

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045508.D
 Acq On : 28 Mar 2025 16:04
 Operator : JC/MD
 Sample : Q1546-05
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-01

Quant Time: Mar 31 10:23:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 14:43:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	151866	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	133552	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	56122	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55219	48.63	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.26%	
7) Chloroethane-d5	1.648	69	38659	51.97	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.94%	
11) 1,1-Dichloroethene-d2	2.294	65	28625	48.38	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.76%	
21) 2-Butanone-d5	4.459	46	87406	115.69	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	115.69%	
24) Chloroform-d	5.050	84	123225	48.90	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.80%	
26) 1,2-Dichloroethane-d4	5.952	65	89071	50.52	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.04%	
32) Benzene-d6	5.964	84	231052	53.36	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.72%	
36) 1,2-Dichloropropane-d6	7.306	67	73983	53.06	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.12%	
41) Toluene-d8	8.647	98	201512	51.54	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.08%	
43) trans-1,3-Dichloroprop...	8.952	79	27905	48.74	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.48%	
47) 2-Hexanone-d5	9.384	63	61396	115.46	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	115.46%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100678	54.40	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	108.80%	
66) 1,2-Dichlorobenzene-d4	12.317	152	66521	55.76	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2818m	1.74	ug/L	
3) Chloromethane	1.301	50	2782	1.94	ug/L	98
5) Vinyl chloride	1.374	62	2382m	1.79	ug/L	
6) Bromomethane	1.593	94	1145	1.92	ug/L	94
8) Chloroethane	1.666	64	1312	1.97	ug/L	98
9) Trichlorofluoromethane	1.874	101	3561	1.95	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	2882	2.47	ug/L #	80
12) 1,1-Dichloroethene	2.307	96	2396	2.30	ug/L #	1
13) Acetone	2.386	43	2634	3.68	ug/L	91
14) Carbon disulfide	2.502	76	4645	1.73	ug/L	96
15) Methyl Acetate	2.703	43	2744	1.93	ug/L	95
16) Methylene chloride	2.782	84	2299	1.91	ug/L	72
17) trans-1,2-Dichloroethene	3.087	96	1760	1.69	ug/L	84
18) Methyl tert-butyl Ether	3.117	73	6297	1.74	ug/L #	92
19) 1,1-Dichloroethane	3.599	63	4242m	1.95	ug/L	
20) cis-1,2-Dichloroethene	4.489	96	2051	1.71	ug/L	89
22) 2-Butanone	4.574	43	4209m	4.05	ug/L	
23) Bromochloromethane	4.904	128	1030m	1.74	ug/L	
27) 1,2-Dichloroethane	6.086	62	3612	1.85	ug/L #	88

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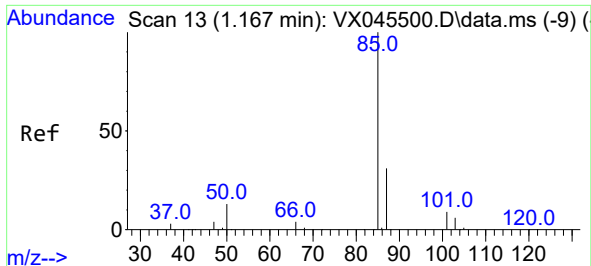
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-01

Quant Time: Mar 31 10:23:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
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 Response via : Initial Calibration

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

29) Cyclohexane	5.458	56	3605	1.78	ug/L #	90
30) 1,1,1-Trichloroethane	5.379	97	3264	1.78	ug/L	93
31) Carbon tetrachloride	5.666	117	2815	1.77	ug/L	88
33) Benzene	6.038	78	10193m	2.33	ug/L	
35) Methylcyclohexane	7.367	83	3388m	1.82	ug/L	
37) 1,2-Dichloropropane	7.428	63	2304	1.94	ug/L #	94
38) Bromodichloromethane	7.824	83	2904	1.78	ug/L #	93
39) cis-1,3-Dichloropropene	8.366	75	5755m	3.31	ug/L	
40) 4-Methyl-2-pentanone	8.574	43	5993	3.29	ug/L #	85
42) Toluene	8.720	91	8167	1.82	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	4429m	2.73	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	2131	1.87	ug/L	93
46) Tetrachloroethene	9.275	164	1477m	1.85	ug/L	
48) 2-Hexanone	9.384	43	15175m	11.06	ug/L	
49) Dibromochloromethane	9.519	129	1819	1.60	ug/L	92
50) 1,2-Dibromoethane	9.610	107	2062	1.74	ug/L #	90
51) Chlorobenzene	10.079	112	5147m	1.82	ug/L	
52) Ethylbenzene	10.195	91	8909	1.76	ug/L	93
53) m,p-Xylene	10.305	106	5847m	3.19	ug/L	
54) o-Xylene	10.640	106	3028	1.68	ug/L	81
55) Styrene	10.659	104	4640	1.54	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	4048	2.26	ug/L #	92
59) Bromoform	10.805	173	1208	1.70	ug/L #	89
60) Isopropylbenzene	10.957	105	7964	1.74	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	2640	1.93	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	6240	1.67	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	6209	1.69	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	3548	1.91	ug/L #	88
67) 1,2-Dichlorobenzene	12.335	146	3645	1.97	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	2155	1.83	ug/L	93
70) 1,2,4-trichlorobenzene	13.591	180	1706	1.64	ug/L	97
71) Naphthalene	13.780	128	6048	1.54	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1898	1.78	ug/L	95

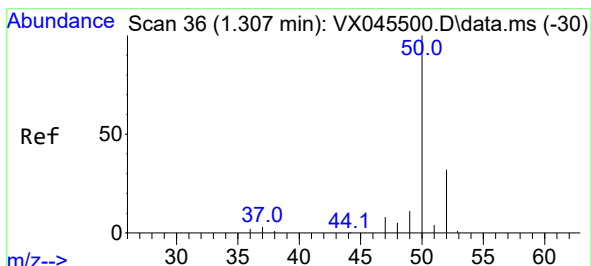
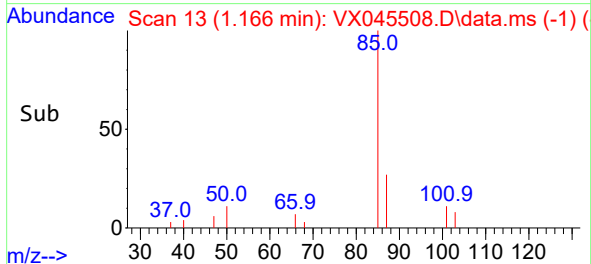
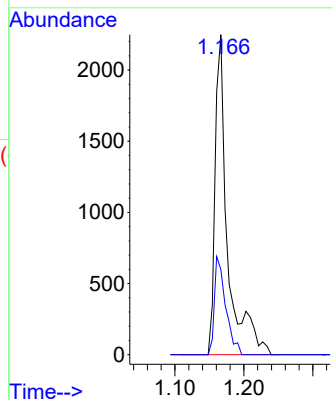
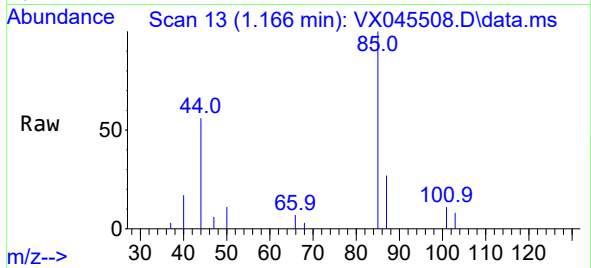
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#2
Dichlorodifluoromethane
Concen: 1.74 ug/L m
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

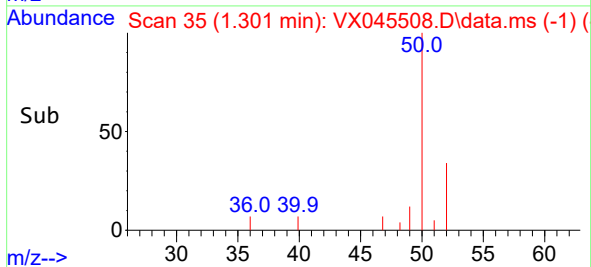
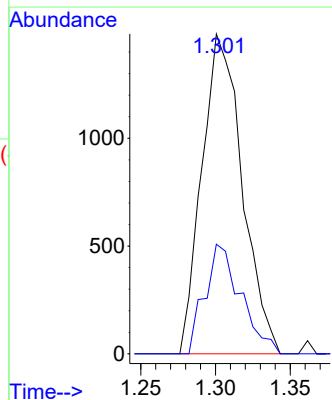
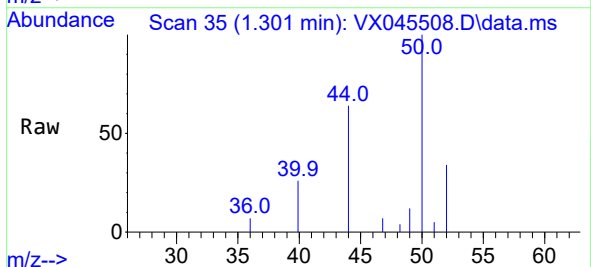
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

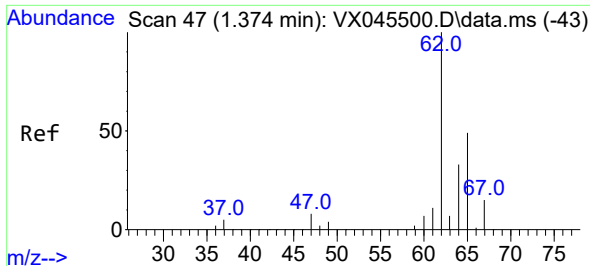
Tgt Ion: 85 Resp: 2818
Ion Ratio Lower Upper
85 100
87 27.8 25.9 38.9



#3
Chloromethane
Concen: 1.94 ug/L
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 50 Resp: 2782
Ion Ratio Lower Upper
50 100
52 34.3 23.3 43.3

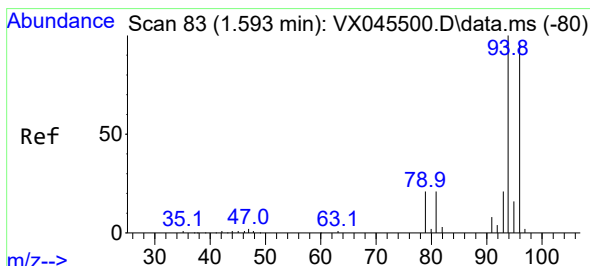
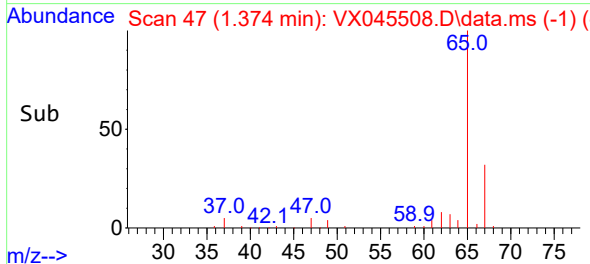
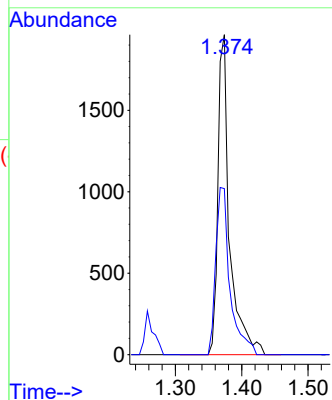
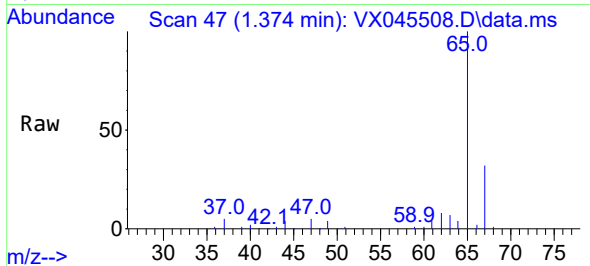




