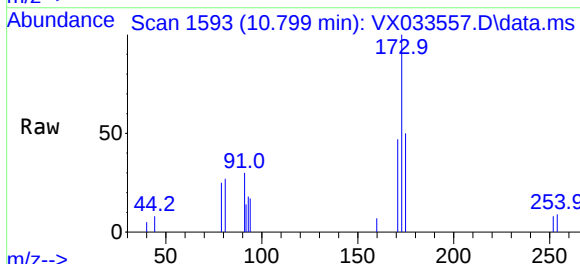
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

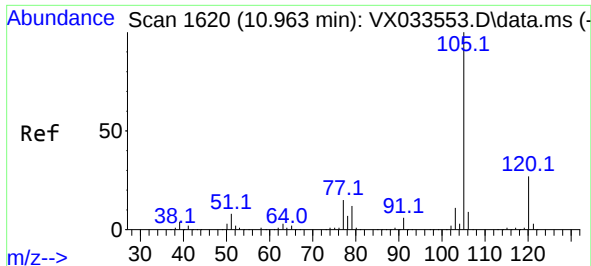
Tgt Ion: 83 Resp: 4773
Ion Ratio Lower Upper
83 100
85 72.5 45.6 84.8
131 14.6 8.4 12.6#



#59
Bromoform
Concen: 2.048 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion: 173 Resp: 2064
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 8.6 7.2 10.8

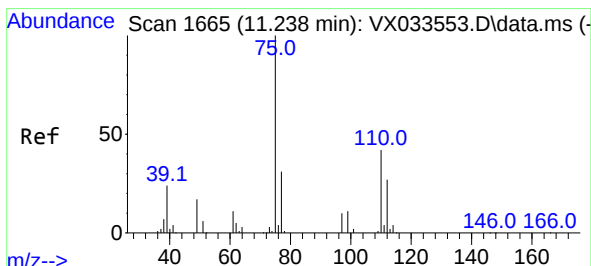
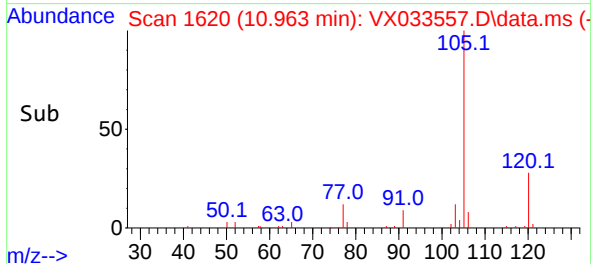
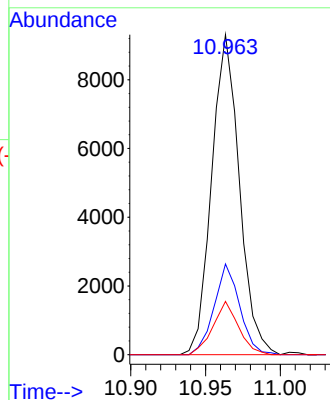
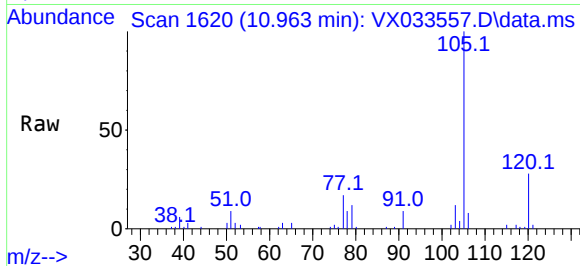




#60
Isopropylbenzene
Concen: 2.094 ug/L
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

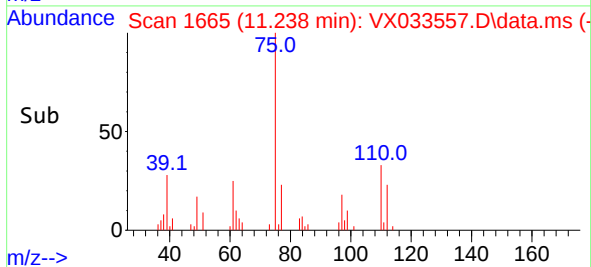
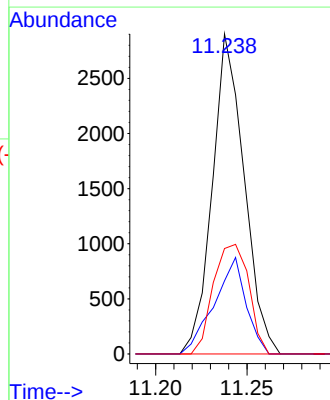
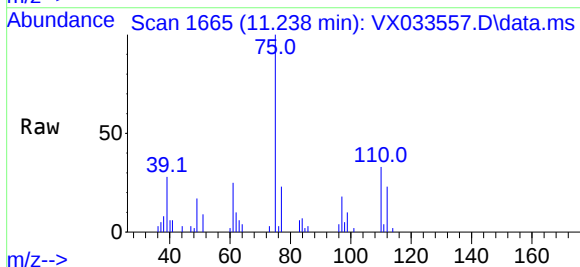
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

