

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020623\
 Data File : VX034022.D
 Acq On : 06 Feb 2023 12:59
 Operator : JC/MD
 Sample : 01378-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-02

Quant Time: Feb 07 03:30:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 03:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	178976	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	156066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	42236	35.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.860%
7) Chloroethane-d5	1.666	69	31792	43.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.860%
11) 1,1-Dichloroethene-d2	2.306	63	69301	31.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.460%
21) 2-Butanone-d5	4.446	46	73590	107.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.680%
24) Chloroform-d	5.056	84	96670	45.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
26) 1,2-Dichloroethane-d4	5.952	65	61560	47.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
32) Benzene-d6	5.970	84	200998	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	7.306	67	62103	46.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.900%
41) Toluene-d8	8.647	98	188265	44.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	8.952	79	26531	44.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
47) 2-Hexanone-d5	9.384	63	53376	107.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86025	51.870	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	82919	49.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2628	1.974	ug/L	95
3) Chloromethane	1.294	50	2450	2.016	ug/L	83
5) Vinyl chloride	1.374	62	2518	2.049	ug/L #	67
6) Bromomethane	1.611	94	1491	2.340	ug/L	91
8) Chloroethane	1.691	64	1424	2.180	ug/L	89
9) Trichlorofluoromethane	1.892	101	3971	2.280	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3489	2.896	ug/L #	81
12) 1,1-Dichloroethene	2.319	96	2951	2.678	ug/L #	1
13) Acetone	2.374	43	3419	4.863	ug/L	100
14) Carbon disulfide	2.514	76	6275	2.104	ug/L	97
15) Methyl Acetate	2.703	43	2568	2.293	ug/L	97
16) Methylene chloride	2.788	84	3424	2.934	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	2458	2.161	ug/L	89
18) Methyl tert-butyl Ether	3.111	73	7356	2.221	ug/L	100
19) 1,1-Dichloroethane	3.611	63	4146	2.088	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	3041	2.339	ug/L	77
22) 2-Butanone	4.562	43	4090	4.682	ug/L #	68
23) Bromochloromethane	4.891	128	819	1.148	ug/L	84
25) Chloroform	5.093	83	5287	2.579	ug/L	95

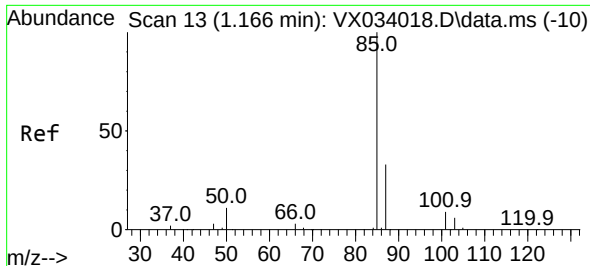
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020623\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	3509	2.230	ug/L	97
29) Cyclohexane	5.471	56	3966	2.078	ug/L #	93
30) 1,1,1-Trichloroethane	5.379	97	2261	1.282	ug/L #	80
31) Carbon tetrachloride	5.678	117	3357	2.046	ug/L	97
33) Benzene	6.038	78	10082	2.172	ug/L	100
35) Methylcyclohexane	7.379	83	4623	2.305	ug/L	97
37) 1,2-Dichloropropane	7.434	63	2512	2.125	ug/L #	85
38) Bromodichloromethane	7.824	83	3046	2.027	ug/L #	82
39) cis-1,3-Dichloropropene	8.366	75	3783	2.085	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	6247	4.295	ug/L	99
42) Toluene	8.720	91	10860	2.188	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	3032	1.878	ug/L	87
45) 1,1,2-Trichloroethane	9.153	97	2782	2.325	ug/L	97
46) Tetrachloroethene	9.275	164	2746	2.274	ug/L	96
48) 2-Hexanone	9.433	43	4982	4.298	ug/L	95
49) Dibromochloromethane	9.519	129	2623	2.032	ug/L	97
50) 1,2-Dibromoethane	9.610	107	2815	2.189	ug/L	99
51) Chlorobenzene	10.079	112	7609	2.269	ug/L	98
52) Ethylbenzene	10.195	91	11622	2.130	ug/L	95
53) m,p-Xylene	10.299	106	4746	2.167	ug/L	98
54) o-Xylene	10.640	106	4479	2.117	ug/L	97
55) Styrene	10.659	104	7207	2.030	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	4620	2.747	ug/L	93
59) Bromoform	10.799	173	2135	2.092	ug/L	99
60) Isopropylbenzene	10.963	105	11761	2.146	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	2925	2.297	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	9329	2.080	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	8962	2.027	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	6176	2.267	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	6341	2.300	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	6215	2.333	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	4248	2.068	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	3862	2.071	ug/L	98
71) Naphthalene	13.780	128	10515	2.036	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	3722	2.021	ug/L	96

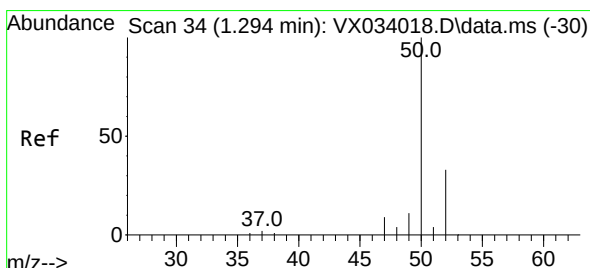
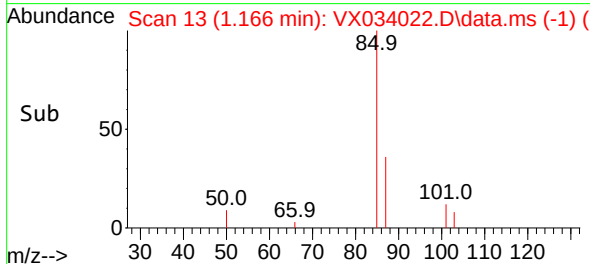
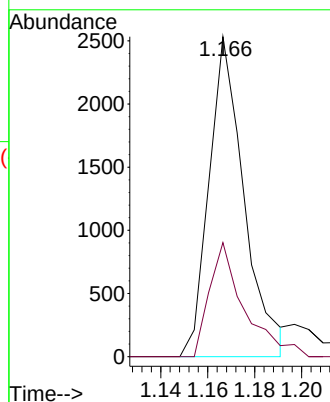
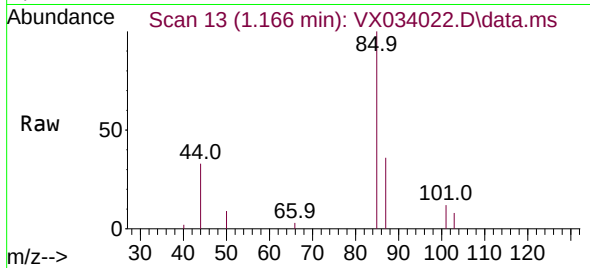
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#2
 Dichlorodifluoromethane
 Concen: 1.974 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034022.D
 Acq: 06 Feb 2023 12:59

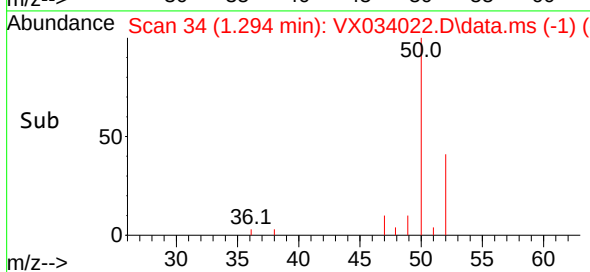
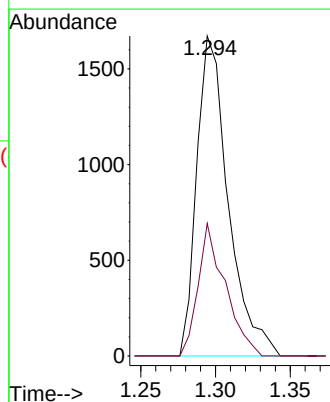
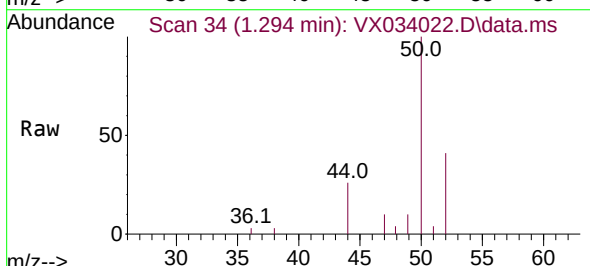
Instrument :
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 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-02

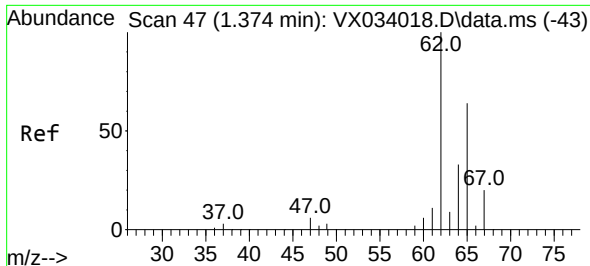
Tgt Ion: 85 Resp: 2628
 Ion Ratio Lower Upper
 85 100
 87 35.4 25.9 38.9



#3
 Chloromethane
 Concen: 2.016 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034022.D
 Acq: 06 Feb 2023 12:59

Tgt Ion: 50 Resp: 2450
 Ion Ratio Lower Upper
 50 100
 52 41.4 22.5 41.7

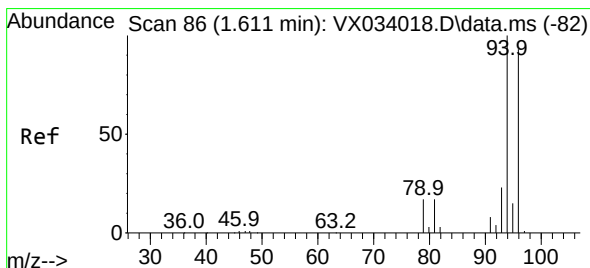
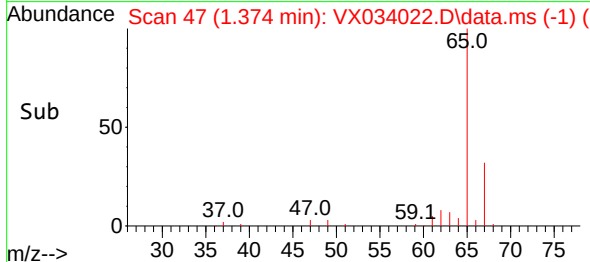
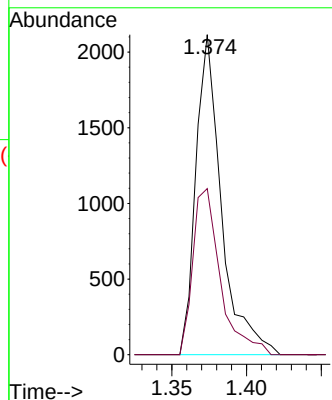
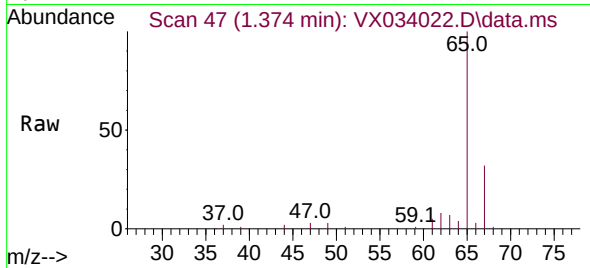




#5
 Vinyl chloride
 Concen: 2.049 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034022.D
 Acq: 06 Feb 2023 12:59

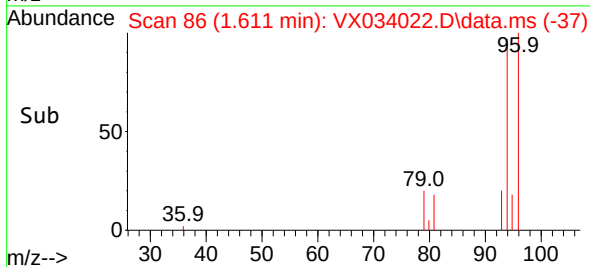
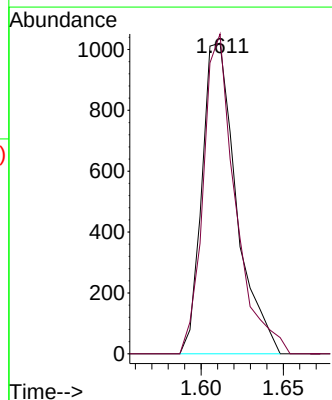
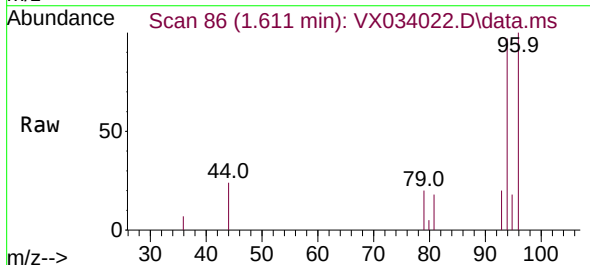
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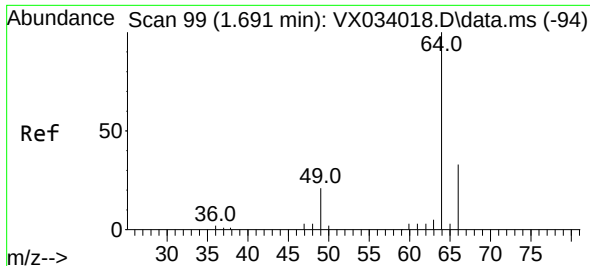
Tgt Ion: 62 Resp: 2518
 Ion Ratio Lower Upper
 62 100
 64 51.9 23.2 43.0#



#6
 Bromomethane
 Concen: 2.340 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX034022.D
 Acq: 06 Feb 2023 12:59

Tgt Ion: 94 Resp: 1491
 Ion Ratio Lower Upper
 94 100
 96 102.9 65.7 122.1

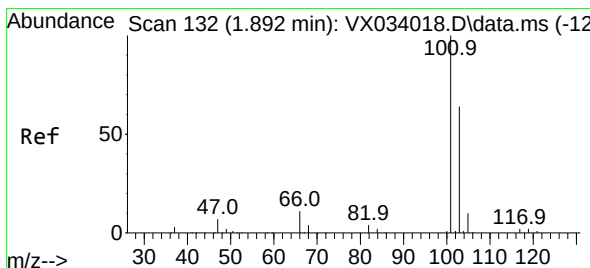
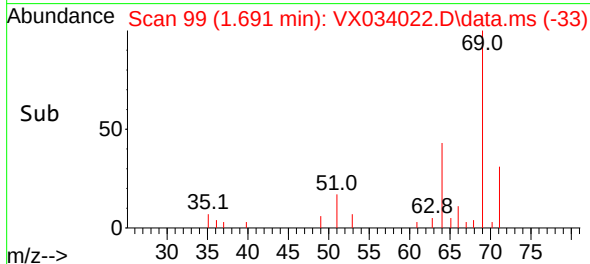
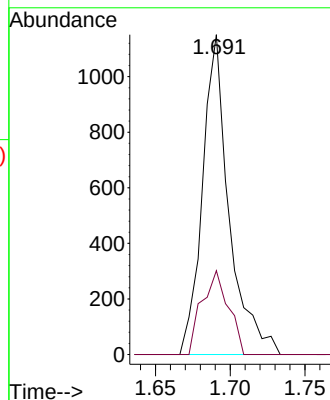
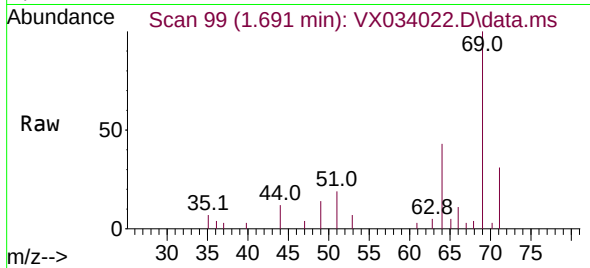