#5
 Vinyl chloride
 Concen: 1.79 ug/L m
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045508.D
 Acq: 28 Mar 2025 16:04

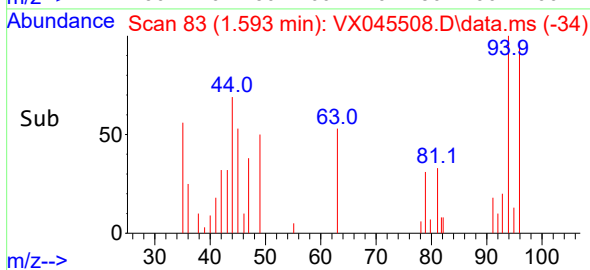
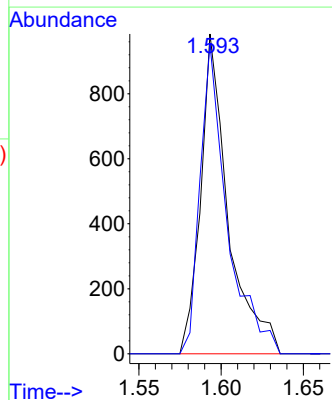
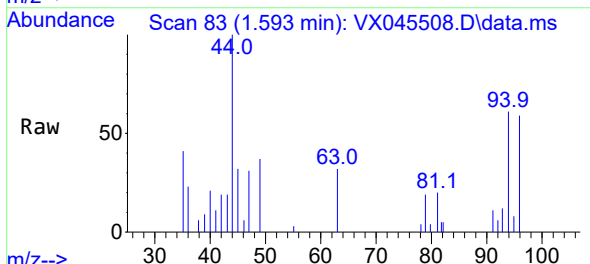
Instrument :
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 ClientSampleId :
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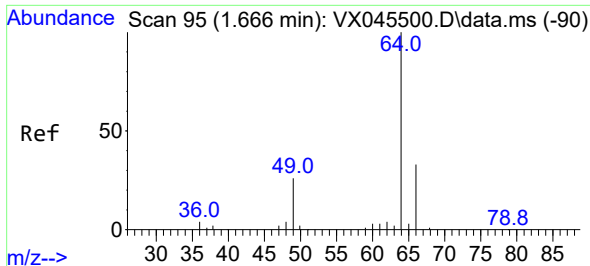
Tgt Ion: 62 Resp: 2382
 Ion Ratio Lower Upper
 62 100
 64 51.9 23.7 44.1#



#6
 Bromomethane
 Concen: 1.92 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX045508.D
 Acq: 28 Mar 2025 16:04

Tgt Ion: 94 Resp: 1145
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.3 119.3

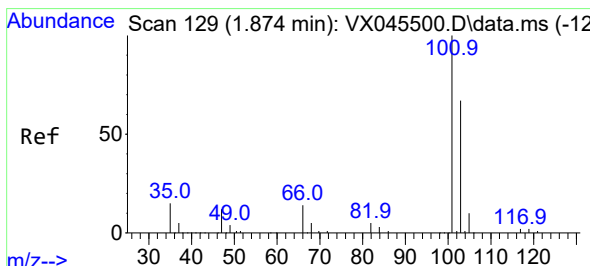
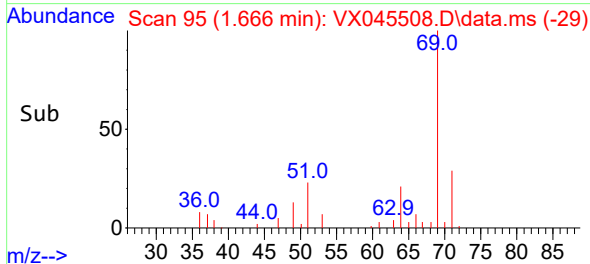
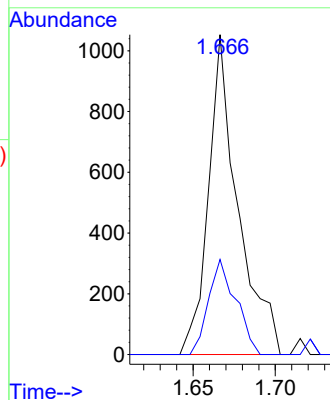
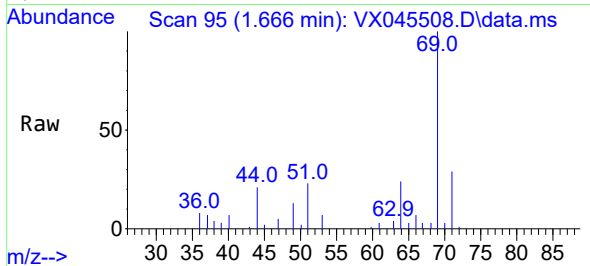




#8
Chloroethane
Concen: 1.97 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

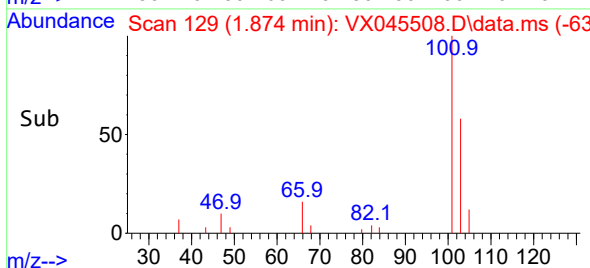
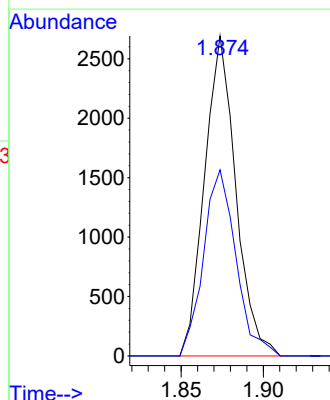
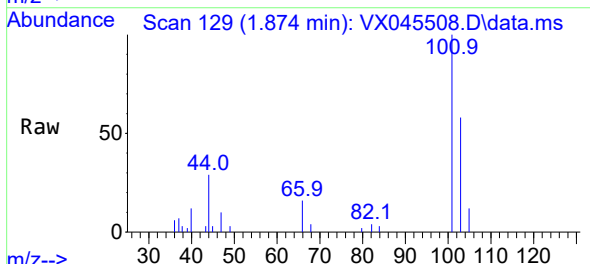
Instrument :
MSVOA_X
ClientSampleId :
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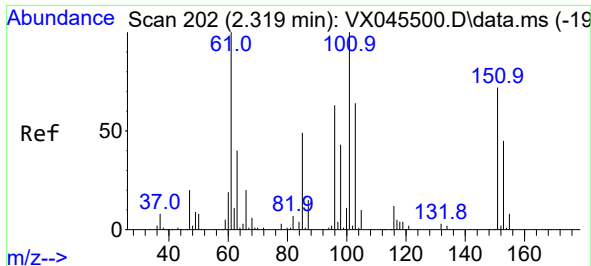
Tgt Ion: 64 Resp: 1312
Ion Ratio Lower Upper
64 100
66 29.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 1.95 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 101 Resp: 3561
Ion Ratio Lower Upper
101 100
103 60.3 52.2 78.2

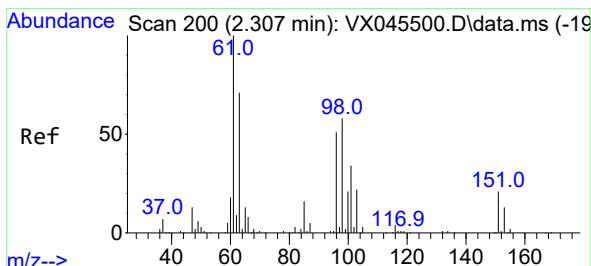
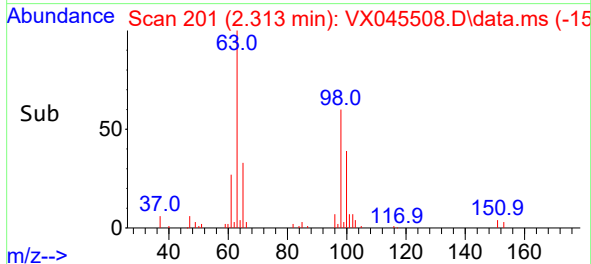
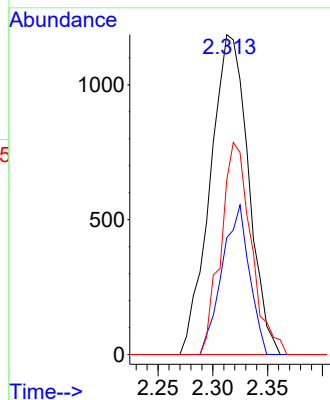
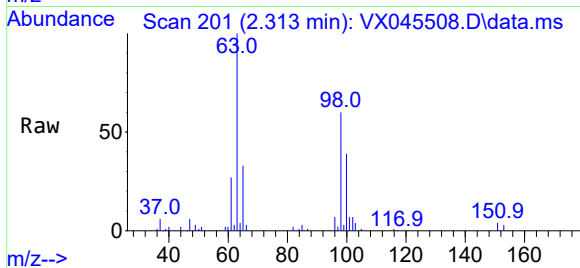




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.47 ug/L
RT: 2.313 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