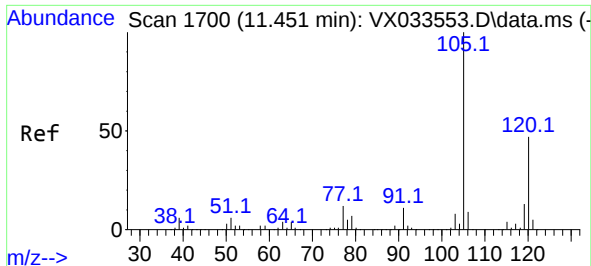
Tgt Ion:	105	Resp:	11985
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.6	32.4
77	15.5	11.7	17.5



#61
1,2,3-Trichloropropane
Concen: 2.580 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:	75	Resp:	3517
Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.0	39.0
110	38.3	33.6	50.4





#62

1,3,5-Trimethylbenzene

Concen: 2.030 ug/L

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

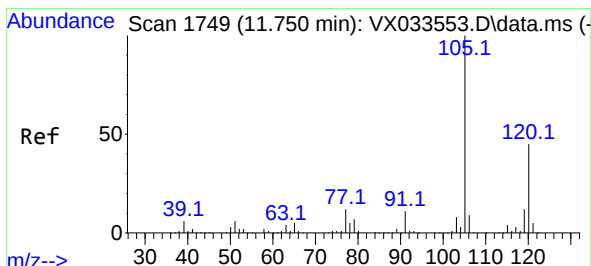
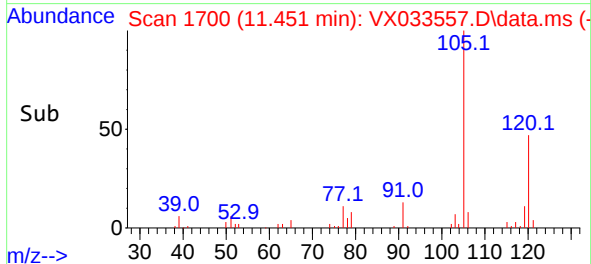
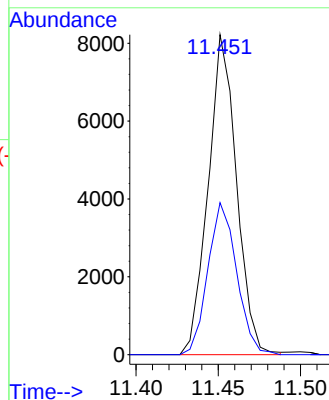
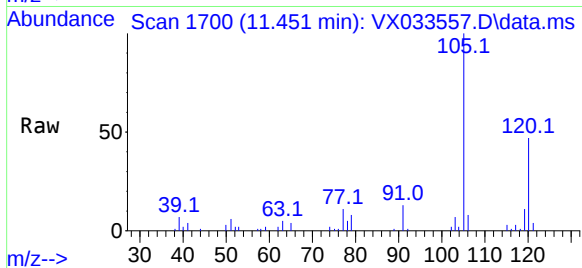
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:105 Resp: 9870

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 1.966 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033557.D