#8
Chloroethane
Concen: 2.180 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

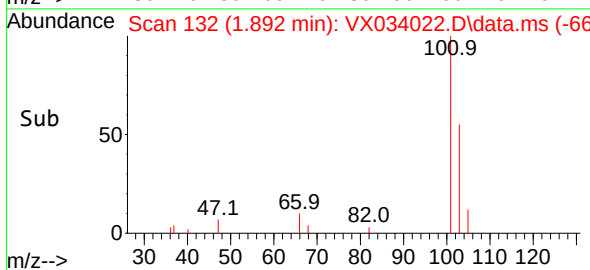
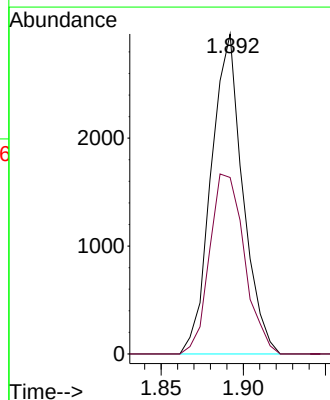
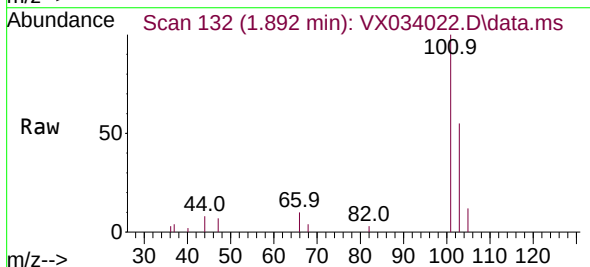
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ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

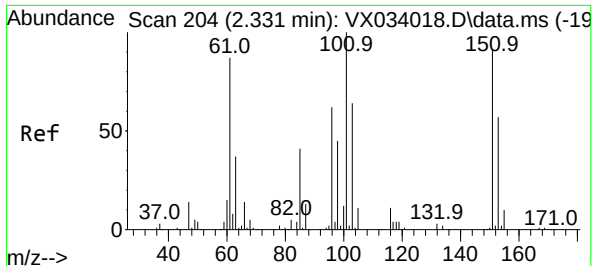
Tgt Ion: 64 Resp: 1424
Ion Ratio Lower Upper
64 100
66 26.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.280 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 101 Resp: 3971
Ion Ratio Lower Upper
101 100
103 61.8 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.896 ug/L

RT: 2.325 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02

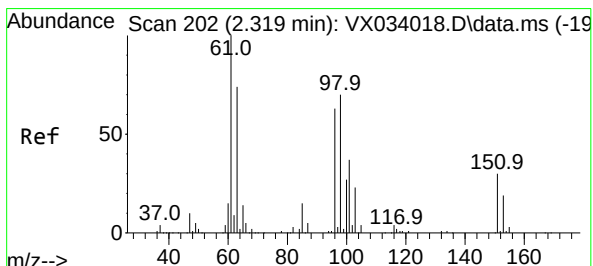
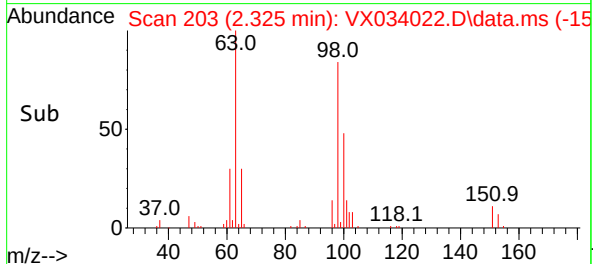
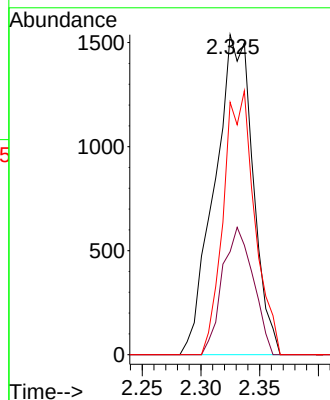
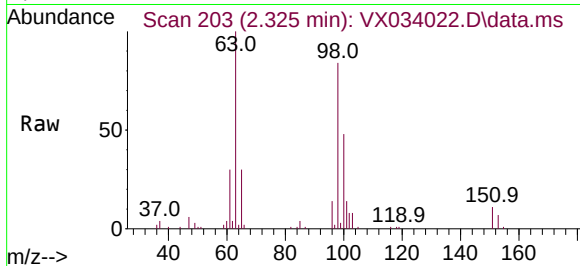
Tgt Ion:101 Resp: 3489

Ion Ratio Lower Upper

101 100

85 32.0 32.2 48.4#

151 67.0 69.3 103.9#



#12

1,1-Dichloroethene

Concen: 2.678 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

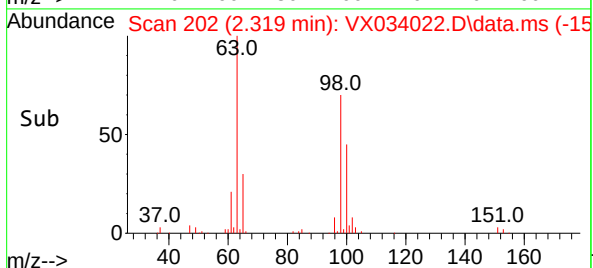
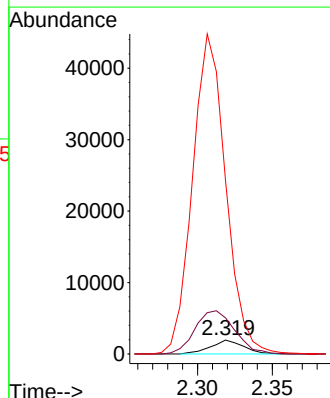
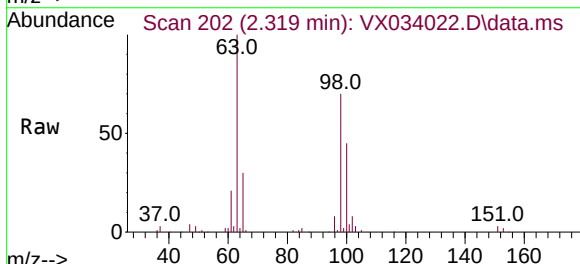
Tgt Ion: 96 Resp: 2951

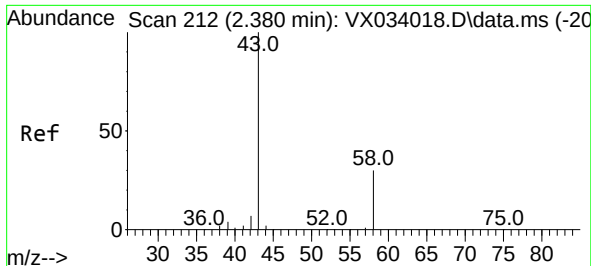
Ion Ratio Lower Upper

96 100

61 260.8 107.6 199.8#

63 1254.4 69.6 129.2#





#13

Acetone

Concen: 4.863 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

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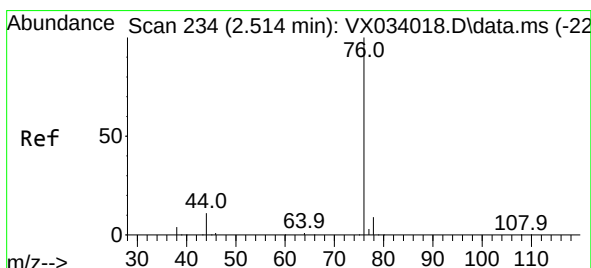
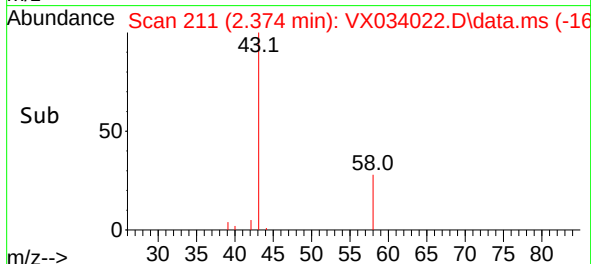
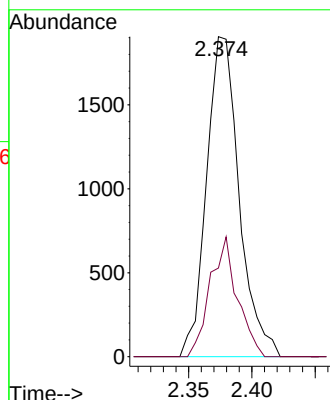
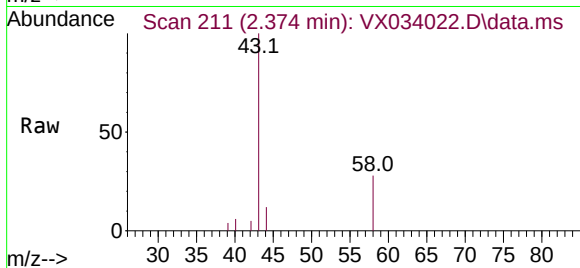
MDL-MED-SOIL-QT1-2023-02

Tgt Ion: 43 Resp: 3419

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.8



#14

Carbon disulfide

Concen: 2.104 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034022.D

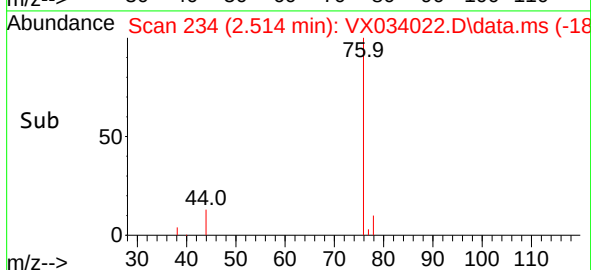
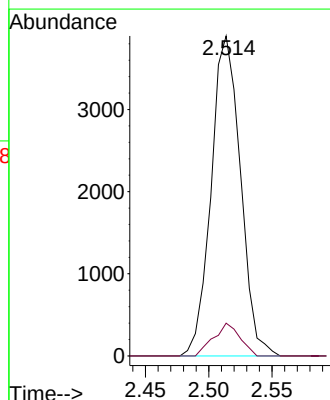
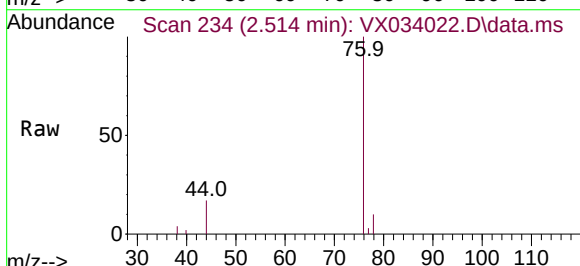
Acq: 06 Feb 2023 12:59

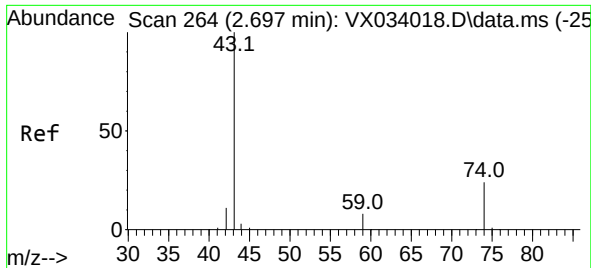
Tgt Ion: 76 Resp: 6275

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2

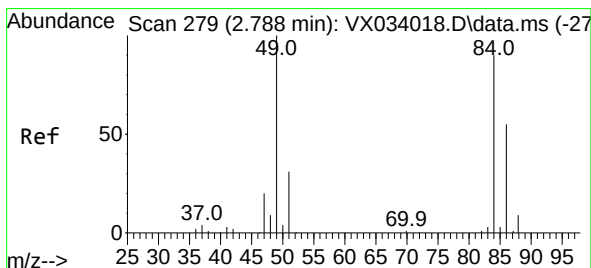
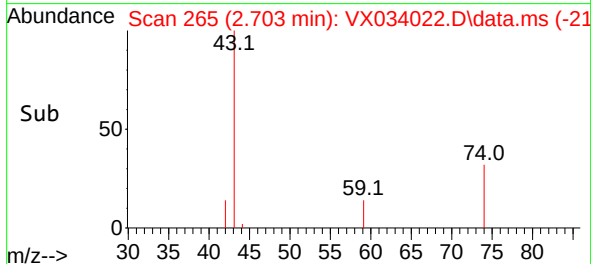
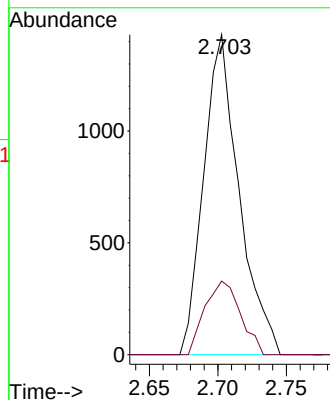
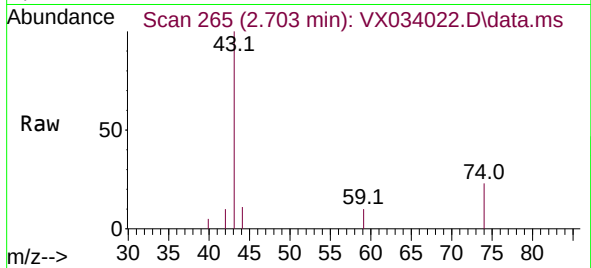




#15
Methyl Acetate
Concen: 2.293 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

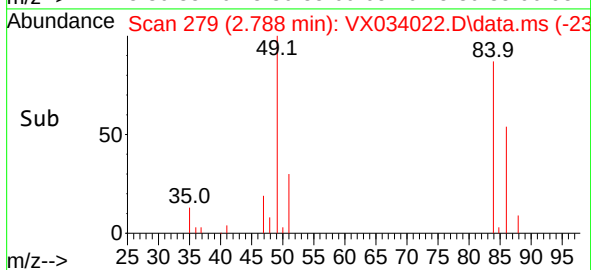
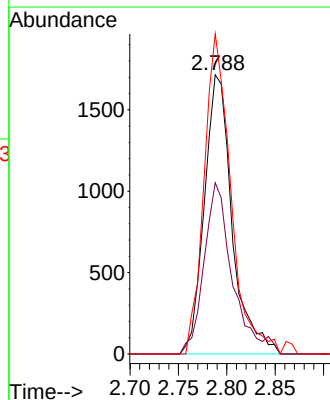
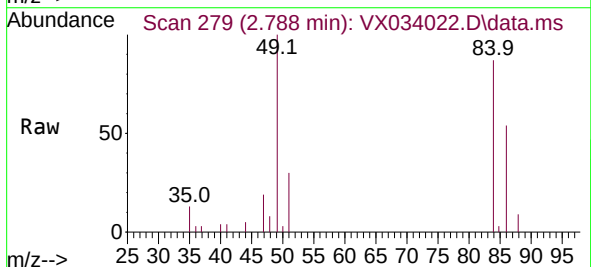
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