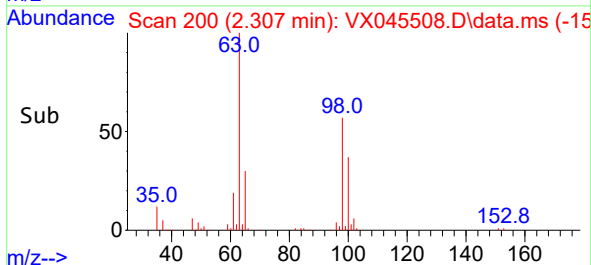
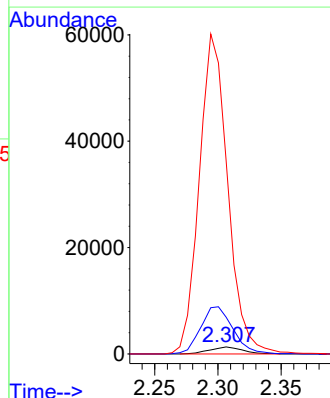
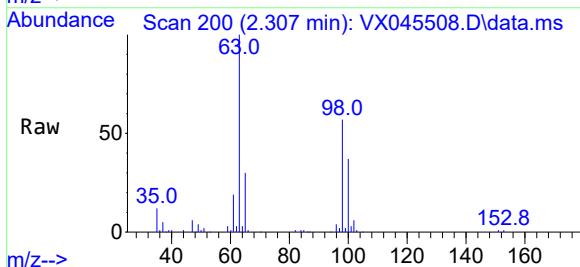
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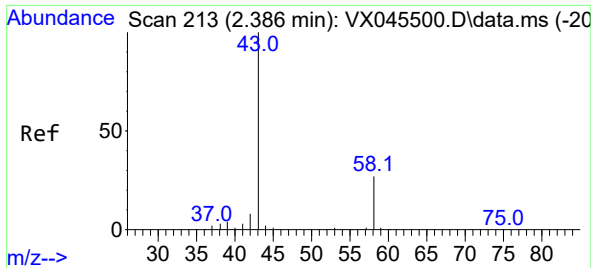
Tgt Ion:101 Resp: 2882
Ion Ratio Lower Upper
101 100
85 33.2 35.4 53.0#
151 52.5 57.0 85.4#



#12
1,1-Dichloroethene
Concen: 2.30 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 96 Resp: 2396
Ion Ratio Lower Upper
96 100
61 519.2 115.1 213.8#
63 2733.6 74.1 137.5#

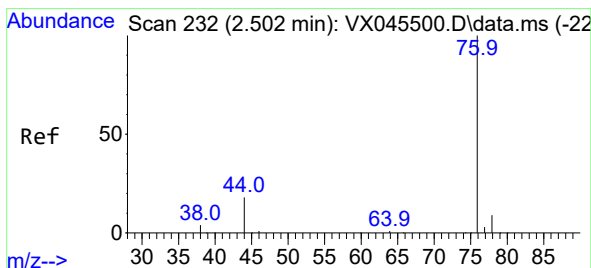
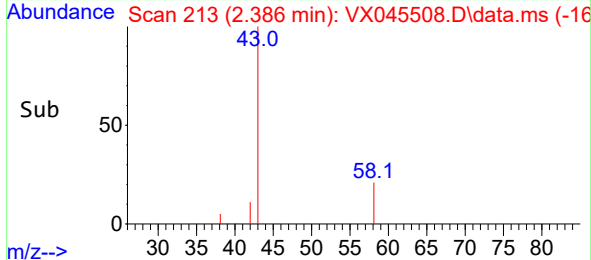
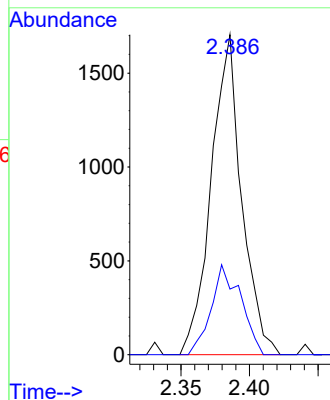
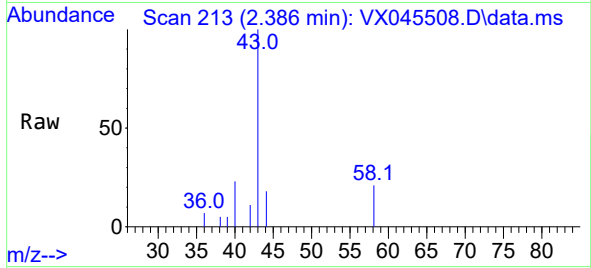




#13
Acetone
Concen: 3.68 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

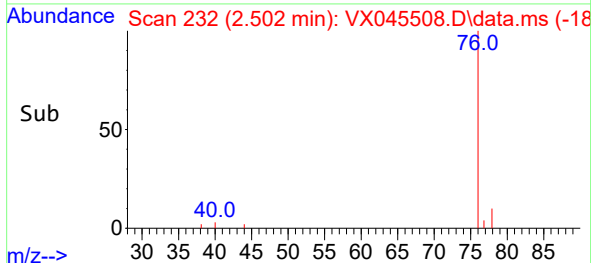
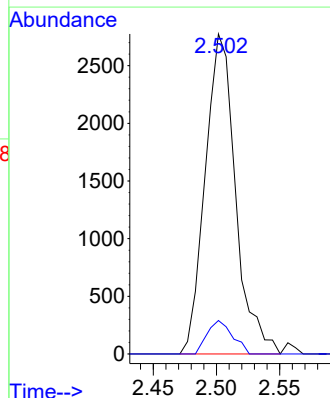
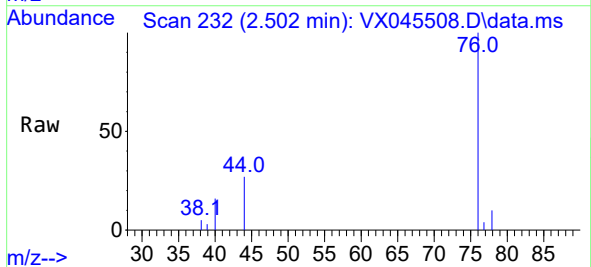
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

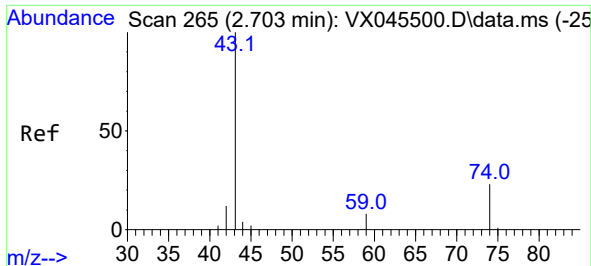
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 27.4 0.0 64.6



#14
Carbon disulfide
Concen: 1.73 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 76 Resp: 4645
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

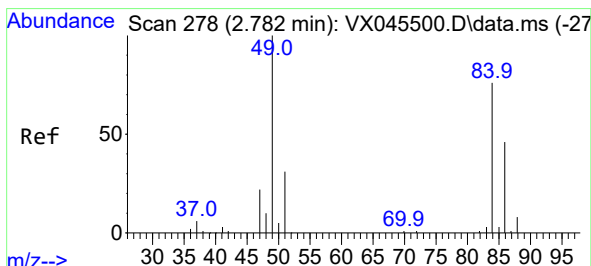
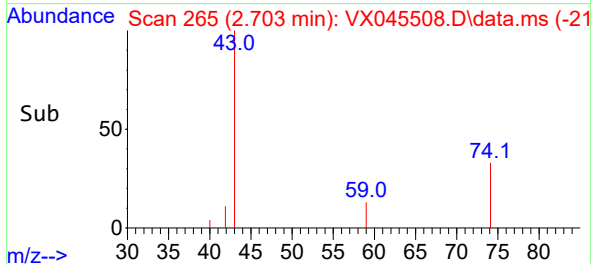
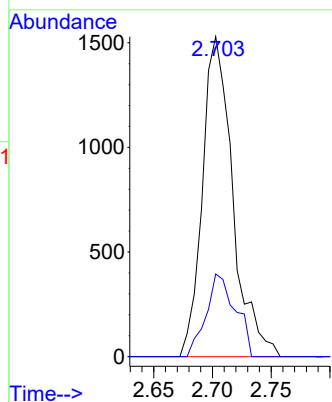
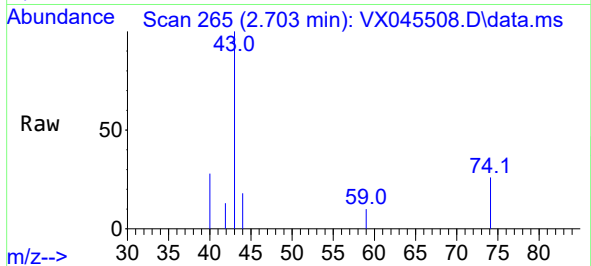




#15
Methyl Acetate
Concen: 1.93 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

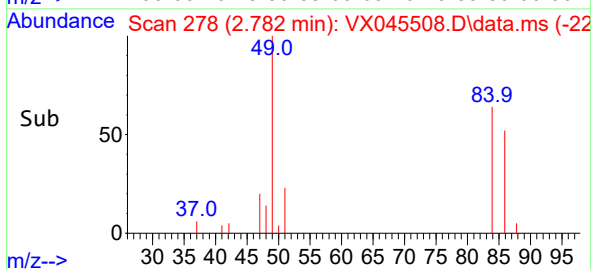
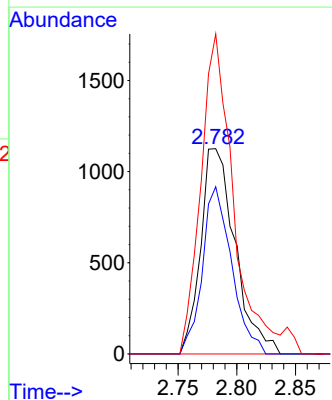
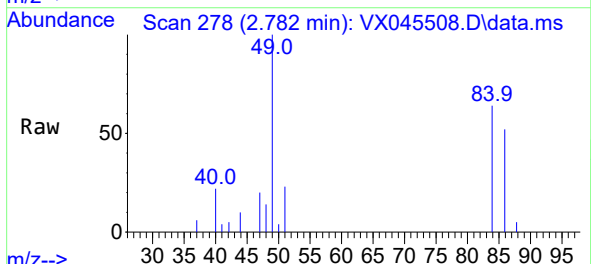
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

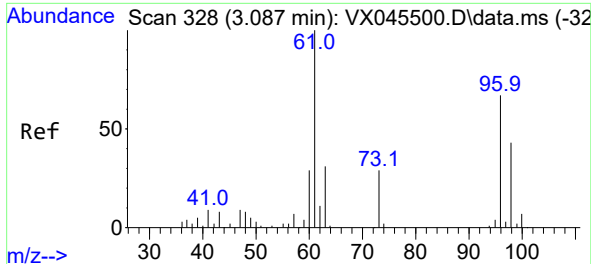
Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
74 22.2 19.7 29.5



#16
Methylene chloride
Concen: 1.91 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 84 Resp: 2299
Ion Ratio Lower Upper
84 100
86 81.4 45.6 84.8
49 155.9 84.6 157.0





#17

trans-1,2-Dichloroethene

Concen: 1.69 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045508.D

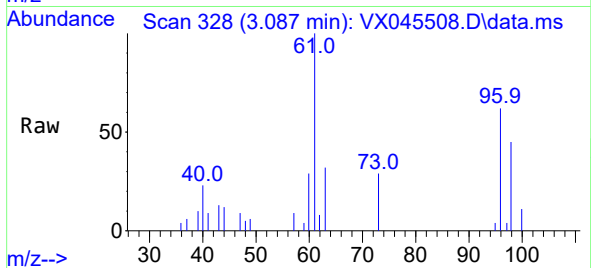
Acq: 28 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2025-01