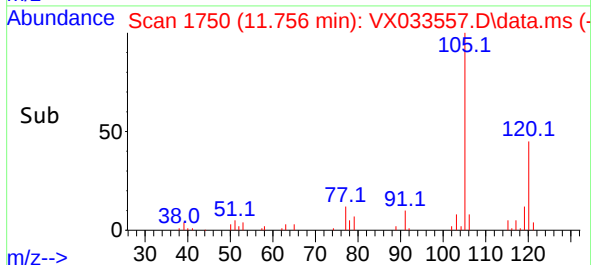
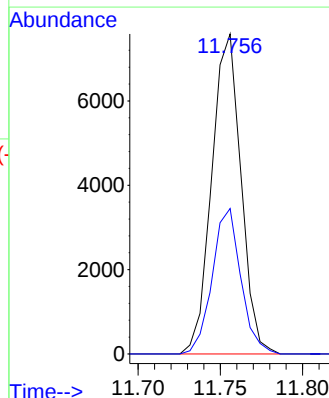
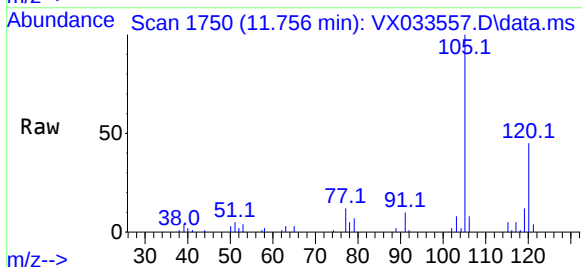
Acq: 23 Dec 2022 12:02

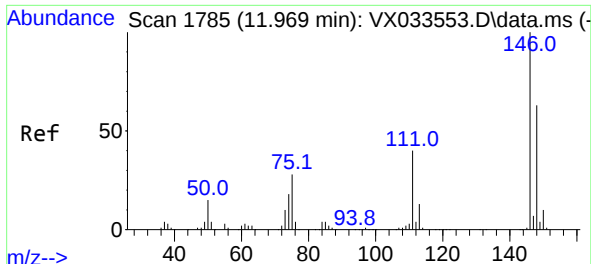
Tgt Ion:105 Resp: 9396

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.6

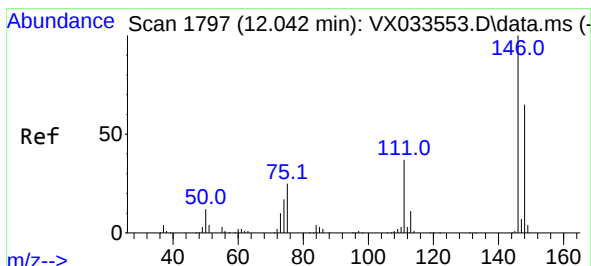
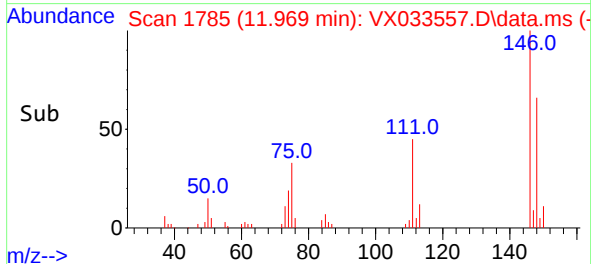
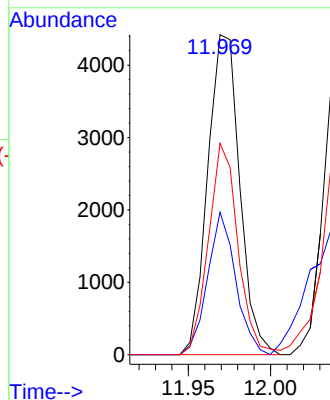
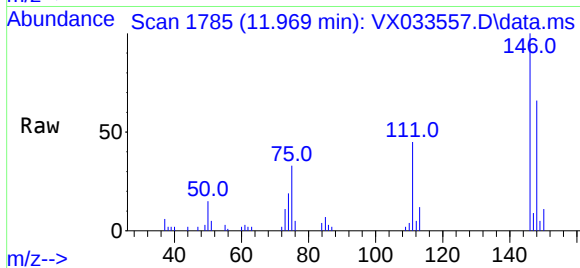




#64
1,3-Dichlorobenzene
Concen: 2.292 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