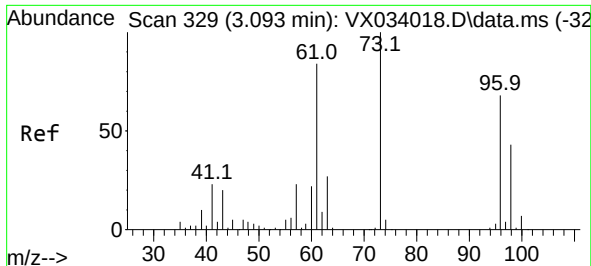
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
74 23.2 19.7 29.5



#16
Methylene chloride
Concen: 2.934 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 84 Resp: 3424
Ion Ratio Lower Upper
84 100
86 61.3 45.2 84.0
49 114.6 82.5 153.1

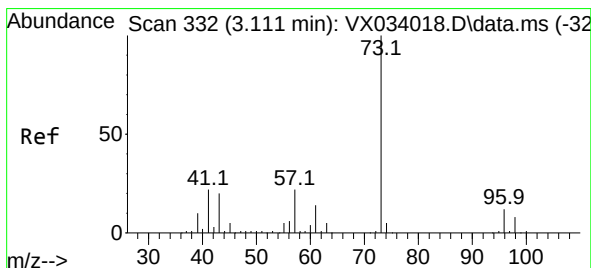
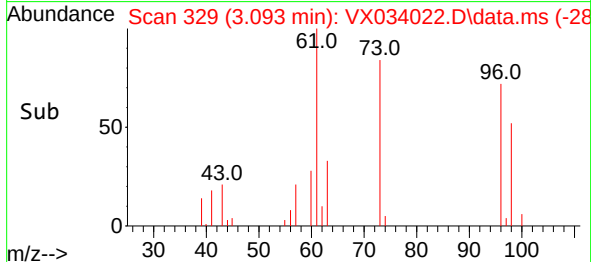
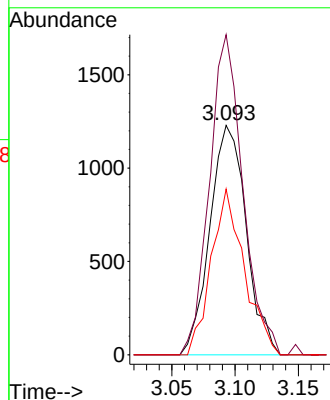
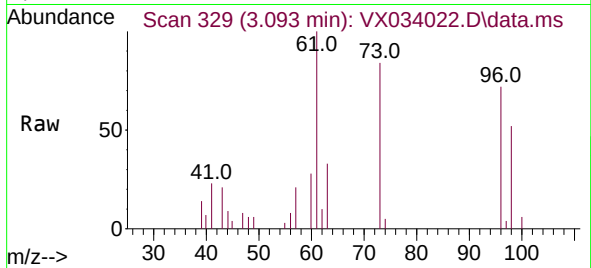




#17
trans-1,2-Dichloroethene
Concen: 2.161 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

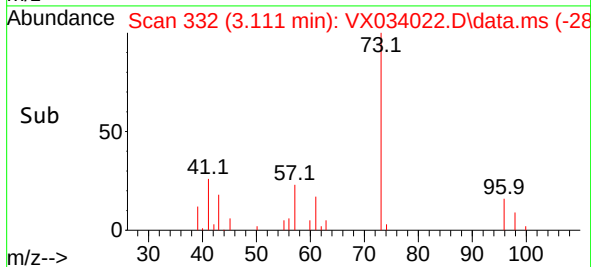
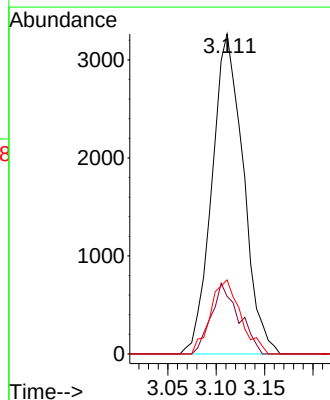
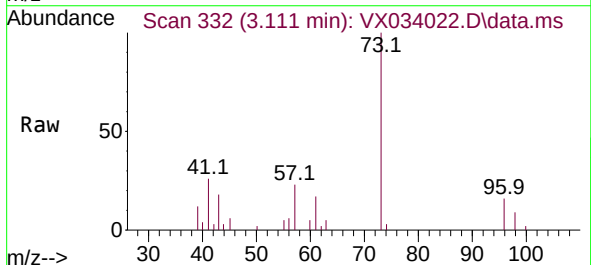
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

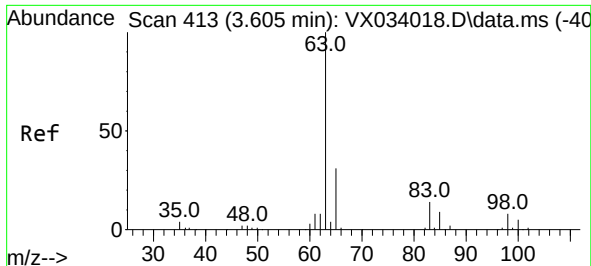
Tgt Ion: 96 Resp: 2458
Ion Ratio Lower Upper
96 100
61 139.5 87.7 162.9
98 72.3 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 2.221 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 73 Resp: 7356
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 2.088 ug/L

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02

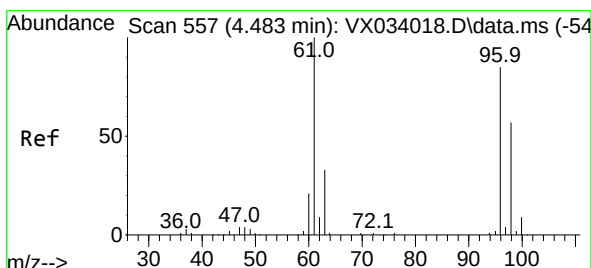
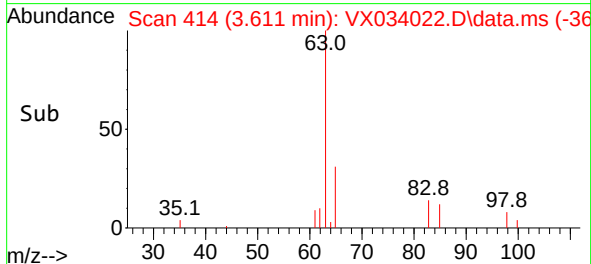
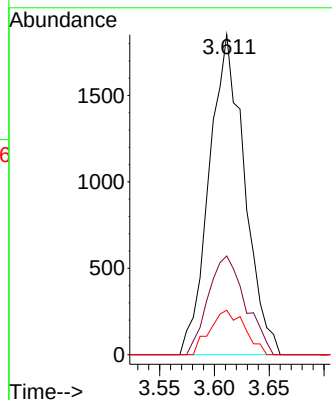
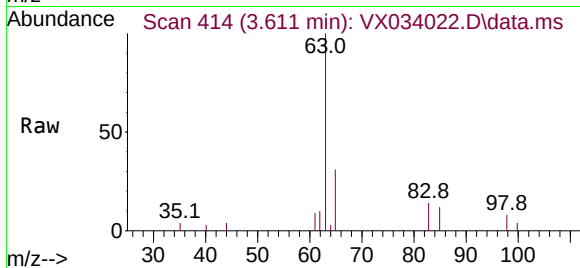
Tgt Ion: 63 Resp: 4146

Ion Ratio Lower Upper

63 100

65 30.8 21.9 40.7

83 13.9 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 2.339 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

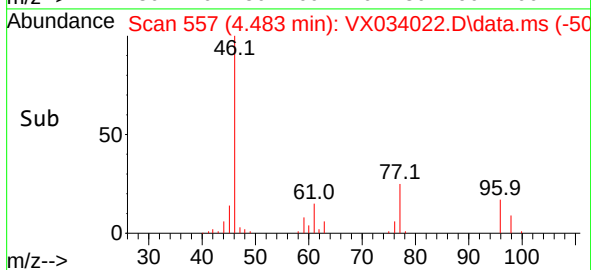
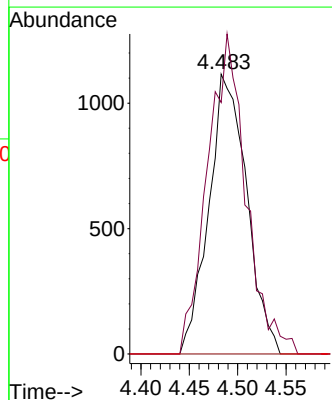
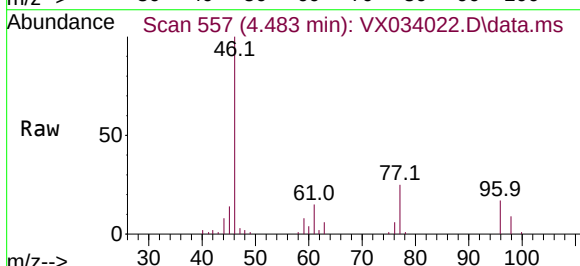
Tgt Ion: 96 Resp: 3041

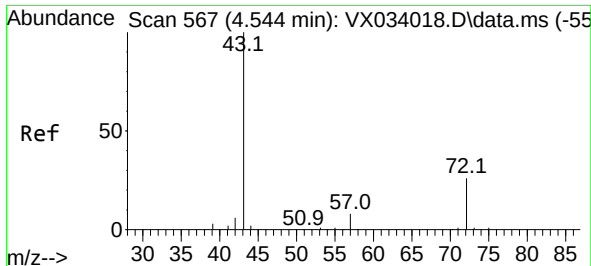
Ion Ratio Lower Upper

96 100

61 89.9 80.3 149.1

68 0.0 0.0 0.0

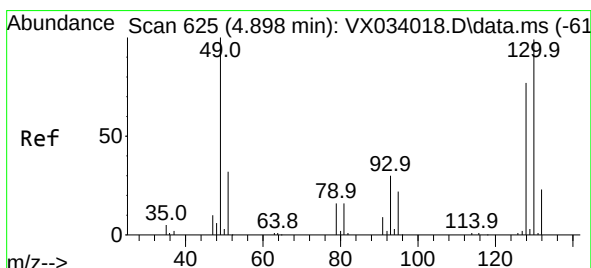
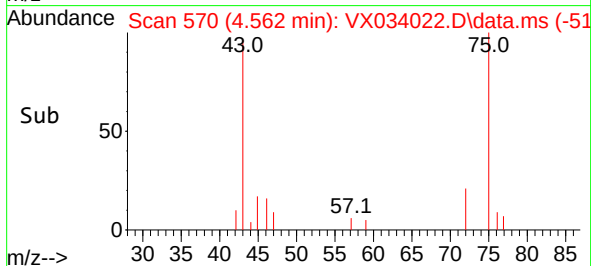
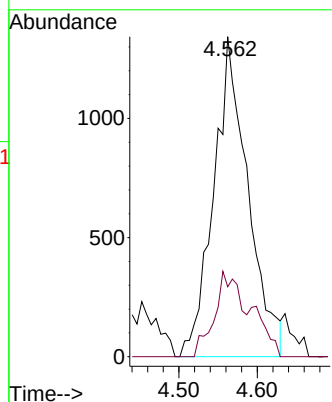
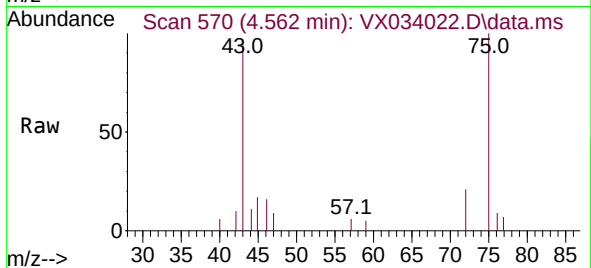




#22
2-Butanone
Concen: 4.682 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

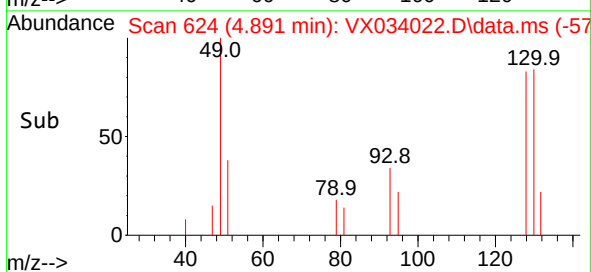
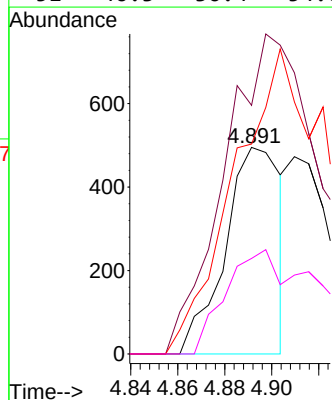
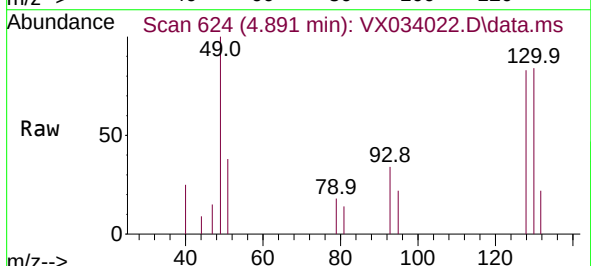
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

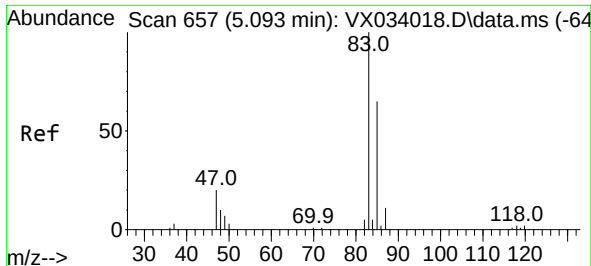
Tgt Ion: 43 Resp: 4090
Ion Ratio Lower Upper
43 100
72 9.9 13.2 39.6#



#23
Bromochloromethane
Concen: 1.148 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 128 Resp: 819
Ion Ratio Lower Upper
128 100
49 120.4 94.7 175.9
130 101.6 91.3 169.6
51 46.3 36.4 54.6

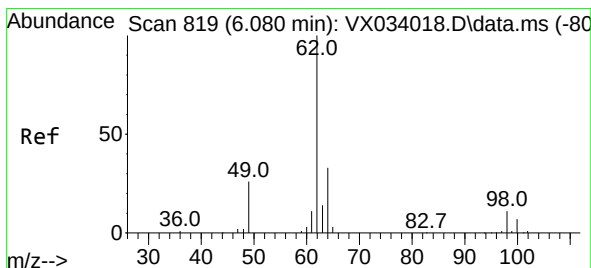
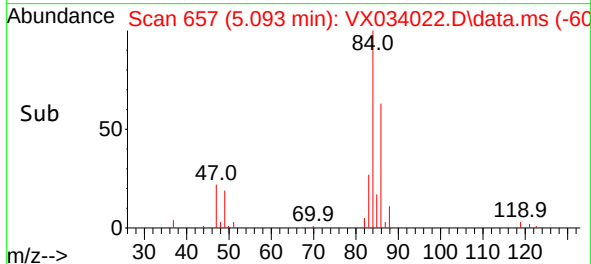
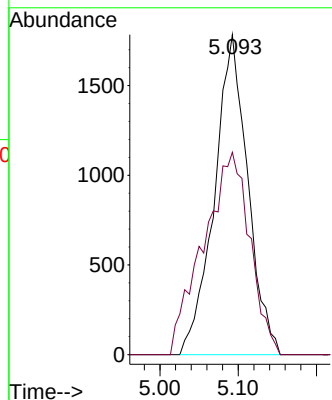
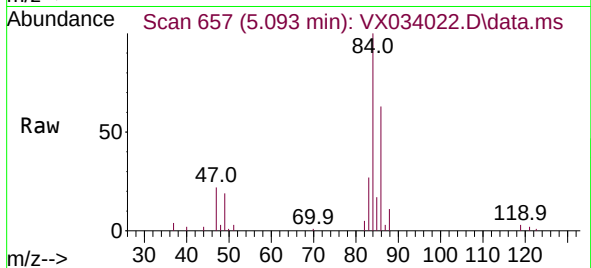