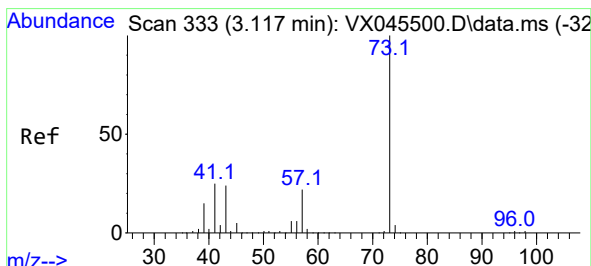
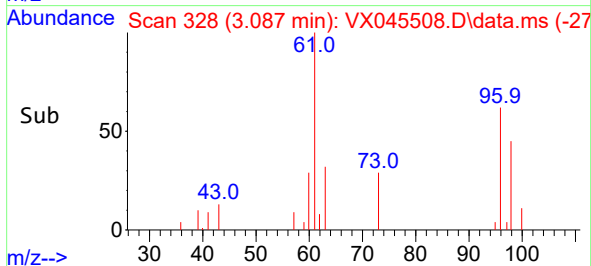
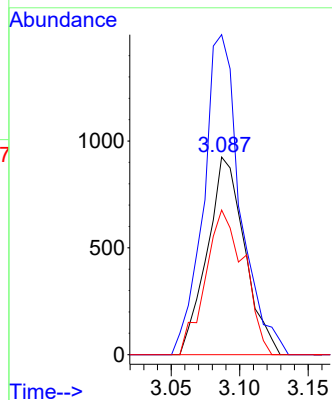
Tgt Ion: 96 Resp: 1760

Ion Ratio Lower Upper

96 100

61 161.9 98.3 182.7

98 73.2 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 1.74 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

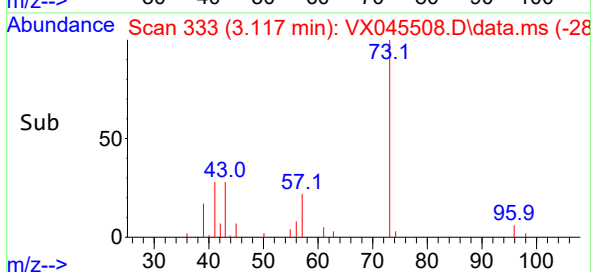
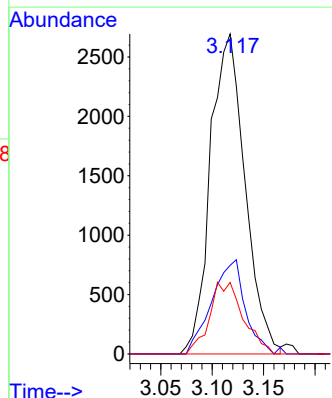
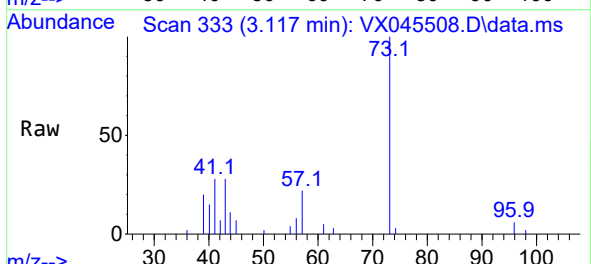
Tgt Ion: 73 Resp: 6297

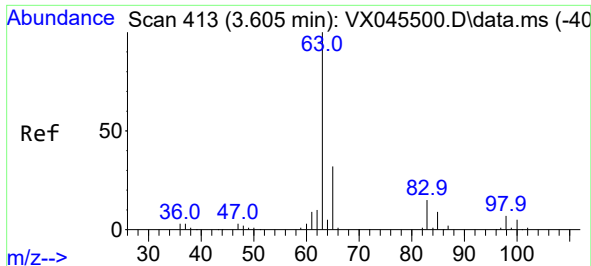
Ion Ratio Lower Upper

73 100

43 28.4 16.9 25.3#

57 22.0 17.4 26.0





#19

1,1-Dichloroethane

Concen: 1.95 ug/L m

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2025-01

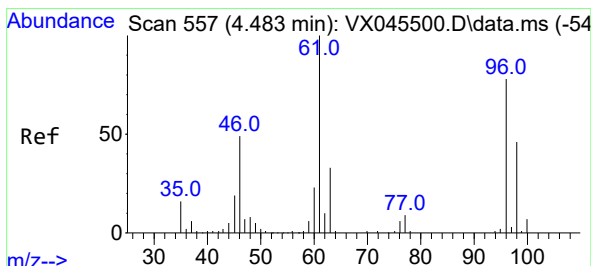
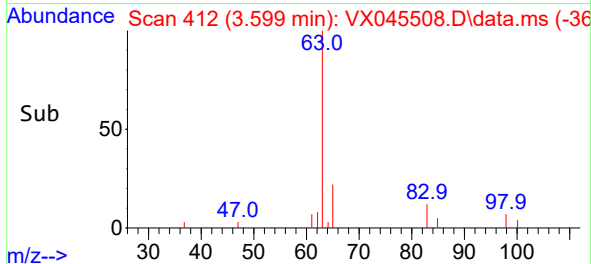
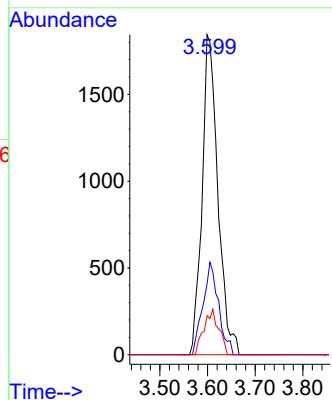
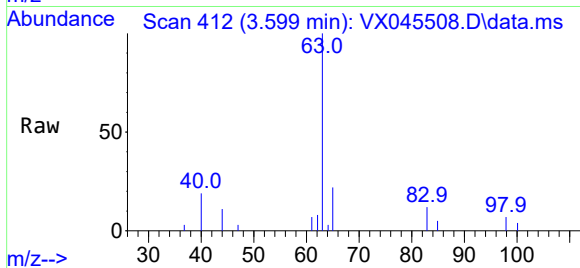
Tgt Ion: 63 Resp: 4242

Ion Ratio Lower Upper

63 100

65 22.2 21.8 40.6

83 12.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 1.71 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

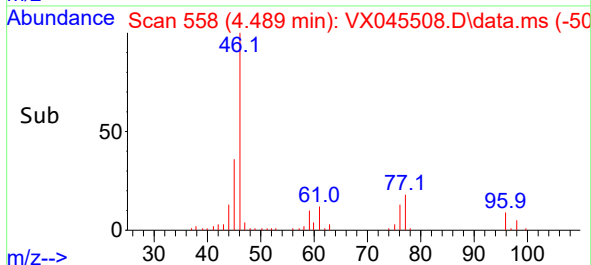
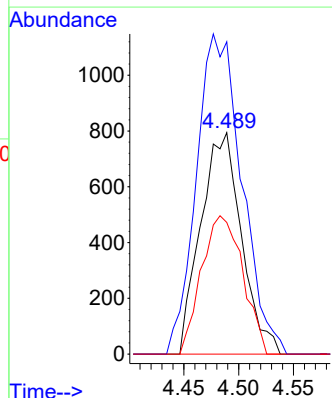
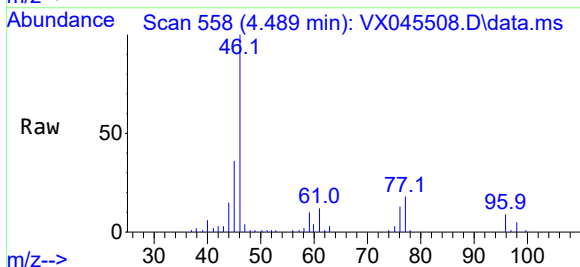
Tgt Ion: 96 Resp: 2051

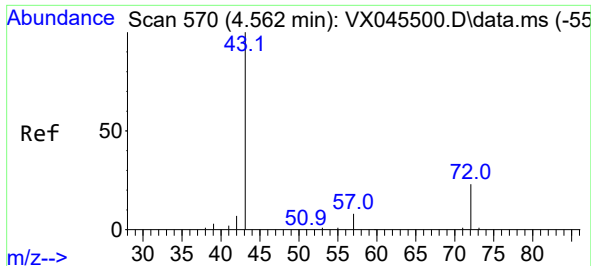
Ion Ratio Lower Upper

96 100

61 141.1 88.3 163.9

98 59.4 44.6 82.8

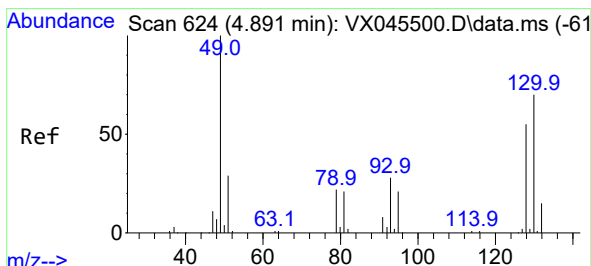
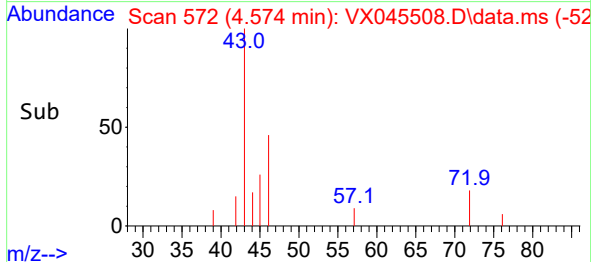
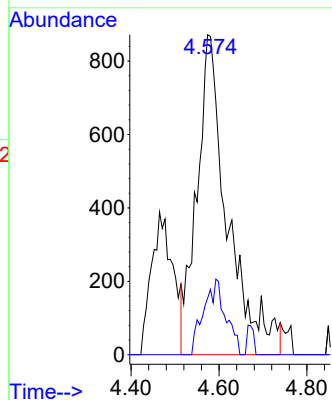
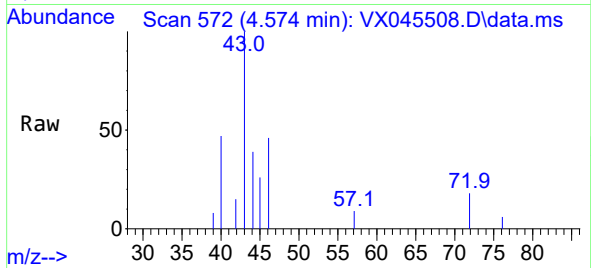




#22
2-Butanone
Concen: 4.05 ug/L m
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