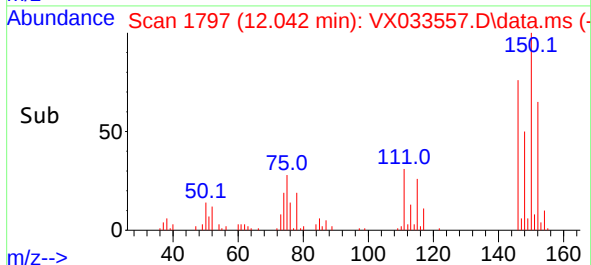
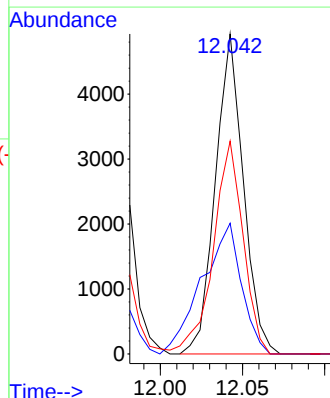
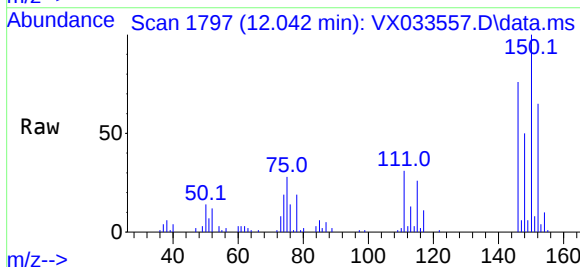
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

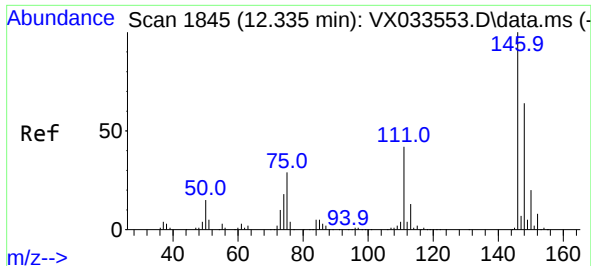
Tgt Ion:146 Resp: 5990
Ion Ratio Lower Upper
146 100
111 44.5 27.6 51.2
148 66.1 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 2.207 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:146 Resp: 5836
Ion Ratio Lower Upper
146 100
111 40.8 25.8 47.8
148 66.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 2.305 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

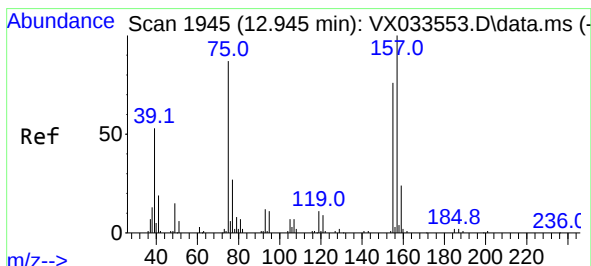
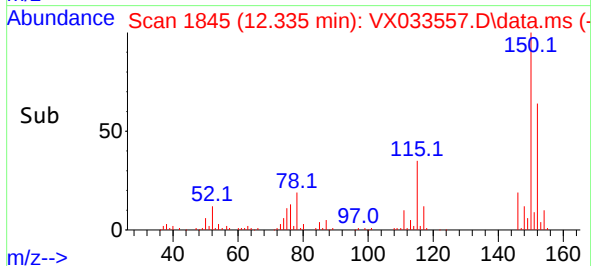
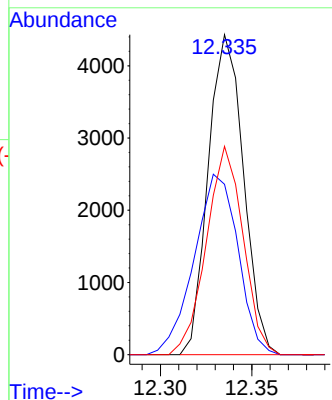
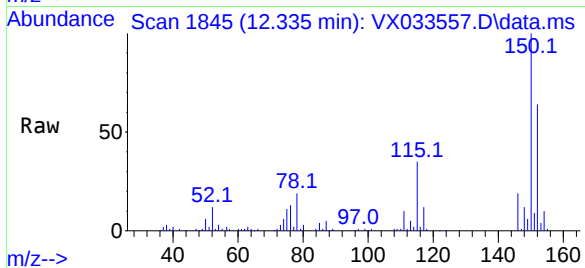
Tgt Ion:146 Resp: 5947