#25
Chloroform
Concen: 2.579 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

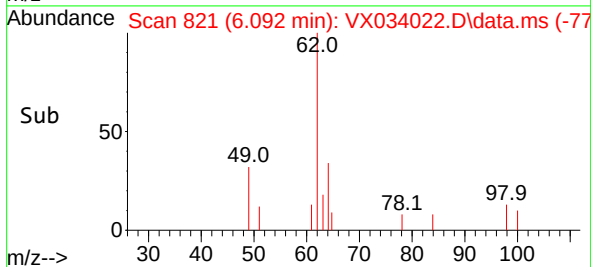
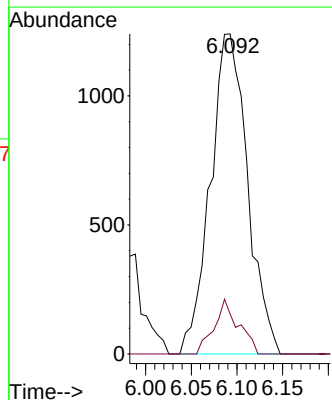
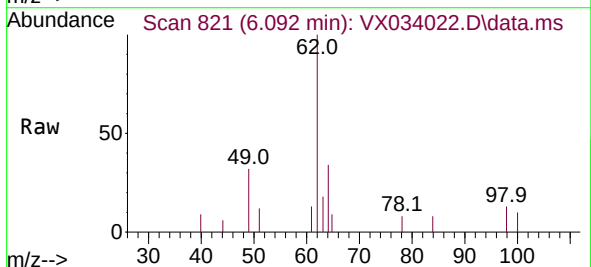
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

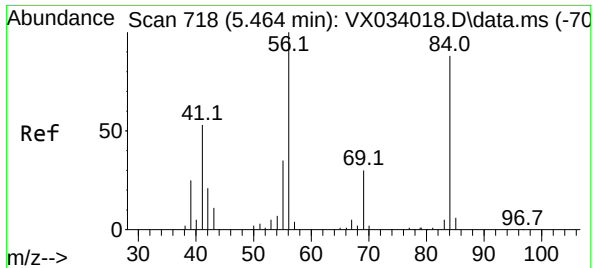
Tgt Ion: 83 Resp: 5287
Ion Ratio Lower Upper
83 100
85 63.2 47.0 87.4



#27
1,2-Dichloroethane
Concen: 2.230 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 62 Resp: 3509
Ion Ratio Lower Upper
62 100
98 12.5 9.1 13.7

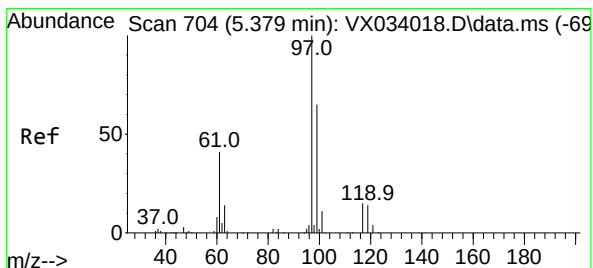
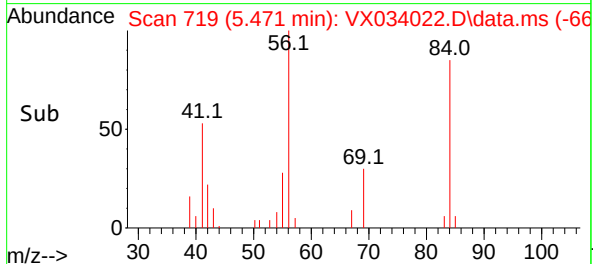
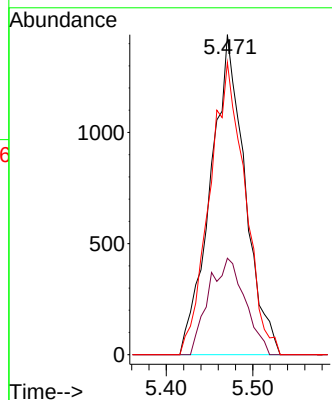
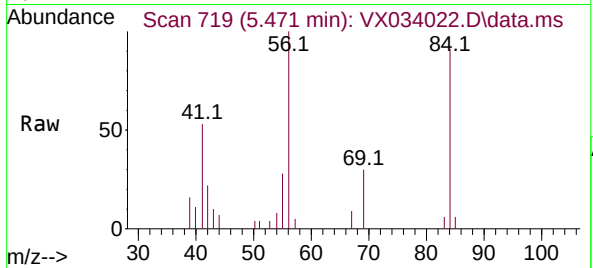




#29
Cyclohexane
Concen: 2.078 ug/L
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

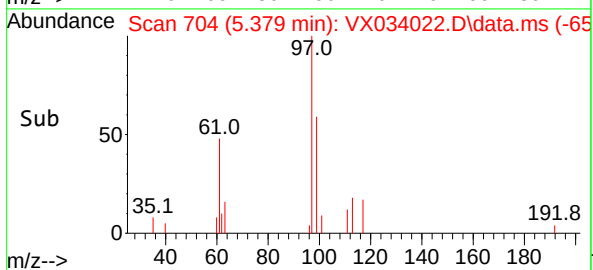
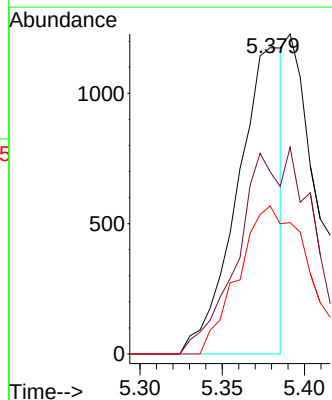
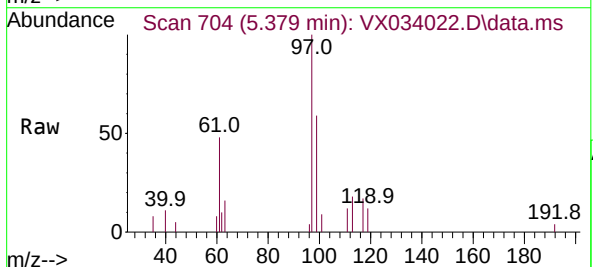
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

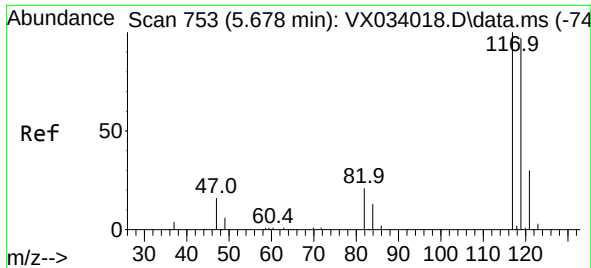
Tgt Ion: 56 Resp: 3966
Ion Ratio Lower Upper
56 100
69 21.0 24.8 37.2#
84 94.3 73.2 109.8



#30
1,1,1-Trichloroethane
Concen: 1.282 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 97 Resp: 2261
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.8
61 73.7 34.7 52.1#

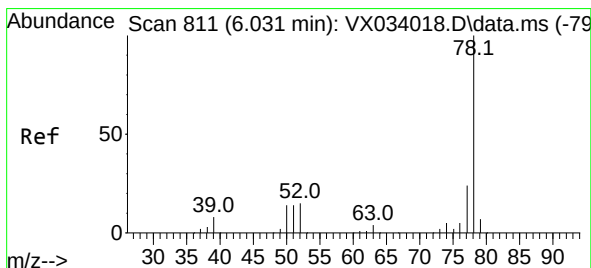
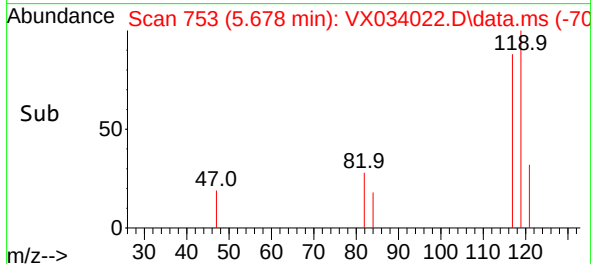
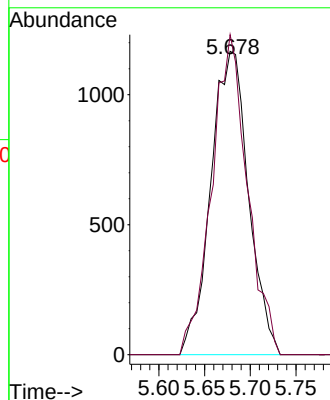
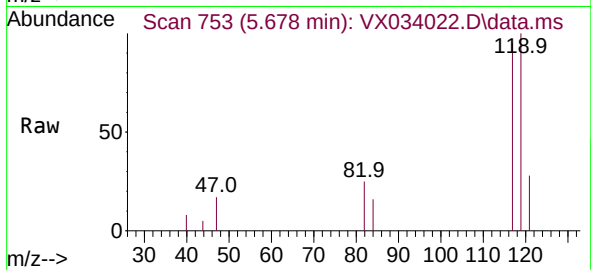




#31
Carbon tetrachloride
Concen: 2.046 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

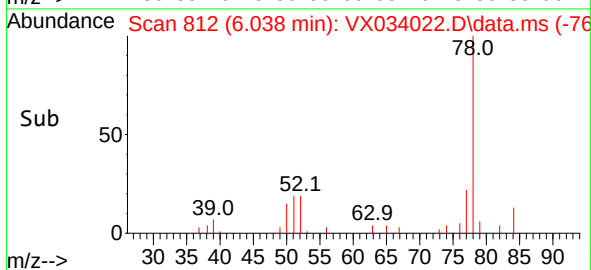
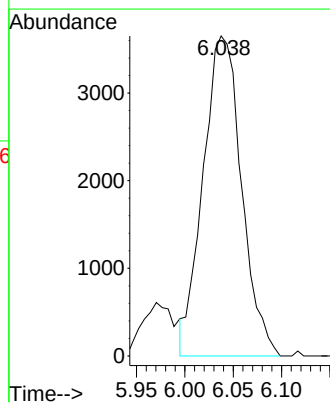
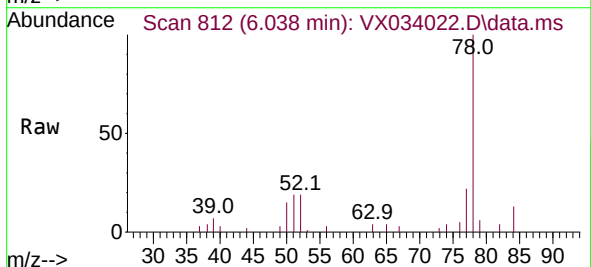
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

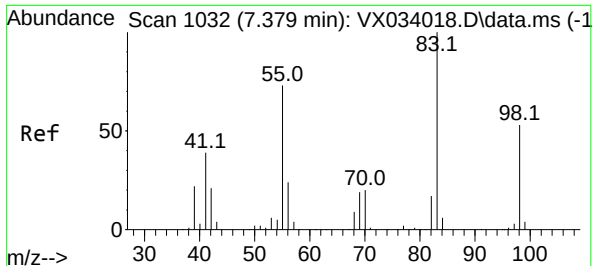
Tgt Ion:117 Resp: 3357
Ion Ratio Lower Upper
117 100
119 99.4 77.1 115.7



#33
Benzene
Concen: 2.172 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 78 Resp: 10082

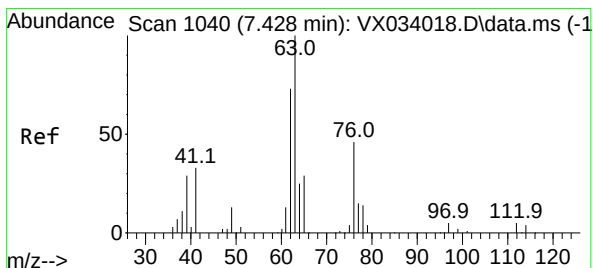
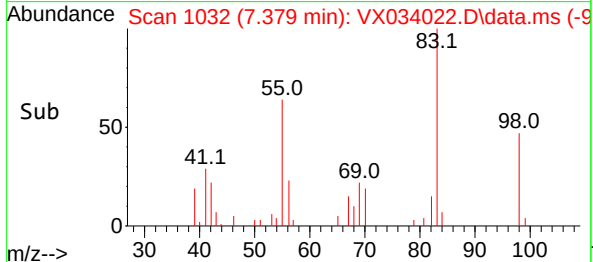
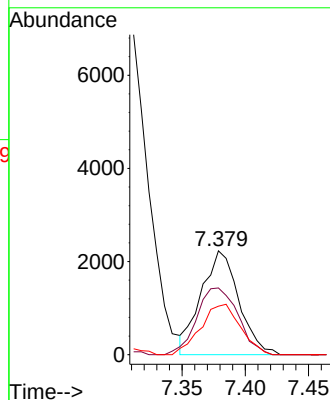
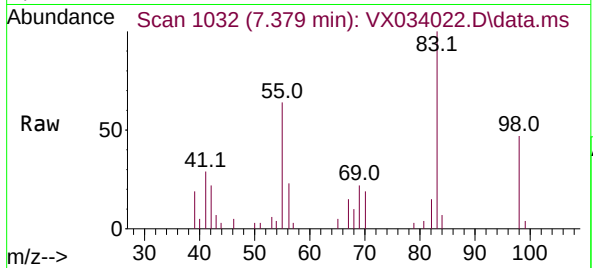




#35
Methylcyclohexane
Concen: 2.305 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

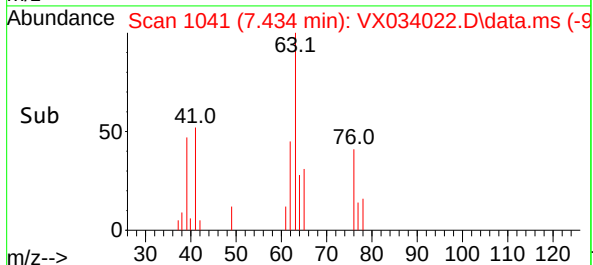
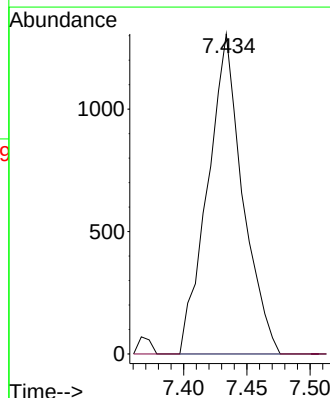
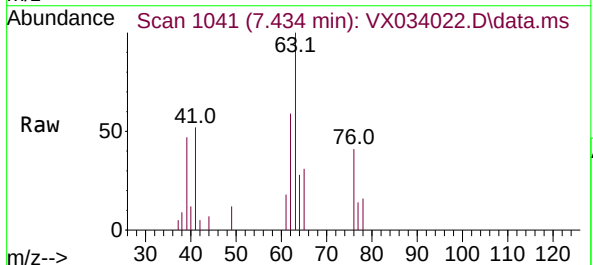
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