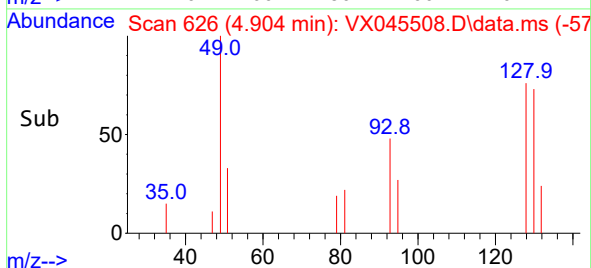
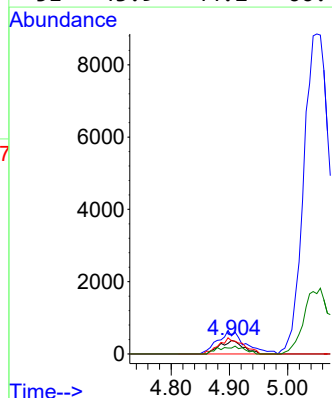
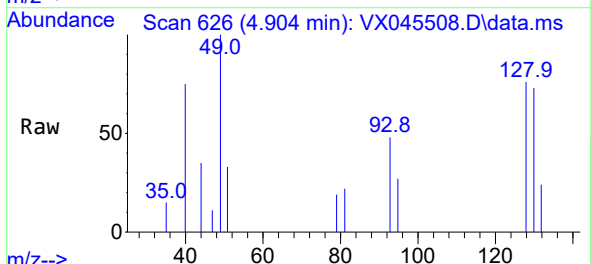
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

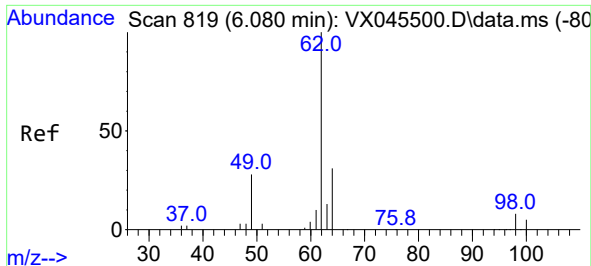
Tgt Ion: 43 Resp: 4209
Ion Ratio Lower Upper
43 100
72 4.6 13.4 40.2#



#23
Bromochloromethane
Concen: 1.74 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. 0.012 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 128 Resp: 1030
Ion Ratio Lower Upper
128 100
49 132.4 117.6 218.4
130 96.5 92.0 170.9
51 43.9 44.2 66.4#

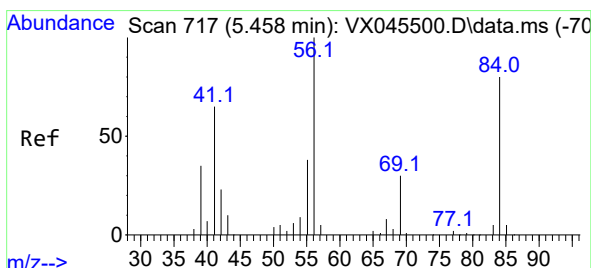
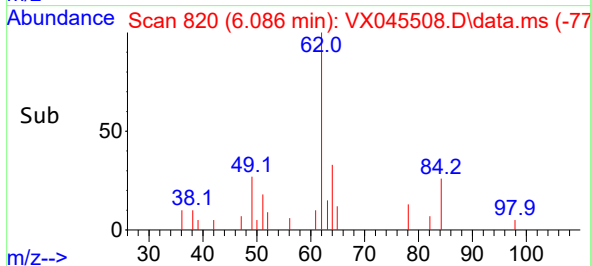
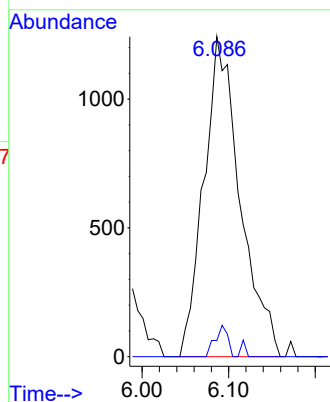
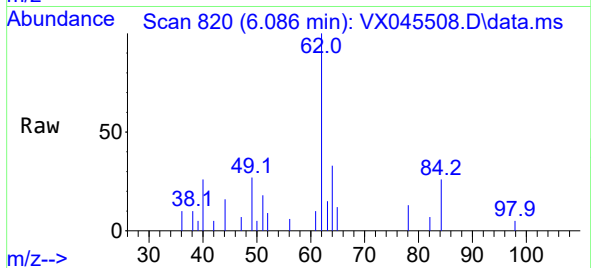




#27
1,2-Dichloroethane
Concen: 1.85 ug/L
RT: 6.086 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

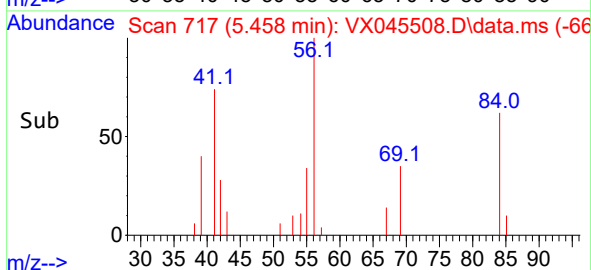
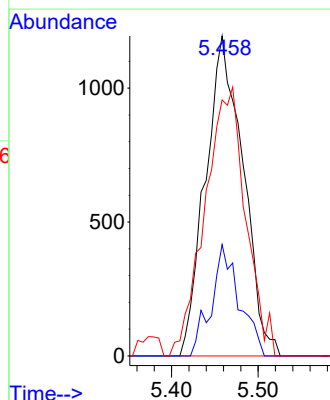
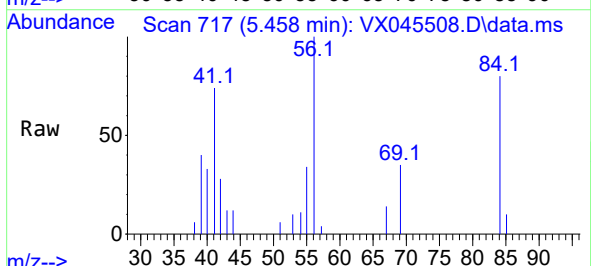
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

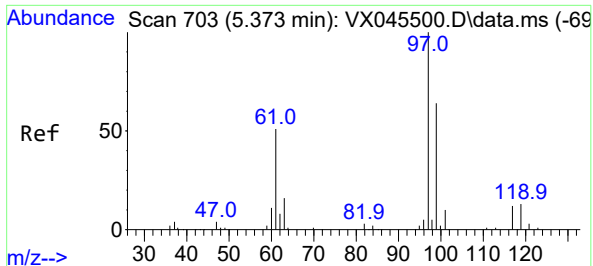
Tgt Ion: 62 Resp: 3612
Ion Ratio Lower Upper
62 100
98 5.1 7.4 11.2#



#29
Cyclohexane
Concen: 1.78 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 56 Resp: 3605
Ion Ratio Lower Upper
56 100
69 12.9 25.4 38.2#
84 90.7 71.6 107.4





#30

1,1,1-Trichloroethane

Concen: 1.78 ug/L

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2025-01

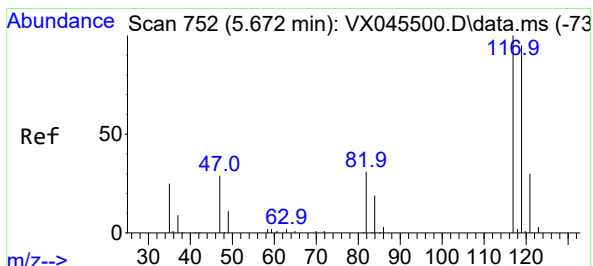
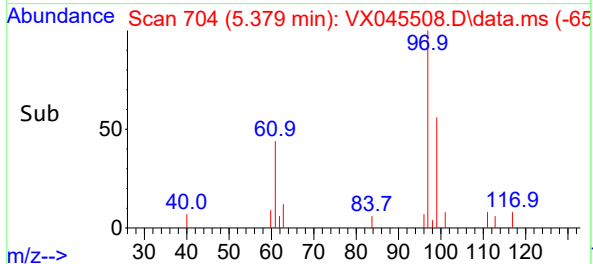
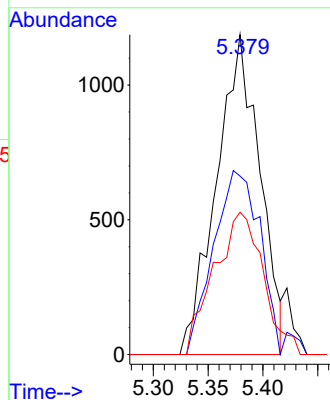
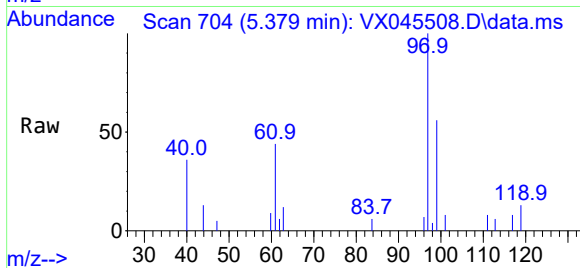
Tgt Ion: 97 Resp: 3264

Ion Ratio Lower Upper

97 100

99 61.6 51.0 76.4

61 36.5 35.8 53.6



#31

Carbon tetrachloride

Concen: 1.77 ug/L

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045508.D

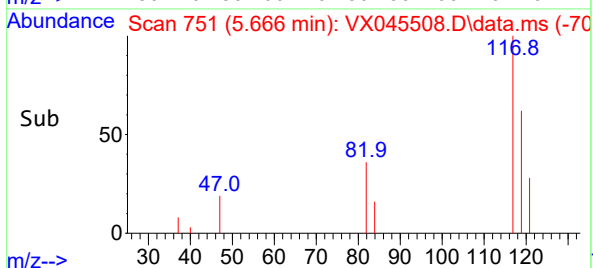
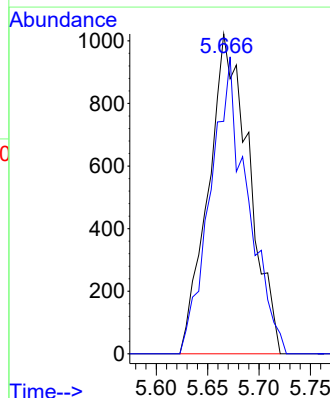
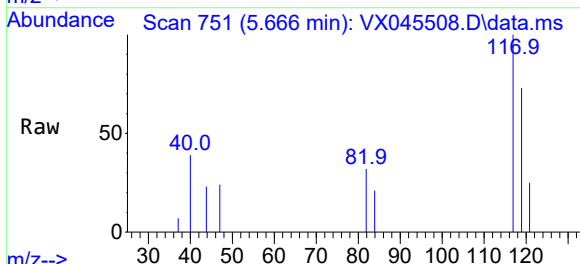
Acq: 28 Mar 2025 16:04