Ion Ratio Lower Upper

146 100

111 53.2 33.2 49.8#

148 65.1 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.240 ug/L m

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033557.D

Acq: 23 Dec 2022 12:02

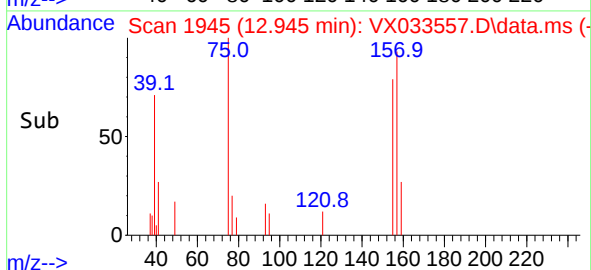
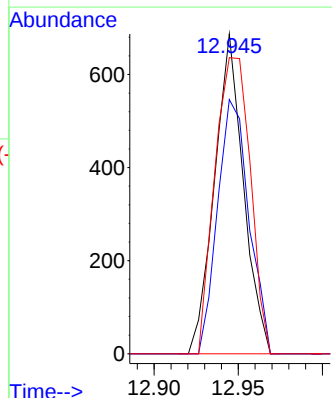
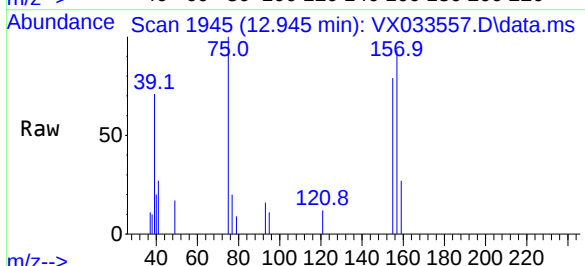
Tgt Ion: 75 Resp: 821

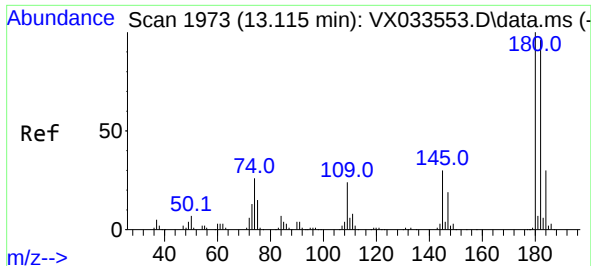
Ion Ratio Lower Upper

75 100

155 79.5 75.4 113.2

157 92.6 98.7 148.1#

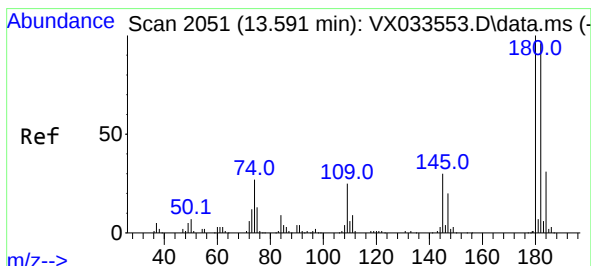
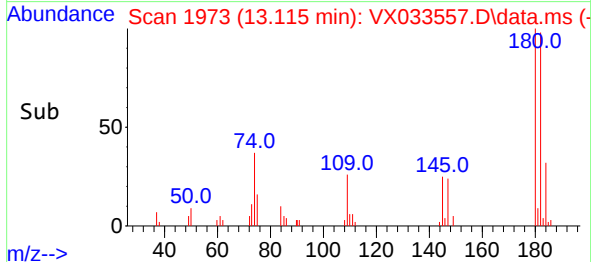
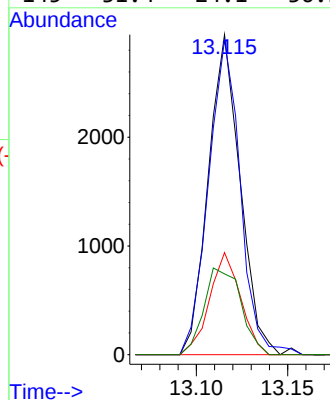
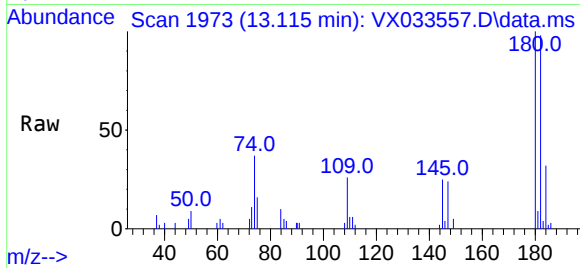




#69
1,3,5-Trichlorobenzene
Concen: 2.039 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