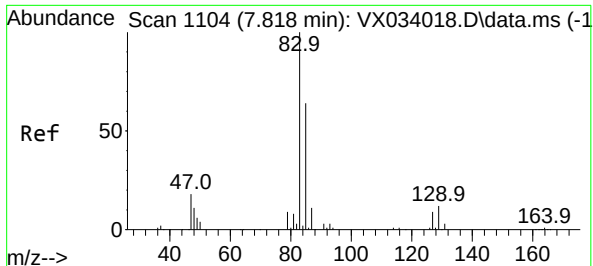
Tgt Ion: 83	Resp:	4623	
Ion	Ratio	Lower	Upper
83	100		
55	70.4	59.0	88.4
98	51.1	40.6	60.8



#37
1,2-Dichloropropane
Concen: 2.125 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 63	Resp:	2512	
Ion Ratio	Lower	Upper	
63 100			
112 0.0	4.1	6.1#	

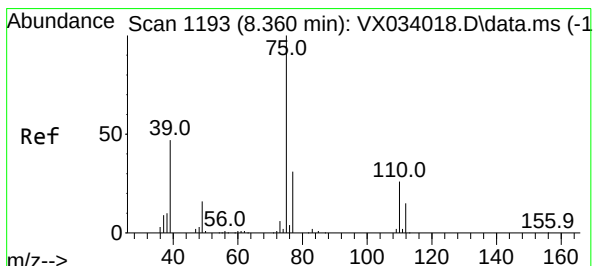
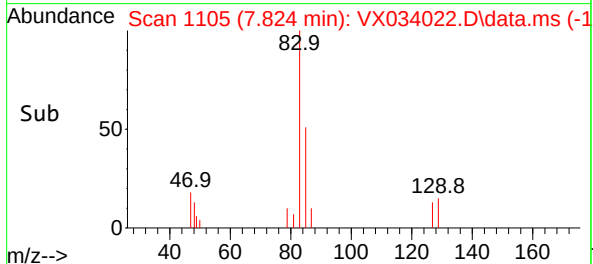
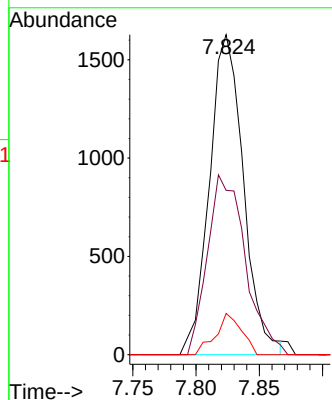
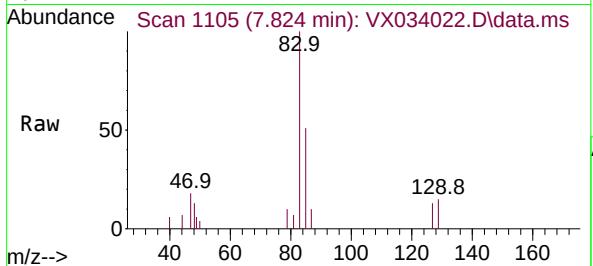




#38
Bromodichloromethane
Concen: 2.027 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

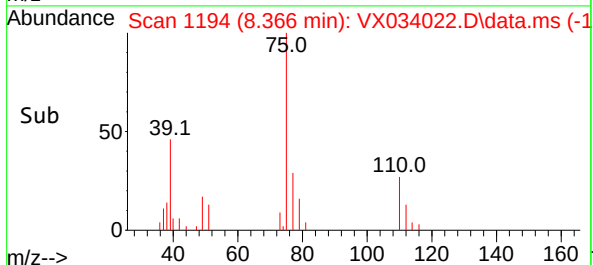
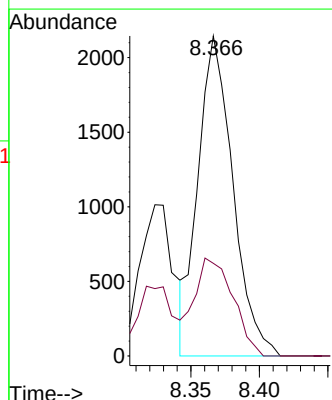
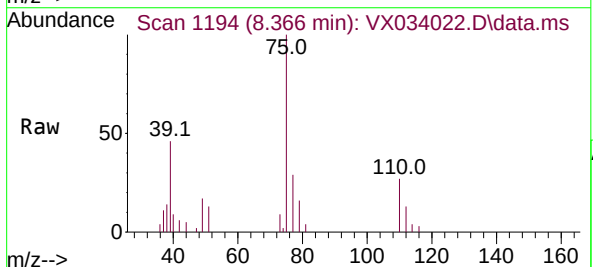
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

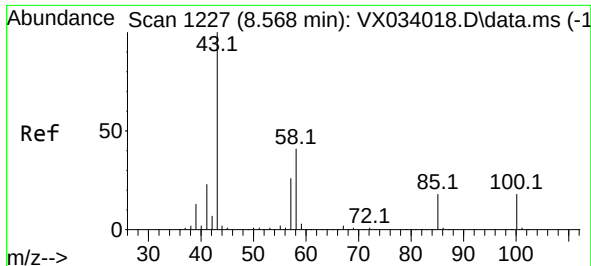
Tgt Ion: 83 Resp: 3046
Ion Ratio Lower Upper
83 100
85 51.4 46.3 85.9
127 12.9 7.4 11.0#



#39
cis-1,3-Dichloropropene
Concen: 2.085 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 75 Resp: 3783
Ion Ratio Lower Upper
75 100
77 29.0 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 4.295 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02

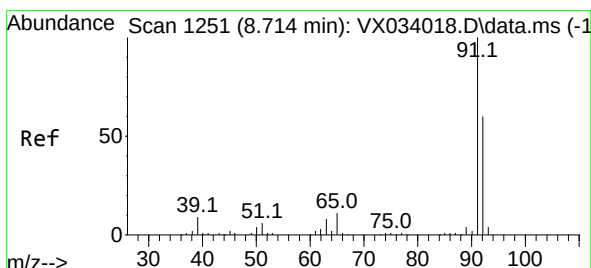
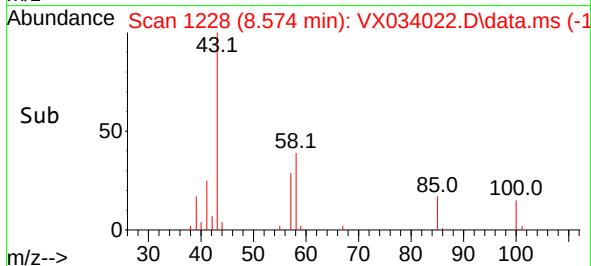
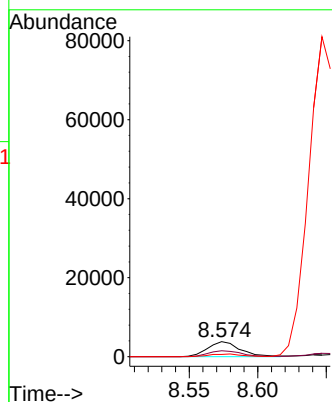
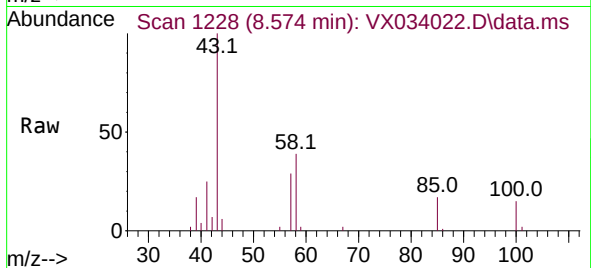
Tgt Ion: 43 Resp: 6247

Ion Ratio Lower Upper

43 100

58 40.7 31.9 47.9

100 18.2 14.4 21.6



#42

Toluene

Concen: 2.188 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034022.D

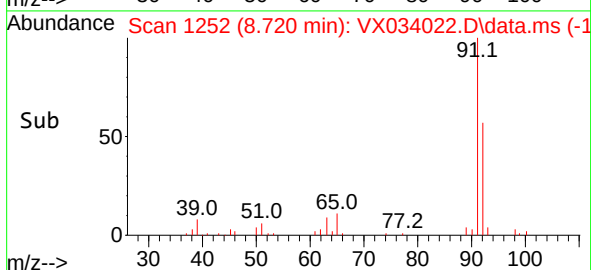
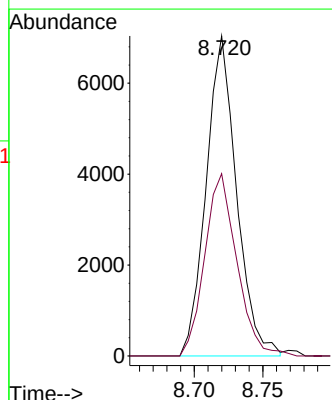
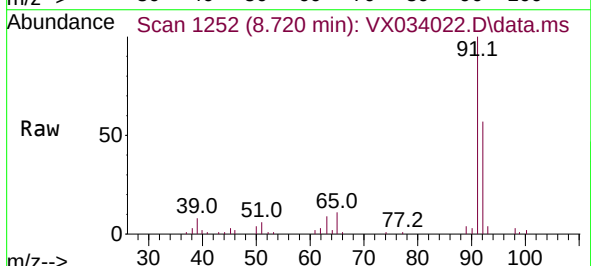
Acq: 06 Feb 2023 12:59

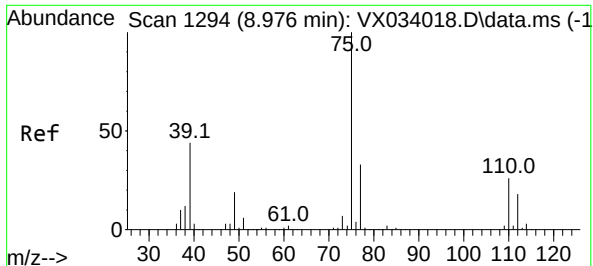
Tgt Ion: 91 Resp: 10860

Ion Ratio Lower Upper

91 100

92 57.0 41.6 77.3

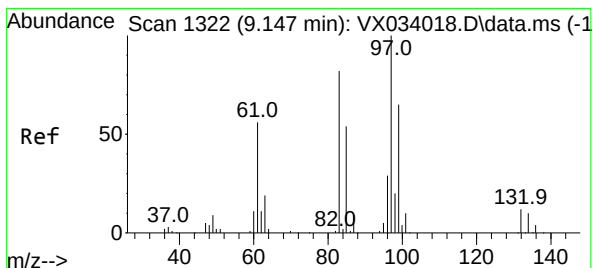
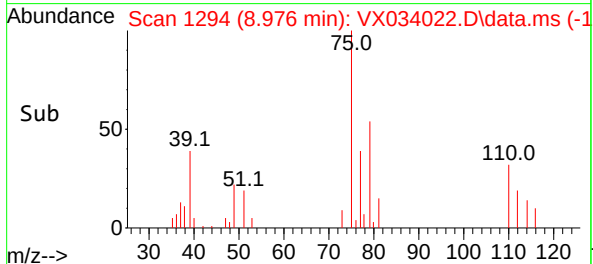
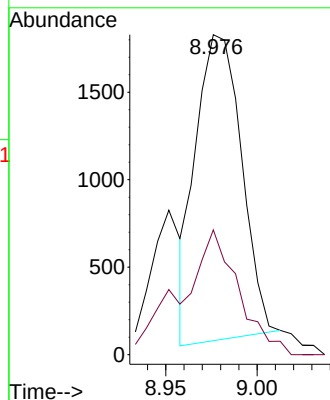
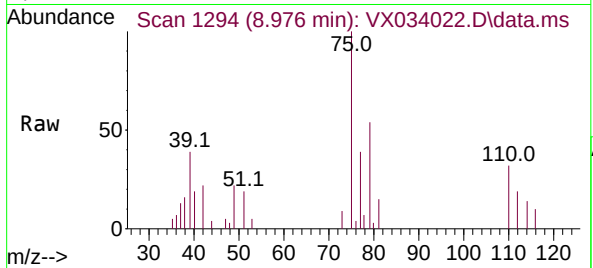




#44
trans-1,3-Dichloropropene
Concen: 1.878 ug/L
RT: 8.976 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

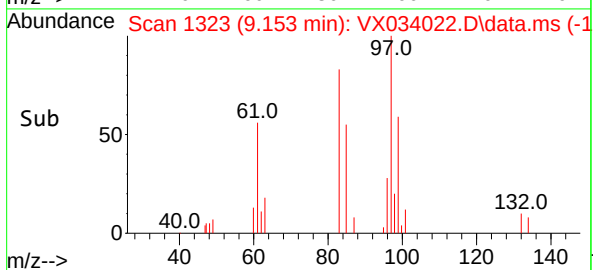
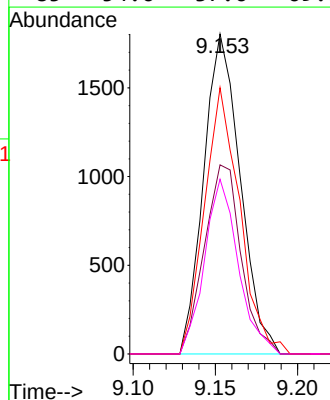
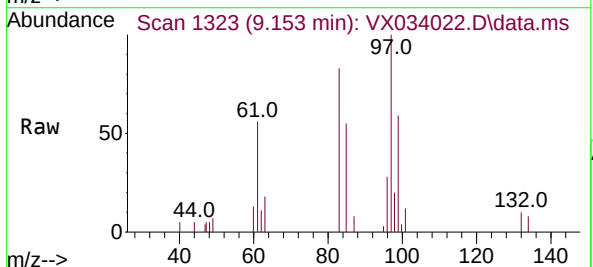
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

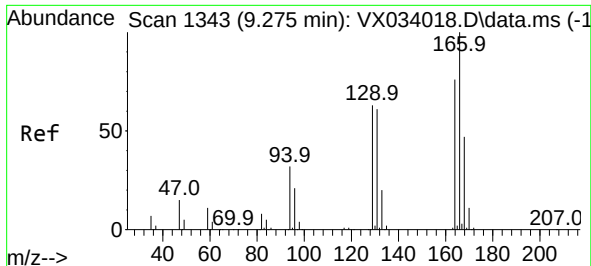
Tgt Ion: 75 Resp: 3032
Ion Ratio Lower Upper
75 100
77 39.0 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 2.325 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

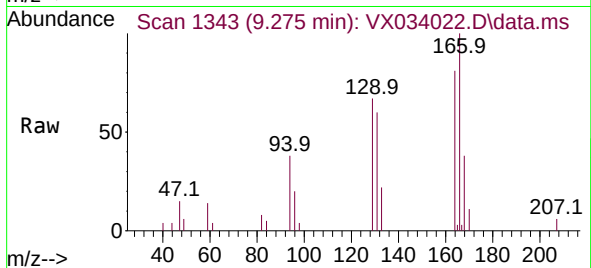
Tgt Ion: 97 Resp: 2782
Ion Ratio Lower Upper
97 100
99 59.1 43.5 80.9
83 83.2 56.8 105.4
85 54.6 37.6 69.8