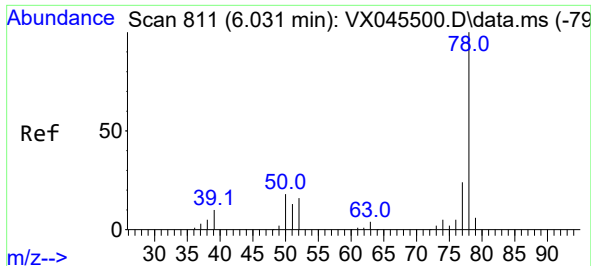
Tgt Ion: 117 Resp: 2815

Ion Ratio Lower Upper

117 100

119 84.8 77.1 115.7

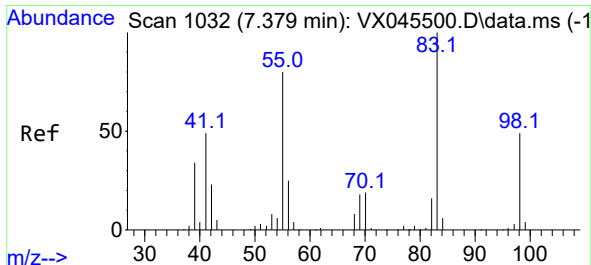
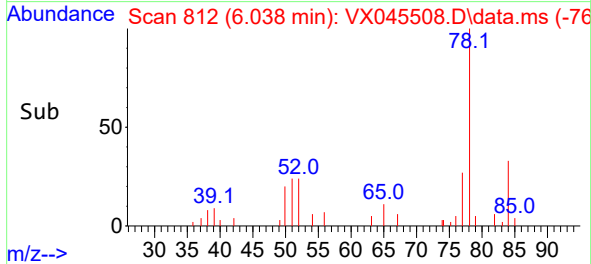
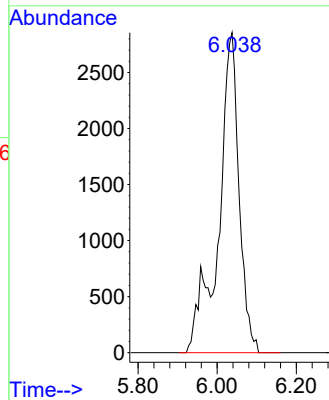
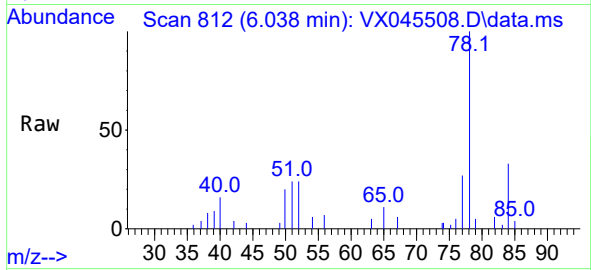




#33
Benzene
Concen: 2.33 ug/L m
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

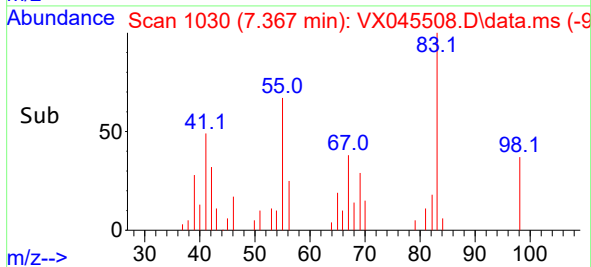
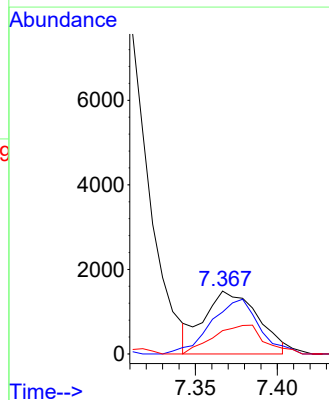
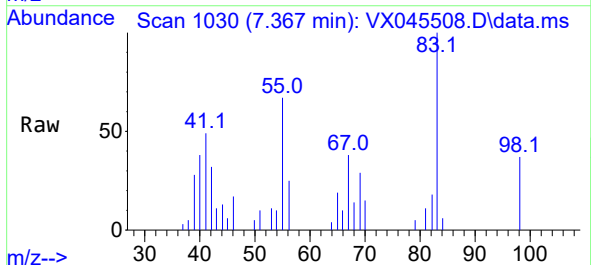
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

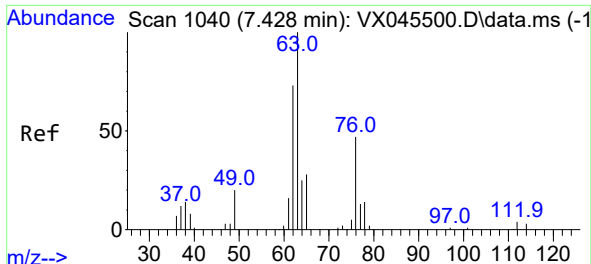
Tgt Ion: 78 Resp: 10193



#35
Methylcyclohexane
Concen: 1.82 ug/L m
RT: 7.367 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 83 Resp: 3388
Ion Ratio Lower Upper
83 100
55 77.8 60.6 90.8
98 43.6 38.9 58.3

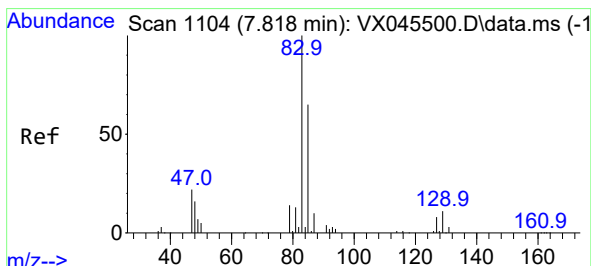
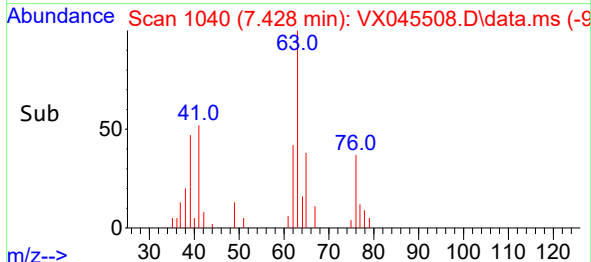
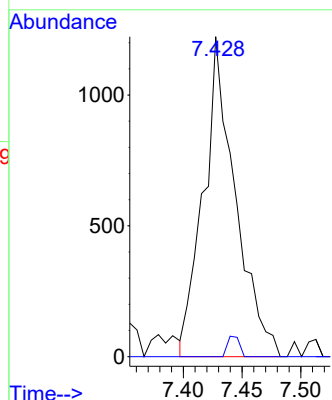
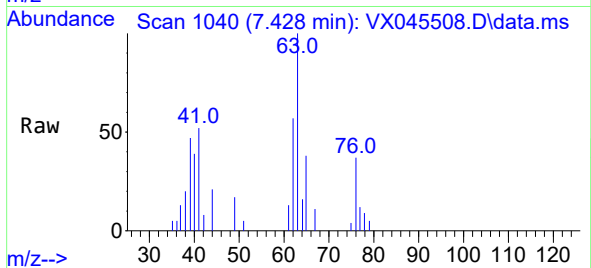




#37
1,2-Dichloropropane
Concen: 1.94 ug/L
RT: 7.428 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

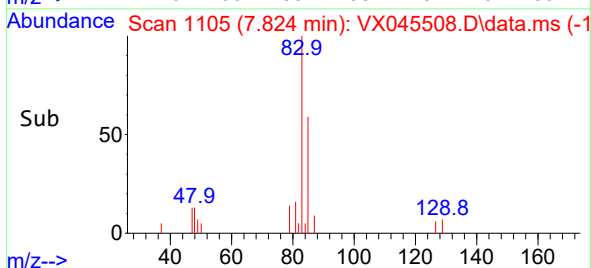
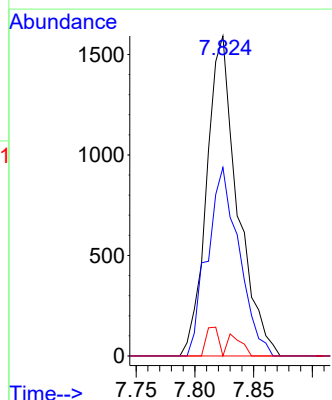
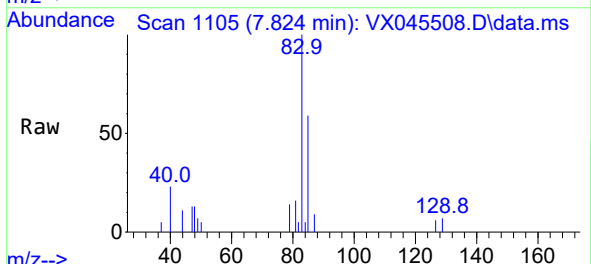
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

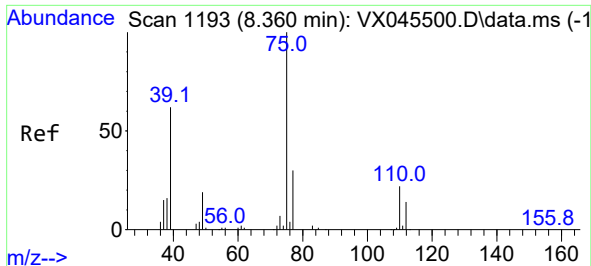
Tgt Ion: 63 Resp: 2304
Ion Ratio Lower Upper
63 100
112 2.4 3.5 5.3#



#38
Bromodichloromethane
Concen: 1.78 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 83 Resp: 2904
Ion Ratio Lower Upper
83 100
85 58.9 43.8 81.3
127 0.0 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 3.31 ug/L m

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

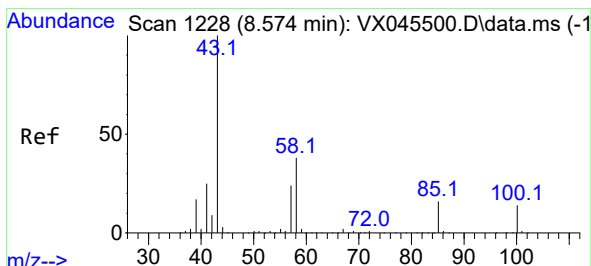
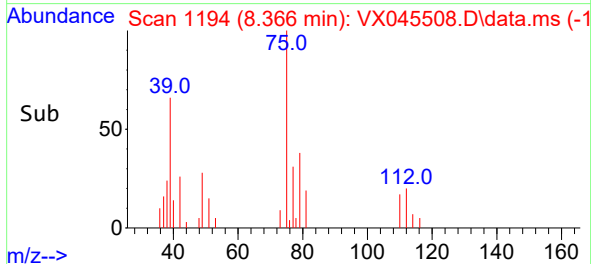
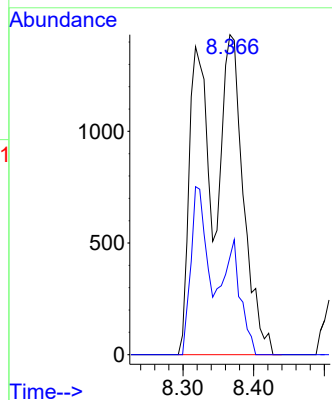
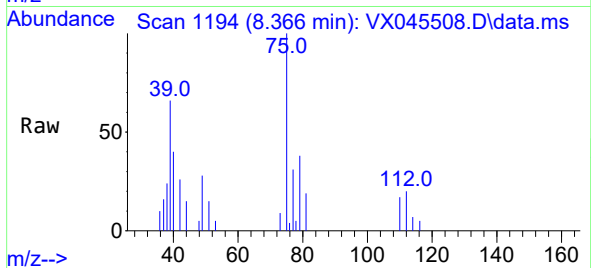
MDL-MED-SOIL-QT1-2025-01