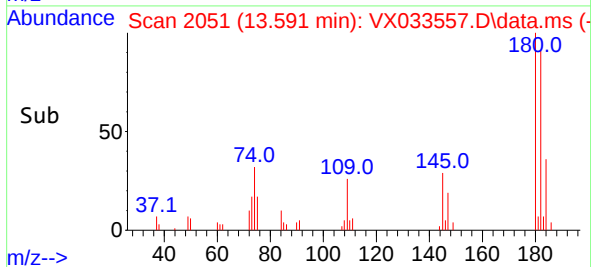
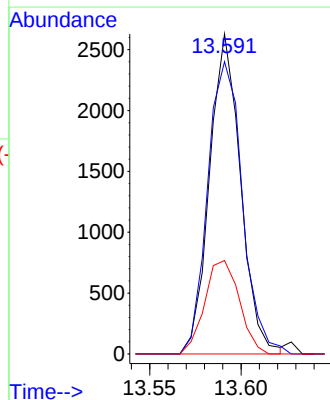
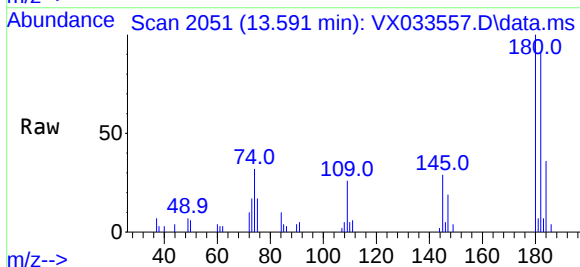
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

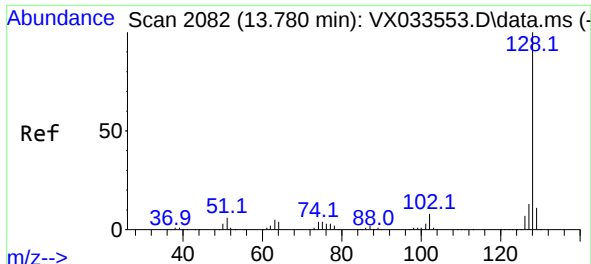
Tgt Ion:180	Resp:	3566
Ion Ratio	Lower	Upper
180	100	
182	97.7	75.0 112.6
184	31.3	24.0 36.0
145	31.4	24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 1.963 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:180	Resp:	3110
Ion Ratio	Lower	Upper
180	100	
182	101.9	76.6 115.0
145	32.6	25.2 37.8

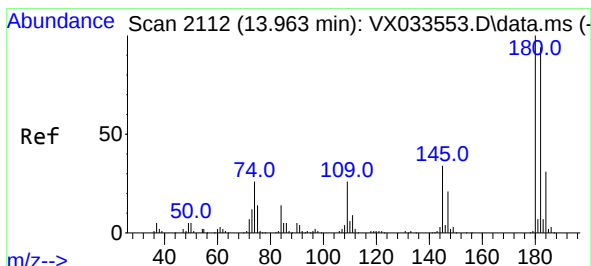
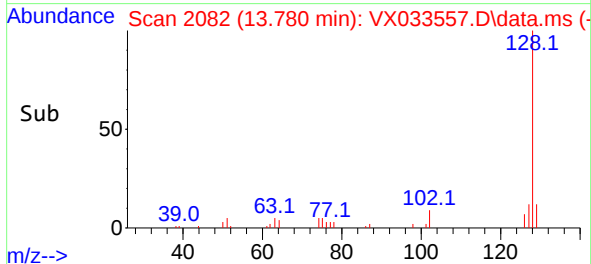
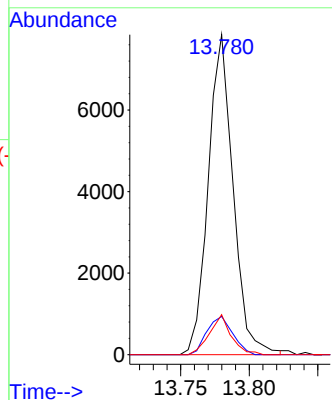
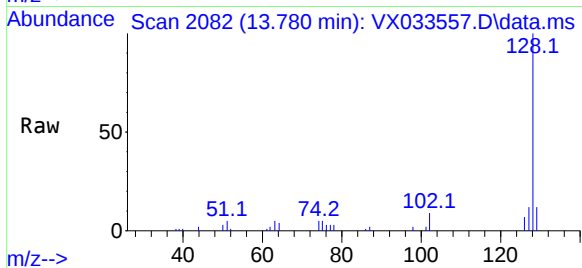




#71
Naphthalene
Concen: 1.917 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:	128	Resp:	9922
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.001 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033557.D
Acq: 23 Dec 2022 12:02

Tgt Ion:	180	Resp:	3163
Ion	Ratio	Lower	Upper
180	100		
182	104.6	76.4	114.6
145	34.4	26.2	39.4