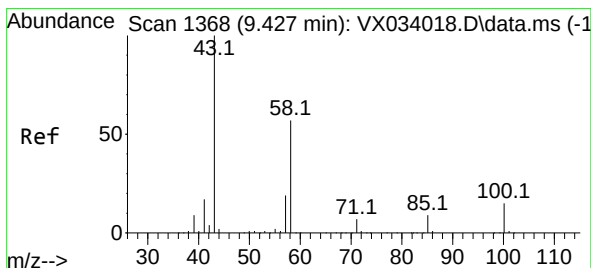
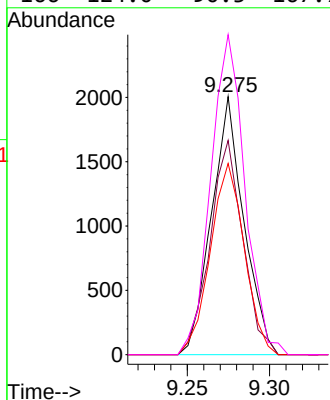
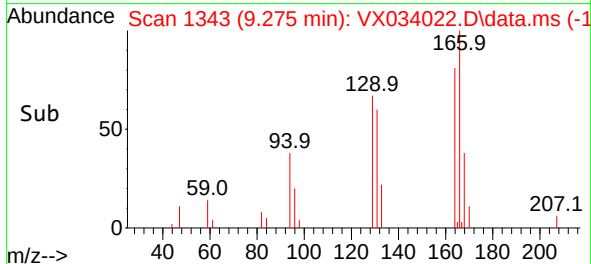


#46
Tetrachloroethene
Concen: 2.274 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

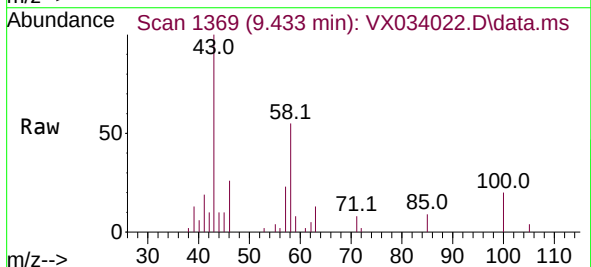
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



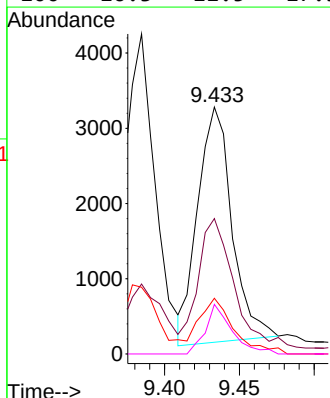
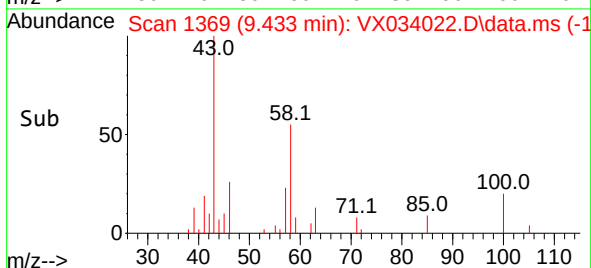
Tgt Ion:164 Resp: 2746
Ion Ratio Lower Upper
164 100
129 83.0 59.3 110.1
131 74.0 56.1 104.3
166 124.0 90.3 167.7

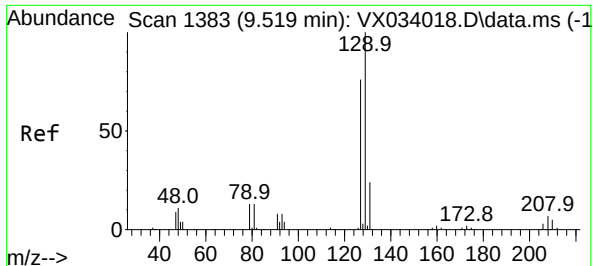


#48
2-Hexanone
Concen: 4.298 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59



Tgt Ion: 43 Resp: 4982
Ion Ratio Lower Upper
43 100
58 60.5 45.7 68.5
57 23.7 15.8 23.8
100 16.3 11.5 17.3





#49

Dibromochloromethane

Concen: 2.032 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

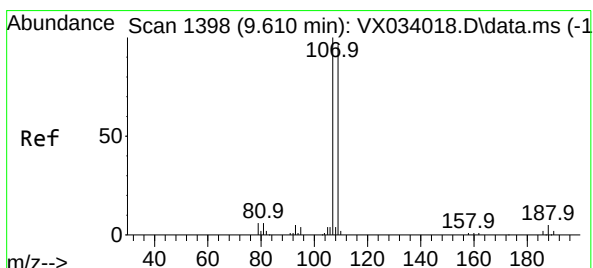
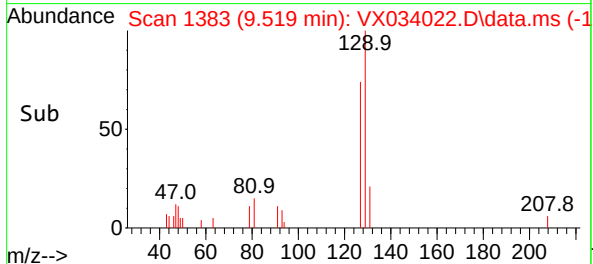
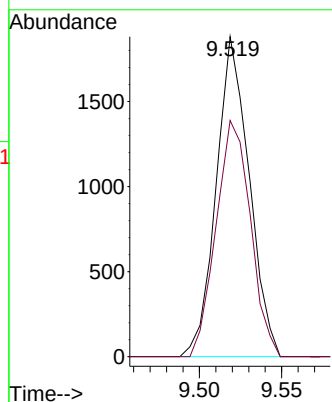
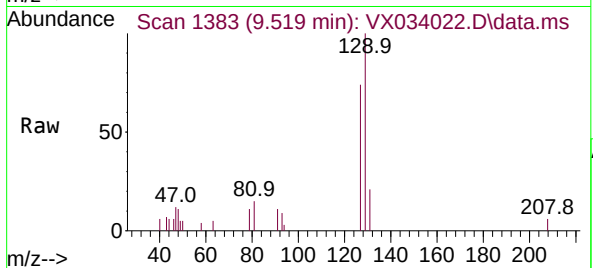
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:129 Resp: 2623

Ion Ratio Lower Upper

129 100

127 73.8 53.3 98.9



#50

1,2-Dibromoethane

Concen: 2.189 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

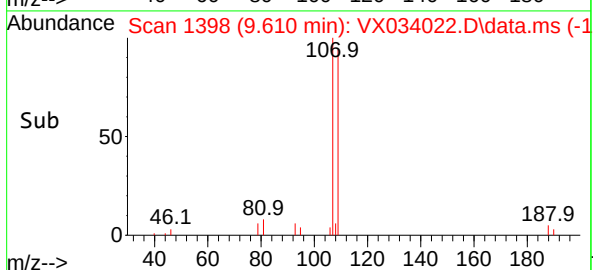
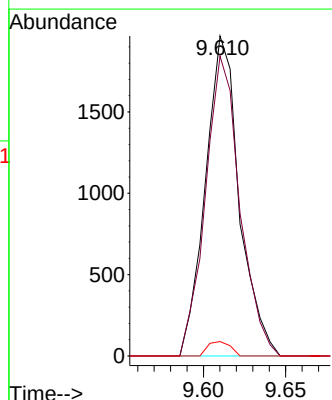
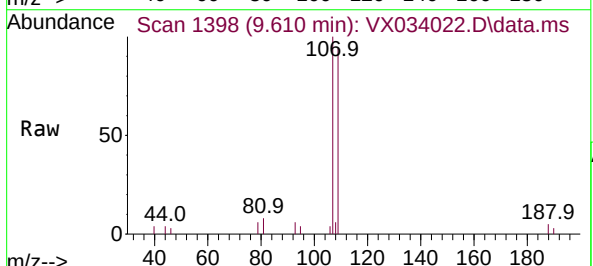
Tgt Ion:107 Resp: 2815

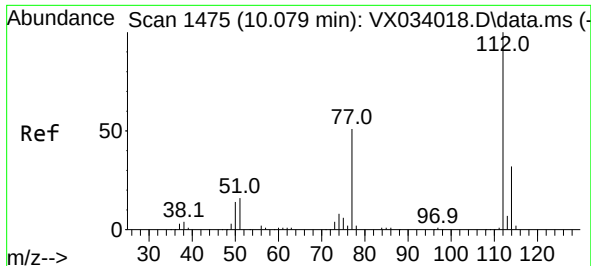
Ion Ratio Lower Upper

107 100

109 93.7 64.9 120.5

188 4.5 3.3 4.9

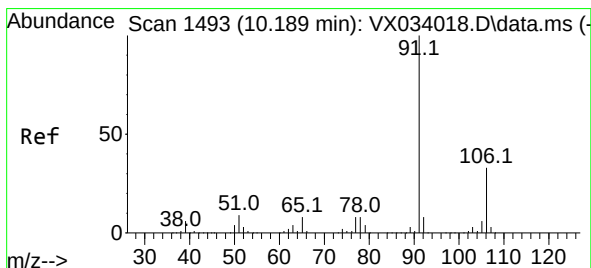
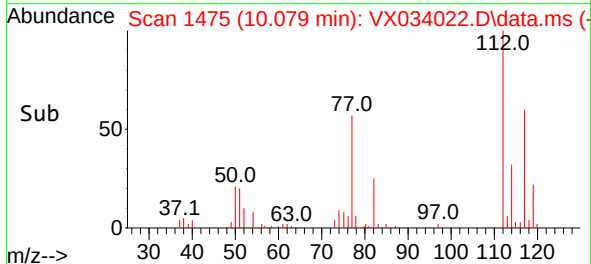
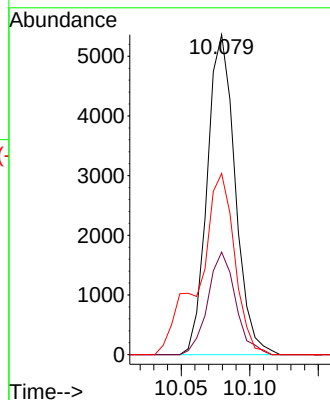
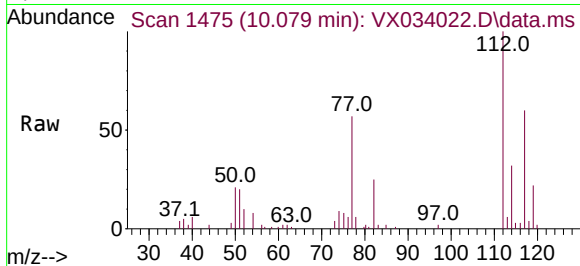




#51
Chlorobenzene
Concen: 2.269 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

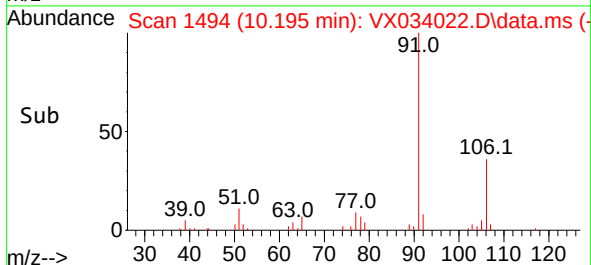
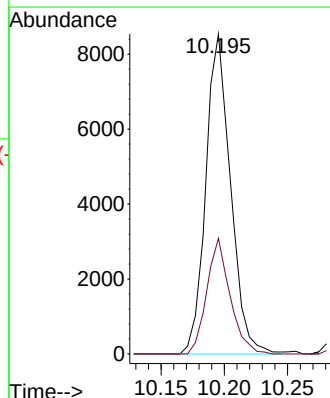
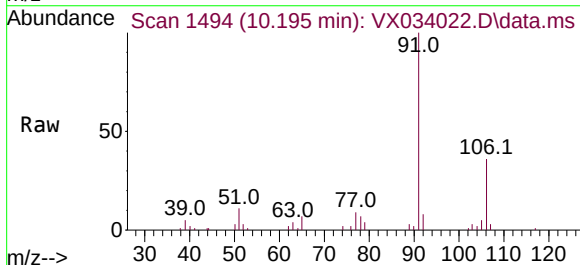
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

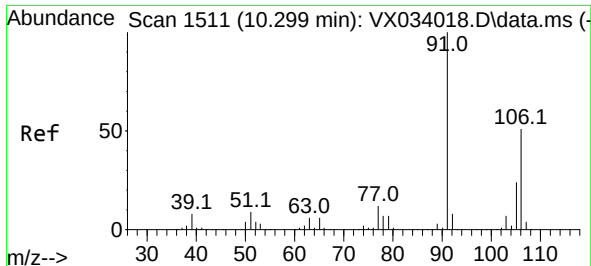
Tgt Ion:	112	Resp:	7609
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	56.6	43.4	65.0



#52
Ethylbenzene
Concen: 2.130 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:	91	Resp:	11622
Ion	Ratio	Lower	Upper
91	100		
106	36.1	23.2	43.0

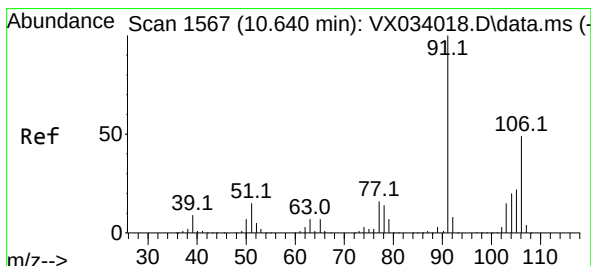
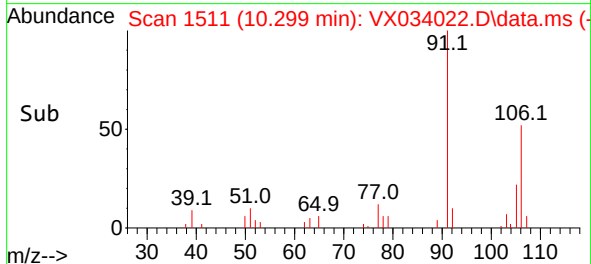
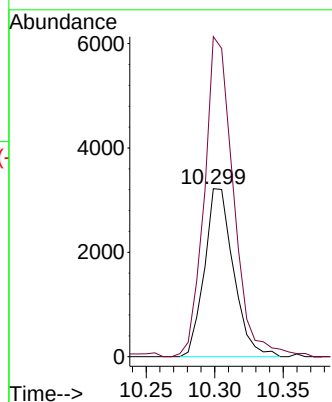
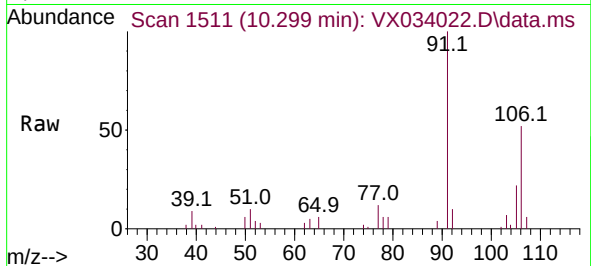




#53
m,p-Xylene
Concen: 2.167 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