Tgt Ion: 75 Resp: 5755

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 3.29 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX045508.D

Acq: 28 Mar 2025 16:04

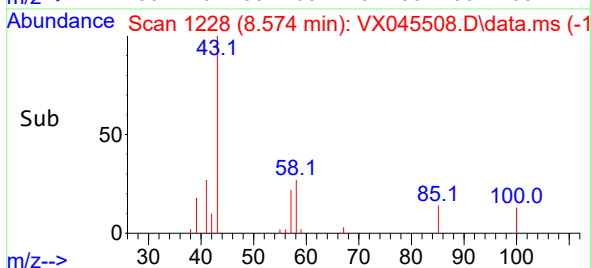
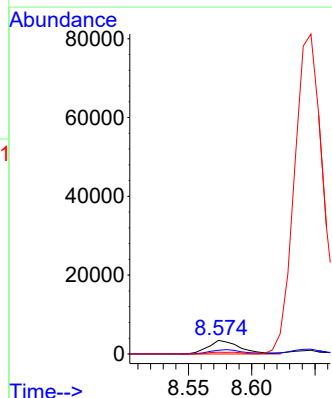
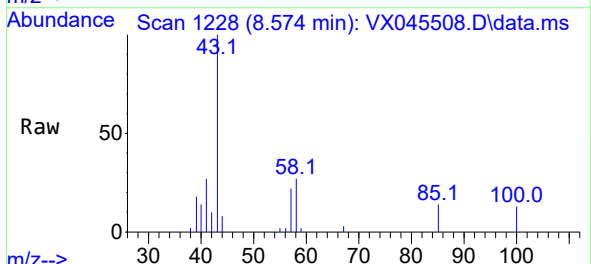
Tgt Ion: 43 Resp: 5993

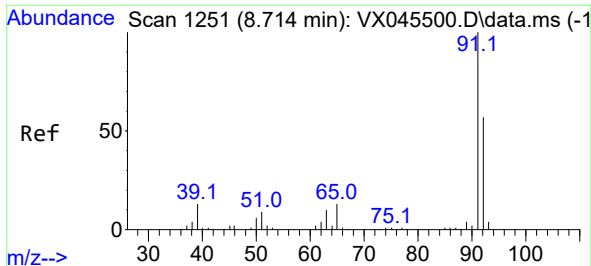
Ion Ratio Lower Upper

43 100

58 32.2 32.1 48.1

100 7.9 12.9 19.3#

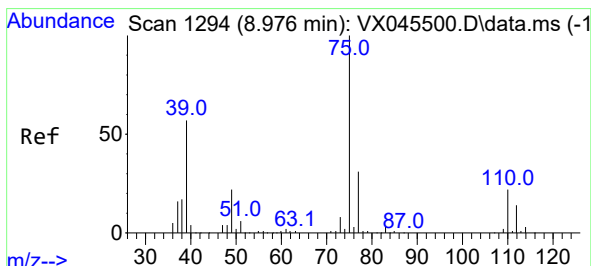
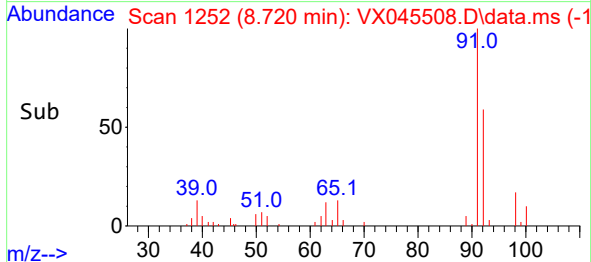
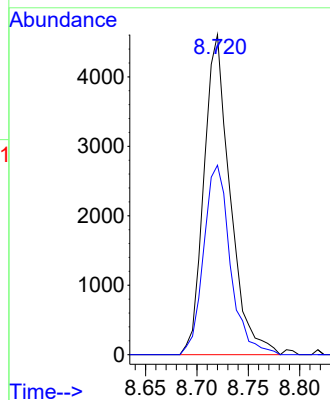
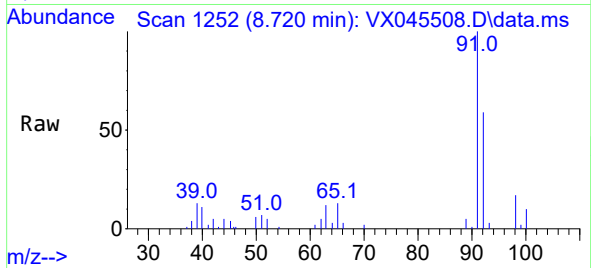




#42
Toluene
Concen: 1.82 ug/L
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

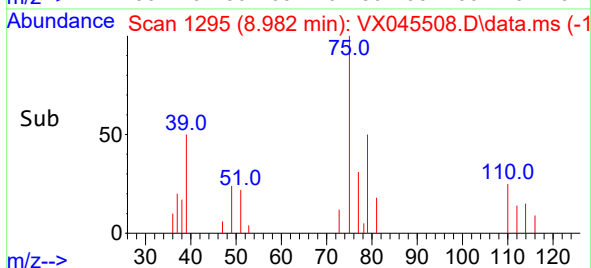
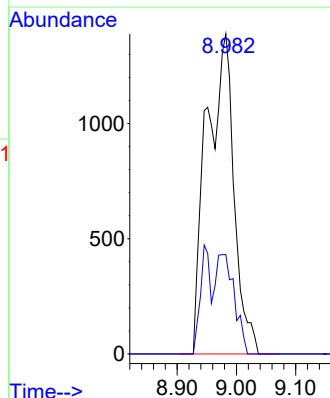
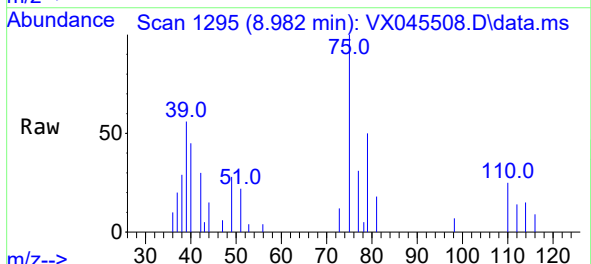
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

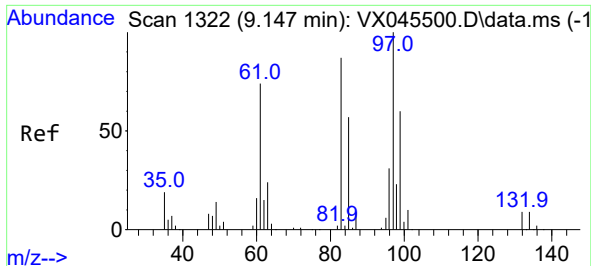
Tgt Ion: 91 Resp: 8167
Ion Ratio Lower Upper
91 100
92 59.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 2.73 ug/L m
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 75 Resp: 4429
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6



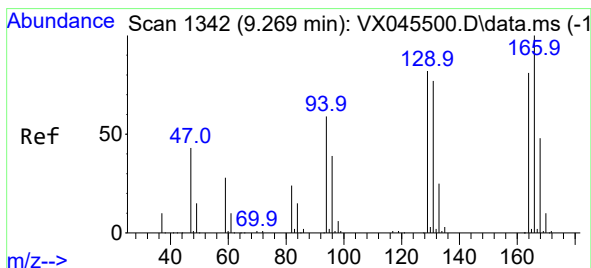
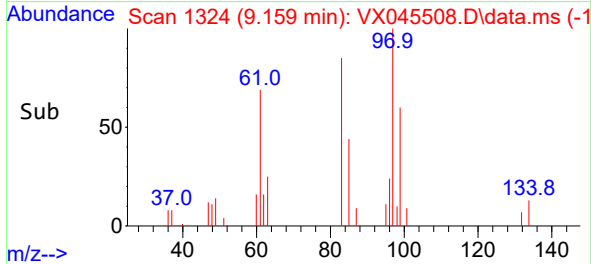
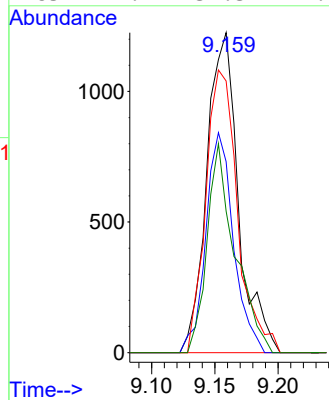
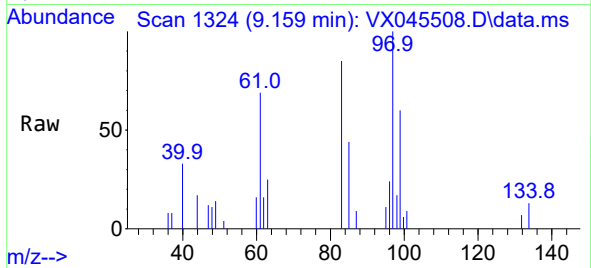


#45
1,1,2-Trichloroethane
Concen: 1.87 ug/L
RT: 9.159 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

Tgt Ion: 97 Resp: 2131

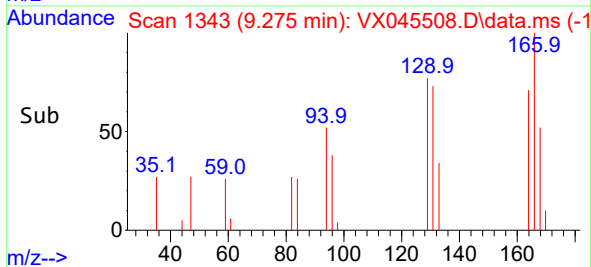
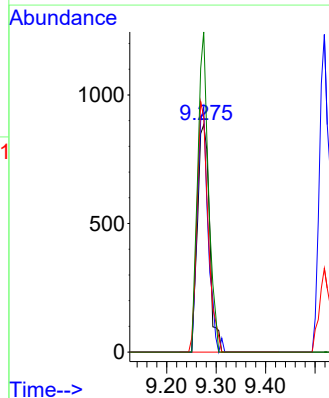
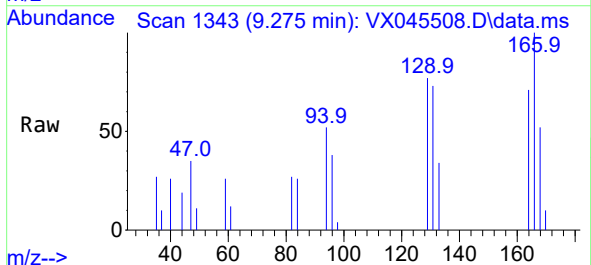
Ion	Ratio	Lower	Upper
97	100		
99	59.7	44.8	83.2
83	84.9	60.8	113.0
85	44.2	39.3	72.9