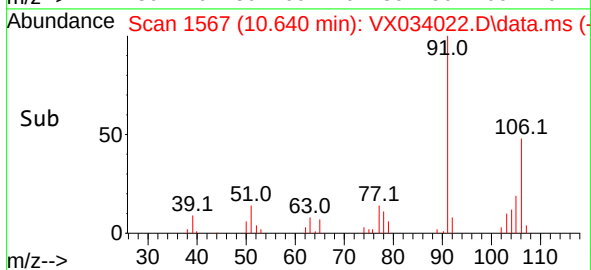
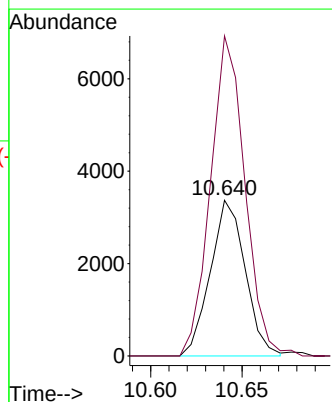
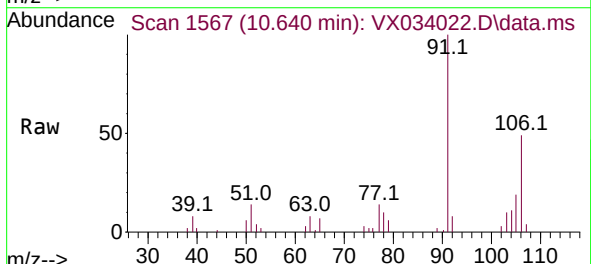
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

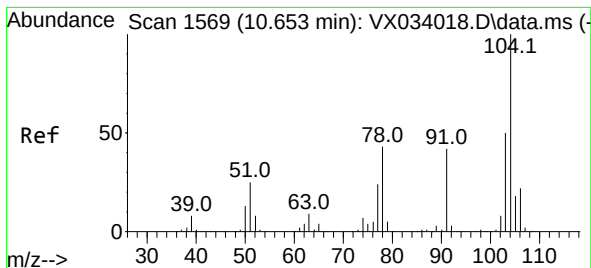
Tgt Ion:106 Resp: 4746
Ion Ratio Lower Upper
106 100
91 190.5 135.2 251.0



#54
o-Xylene
Concen: 2.117 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:106 Resp: 4479
Ion Ratio Lower Upper
106 100
91 205.5 140.2 260.4





#55

Styrene

Concen: 2.030 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

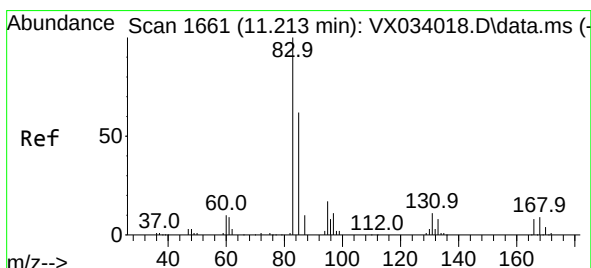
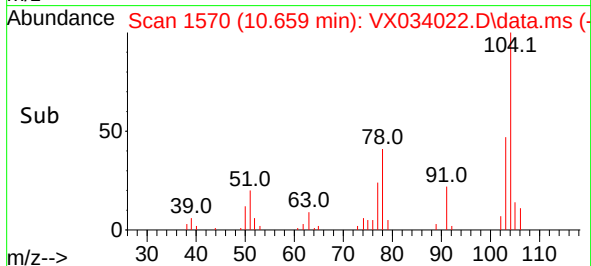
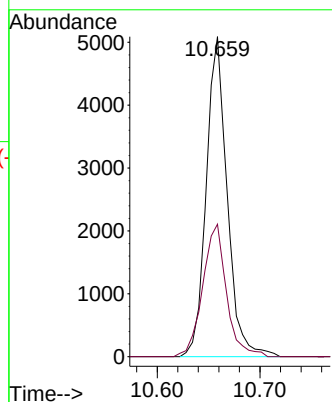
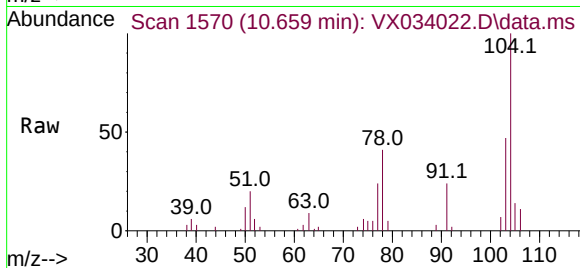
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:104 Resp: 7207

Ion Ratio Lower Upper

104 100

78 41.4 30.0 55.8



#57

1,1,2,2-Tetrachloroethane

Concen: 2.747 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

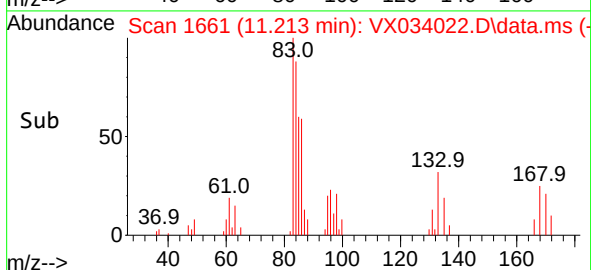
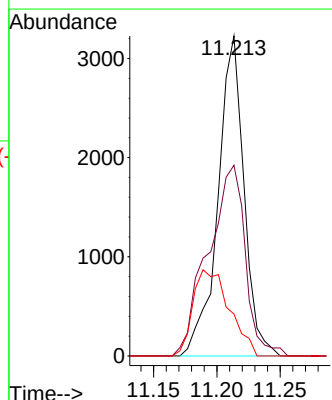
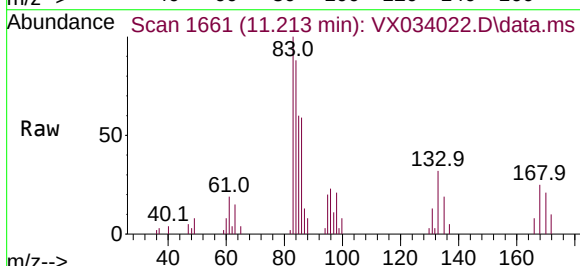
Tgt Ion: 83 Resp: 4620

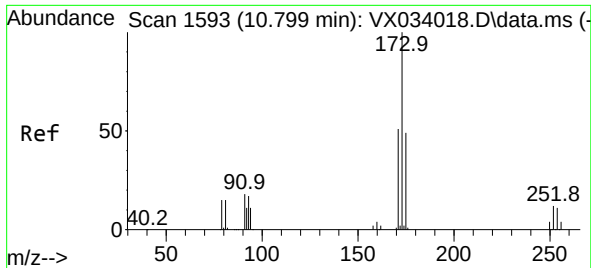
Ion Ratio Lower Upper

83 100

85 59.6 45.8 85.0

131 13.1 9.1 13.7

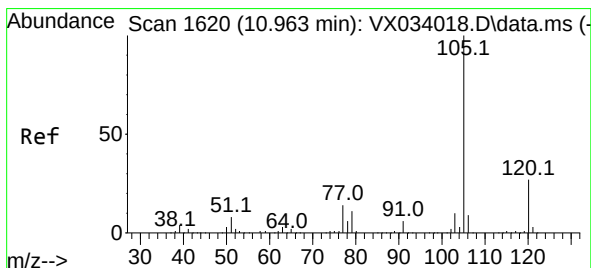
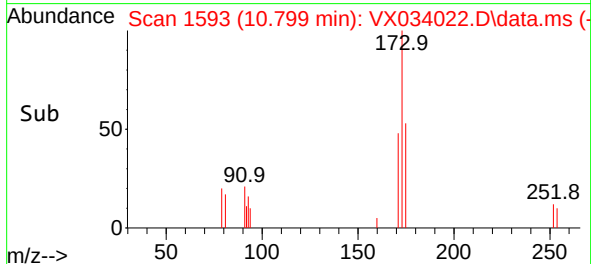
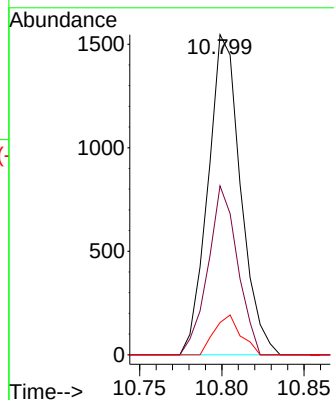
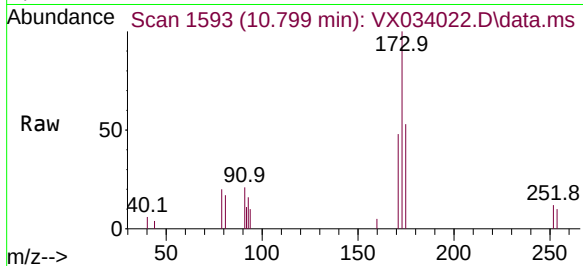




#59
Bromoform
Concen: 2.092 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

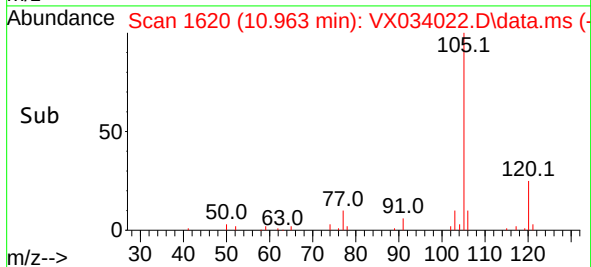
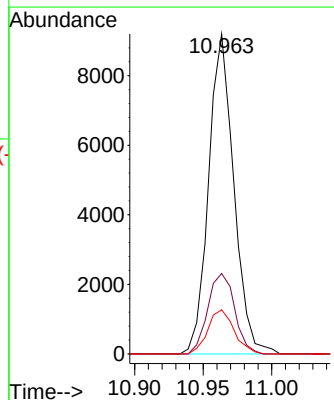
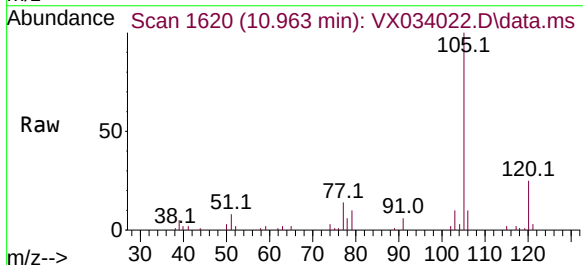
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

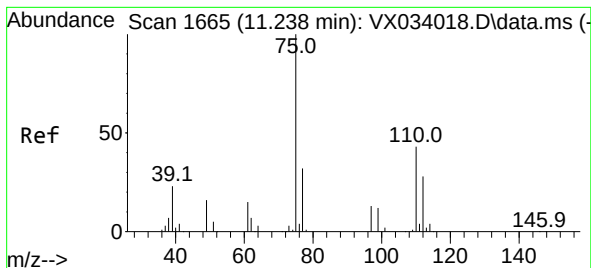
Tgt Ion:	173	Resp:	2135
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.3	57.5
254	10.0	9.1	13.7



#60
Isopropylbenzene
Concen: 2.146 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:	105	Resp:	11761
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.8	32.6
77	14.4	11.3	16.9

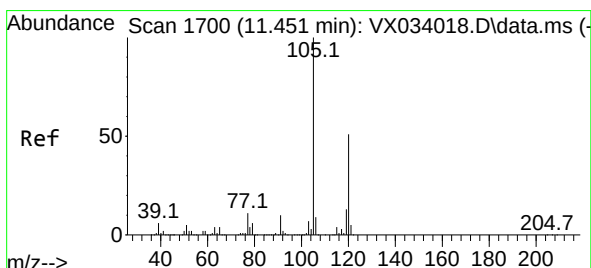
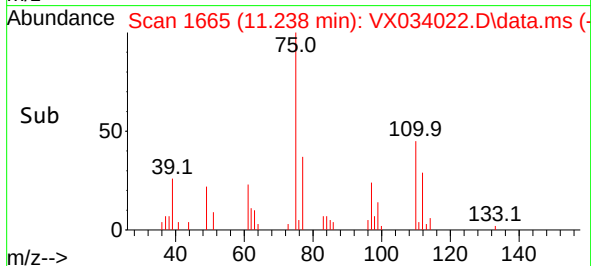
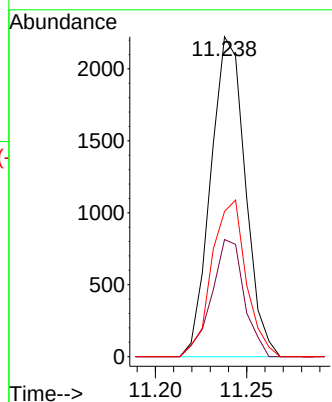
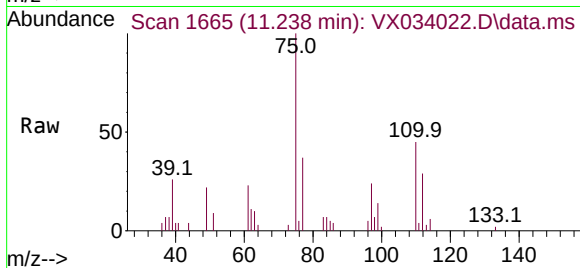




#61
1,2,3-Trichloropropane
Concen: 2.297 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

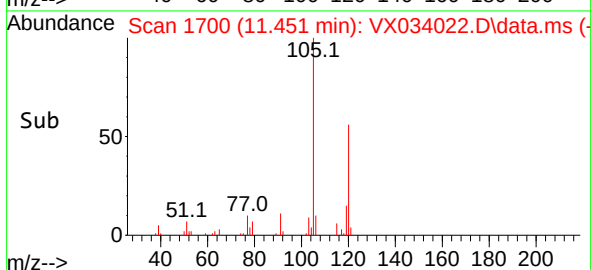
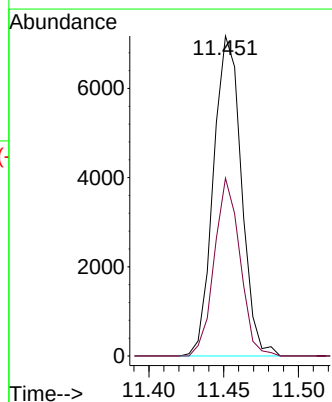
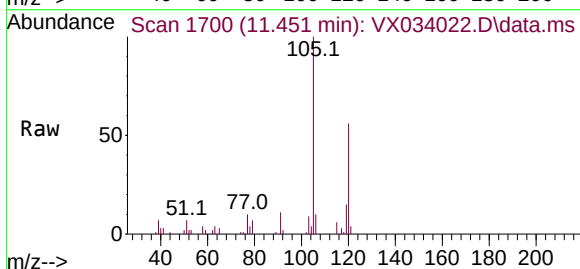
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2023-02

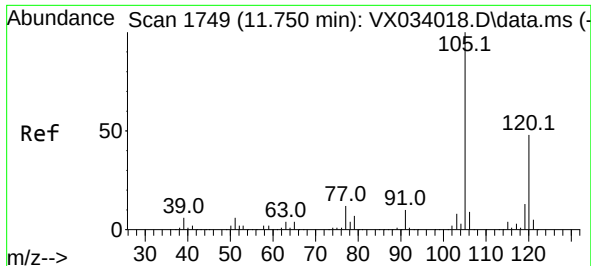
Tgt Ion: 75 Resp: 2925
Ion Ratio Lower Upper
75 100
77 34.6 26.1 39.1
110 48.5 34.2 51.4



#62
1,3,5-Trimethylbenzene
Concen: 2.080 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 105 Resp: 9329
Ion Ratio Lower Upper
105 100
120 50.9 41.3 61.9





#63

1,2,4-Trimethylbenzene

Concen: 2.027 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

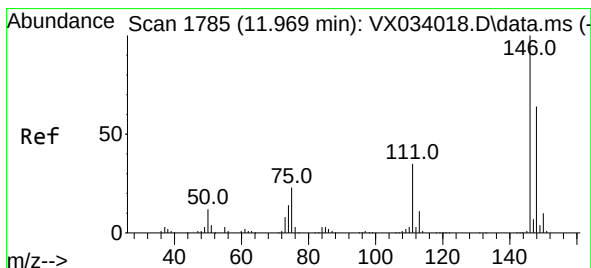
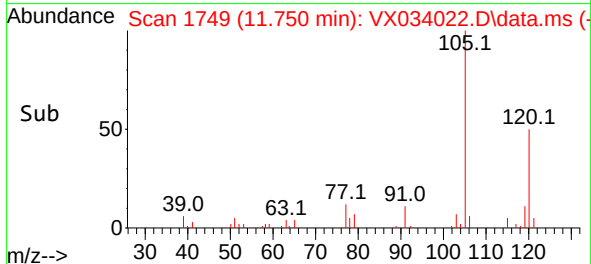
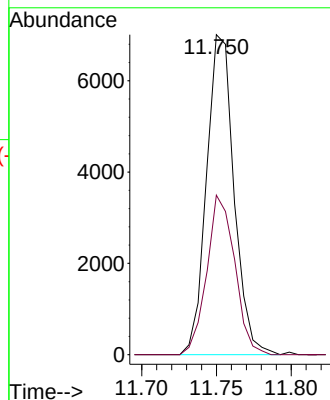
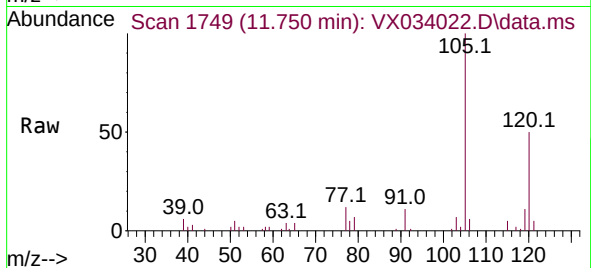
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:105 Resp: 8962

Ion Ratio Lower Upper

105 100

120 50.6 38.5 57.7



#64

1,3-Dichlorobenzene

Concen: 2.267 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034022.D

Acq: 06 Feb 2023 12:59

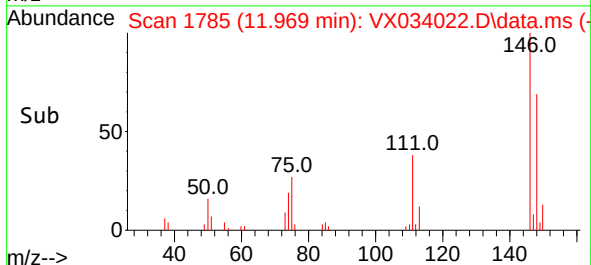
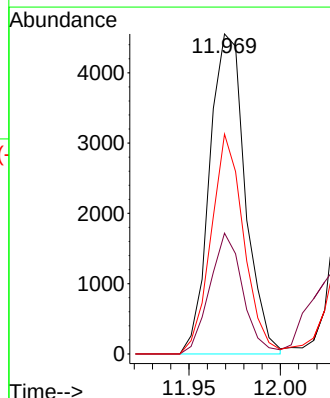
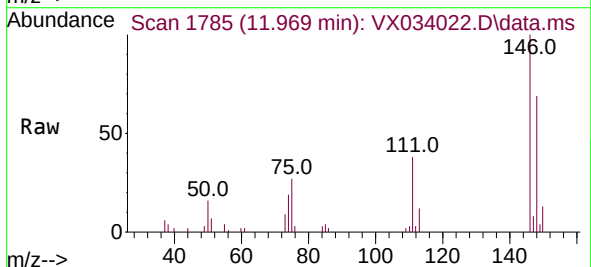
Tgt Ion:146 Resp: 6176

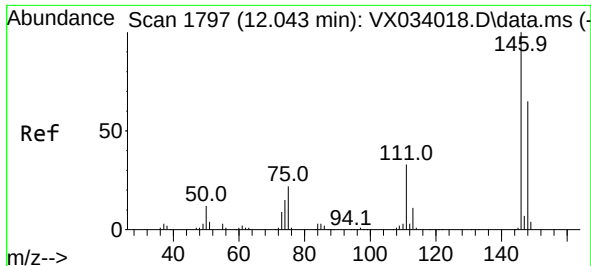
Ion Ratio Lower Upper

146 100

111 37.8 25.5 47.3

148 68.7 44.9 83.3

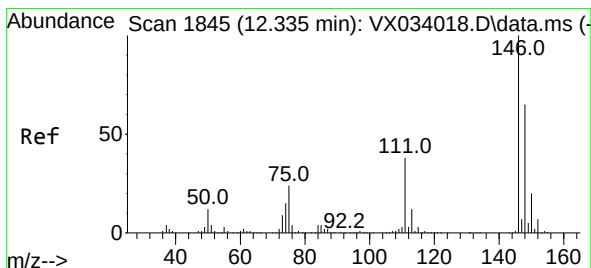
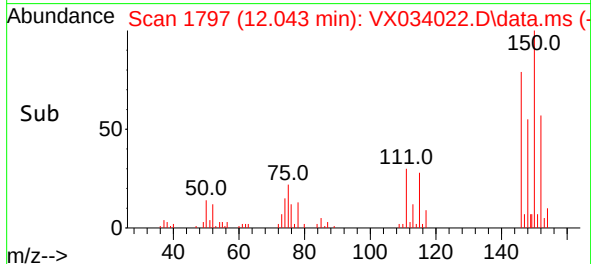
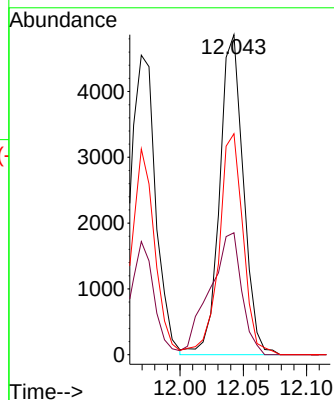
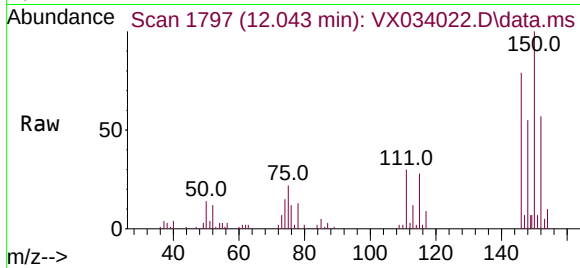




#65
1,4-Dichlorobenzene
Concen: 2.300 ug/L
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

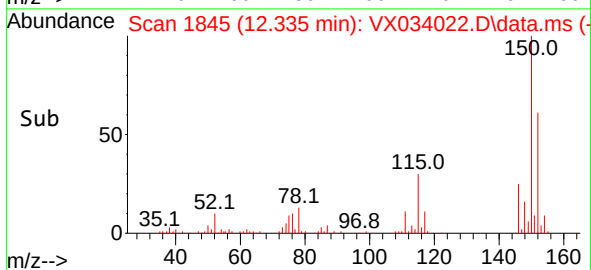
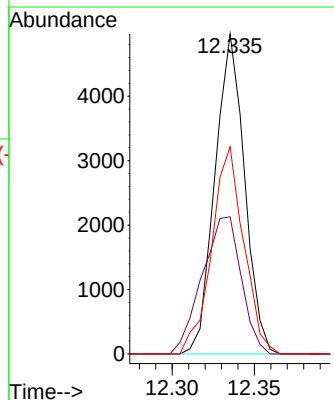
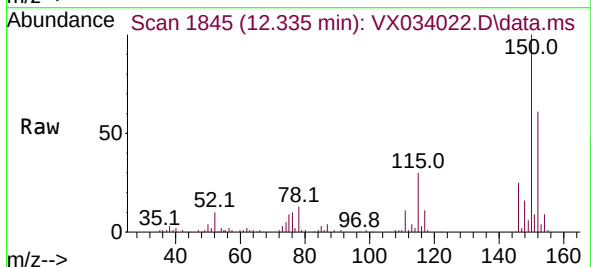
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

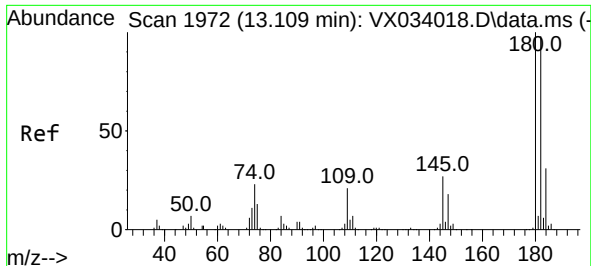
Tgt Ion:146 Resp: 6341
Ion Ratio Lower Upper
146 100
111 38.1 23.7 44.1
148 69.1 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 2.333 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:146 Resp: 6215
Ion Ratio Lower Upper
146 100
111 42.8 30.4 45.6
148 64.7 51.4 77.2

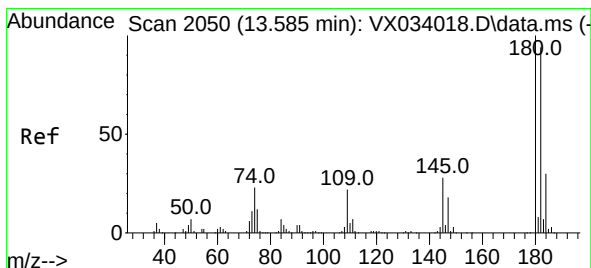
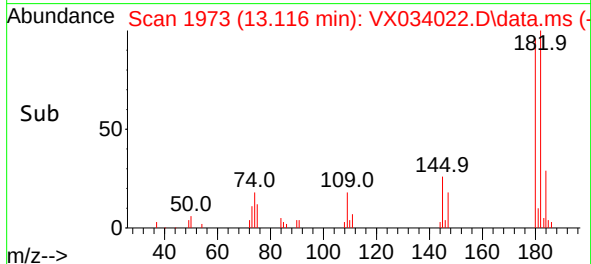
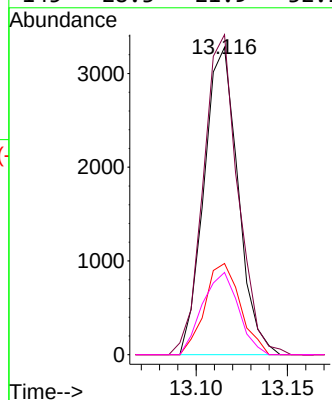
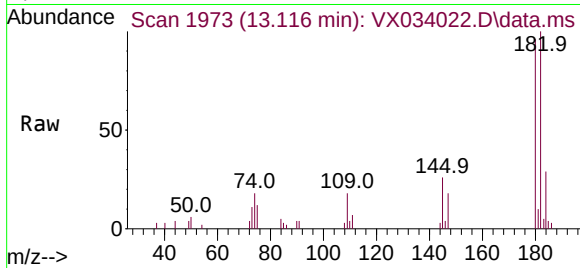




#69
1,3,5-Trichlorobenzene
Concen: 2.068 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

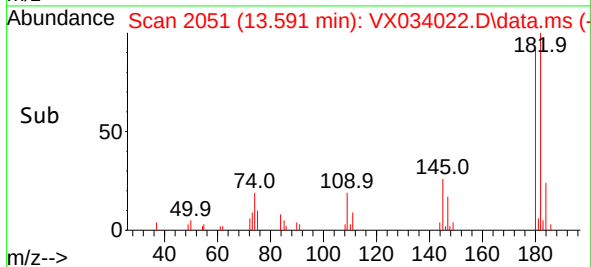
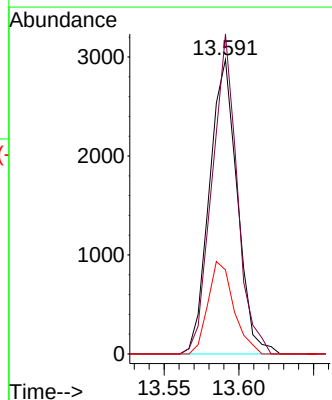
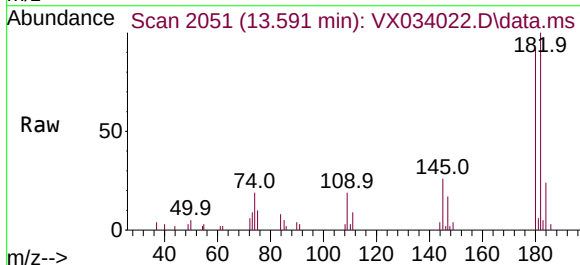
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2023-02

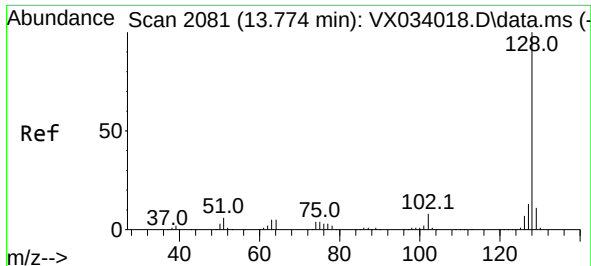
Tgt Ion:180	Resp:	4248	
Ion	Ratio	Lower	Upper
180	100		
182	106.0	77.3	115.9
184	31.0	24.5	36.7
145	28.3	21.9	32.9



#70
1,2,4-trichlorobenzene
Concen: 2.071 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:180	Resp:	3862	
Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.5	114.7
145	29.0	22.3	33.5

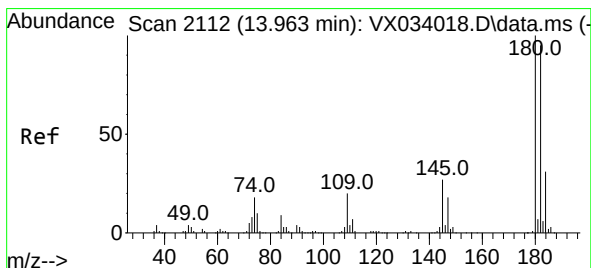
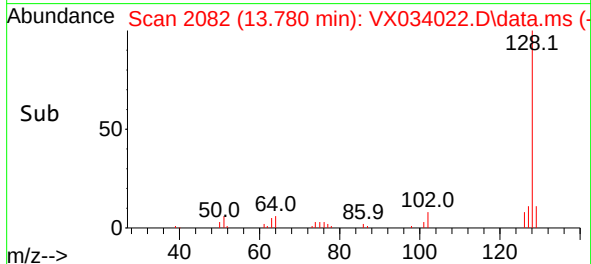
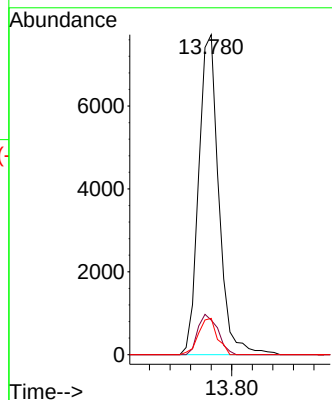
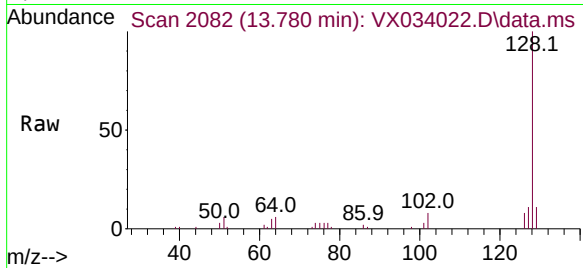




#71
Naphthalene
Concen: 2.036 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:128	Resp:	10515
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.2 15.2
129	10.6	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.021 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034022.D
Acq: 06 Feb 2023 12:59

Tgt Ion:180	Resp:	3722
Ion	Ratio	Lower Upper
180	100	
182	99.4	77.1 115.7
145	32.5	23.5 35.3