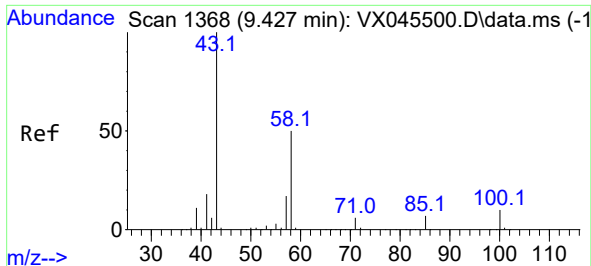


#46
Tetrachloroethene
Concen: 1.85 ug/L m
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 164 Resp: 1477

Ion	Ratio	Lower	Upper
164	100		
129	107.9	71.2	132.2
131	103.4	67.2	124.8
166	140.8	90.0	167.2

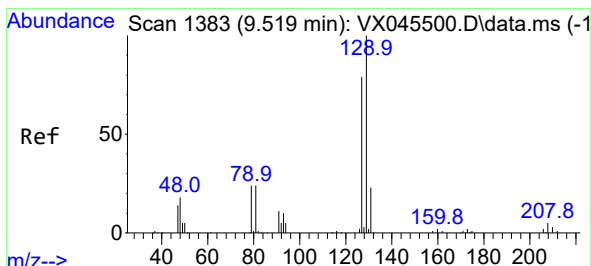
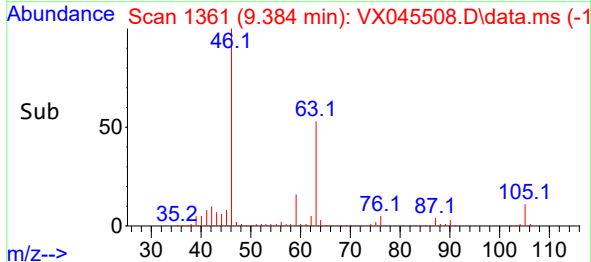
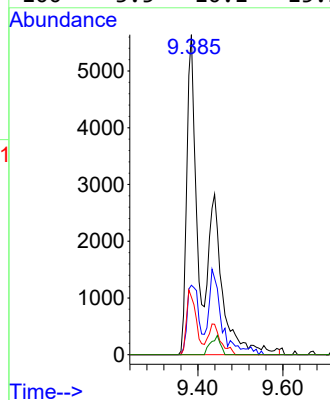
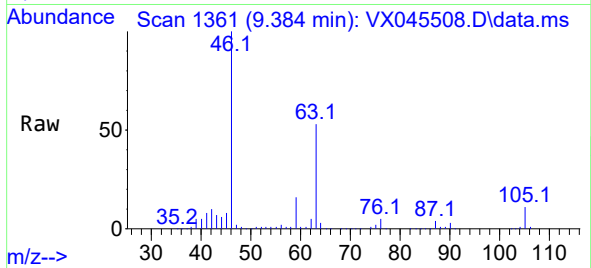




#48
2-Hexanone
Concen: 11.06 ug/L m
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

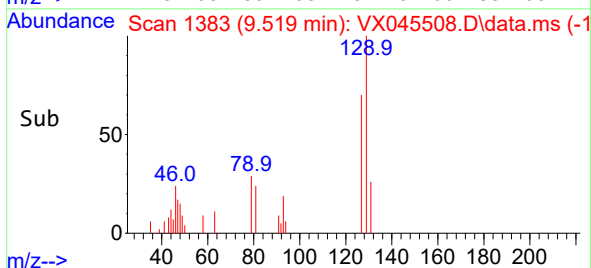
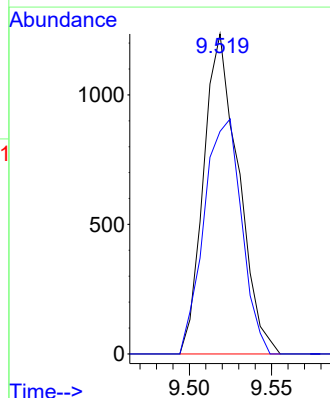
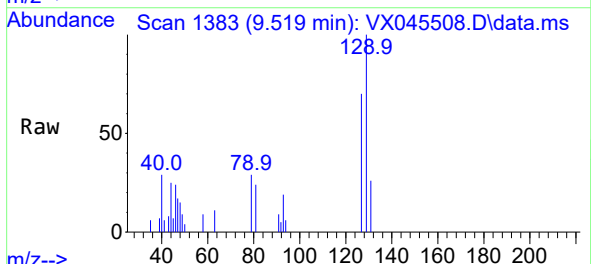
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

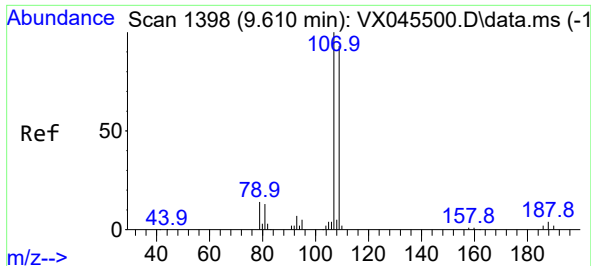
Tgt Ion:	43	Resp:	15175
Ion	Ratio	Lower	Upper
43	100		
58	17.3	44.3	66.5#
57	6.7	15.9	23.9#
100	3.5	10.1	15.1#



#49
Dibromochloromethane
Concen: 1.60 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:	129	Resp:	1819
Ion	Ratio	Lower	Upper
129	100		
127	69.6	53.6	99.6

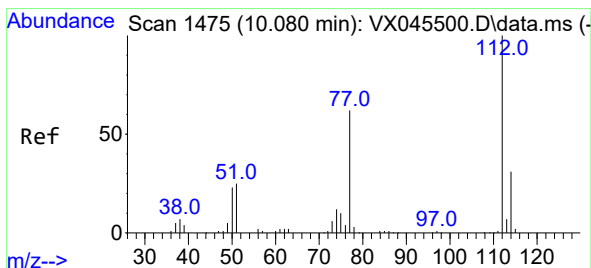
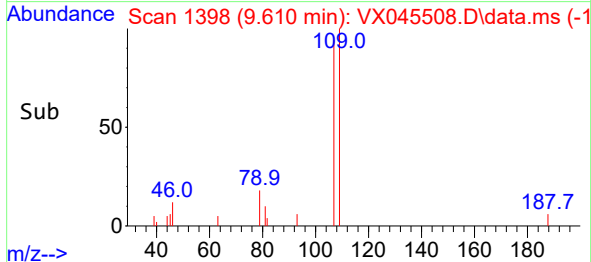
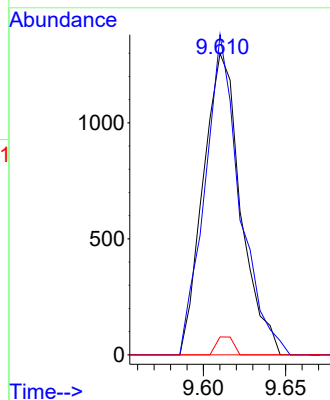
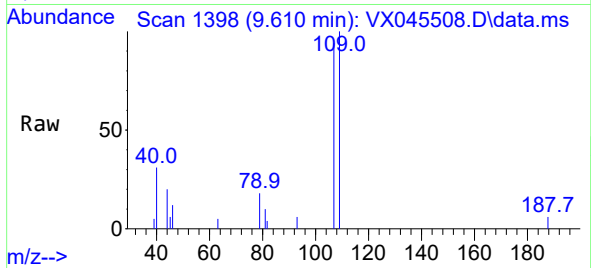




#50
1,2-Dibromoethane
Concen: 1.74 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

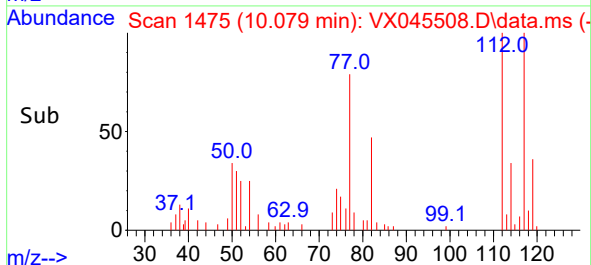
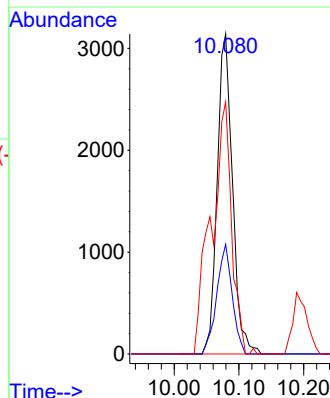
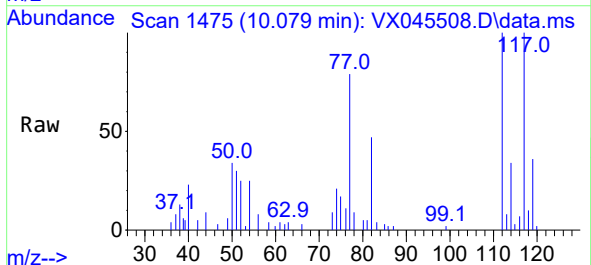
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

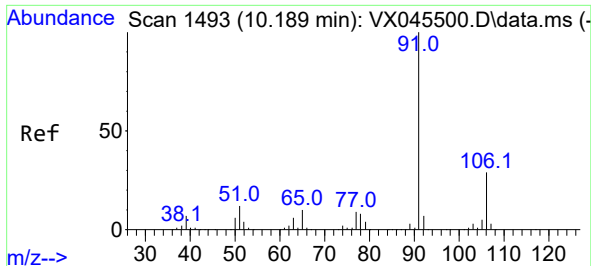
Tgt Ion:107 Resp: 2062
Ion Ratio Lower Upper
107 100
109 106.2 67.2 124.8
188 5.9 2.2 3.4#



#51
Chlorobenzene
Concen: 1.82 ug/L m
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:112 Resp: 5147
Ion Ratio Lower Upper
112 100
114 34.2 22.4 41.6
77 78.7 49.2 73.8#

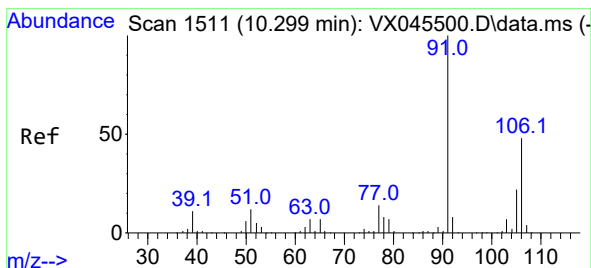
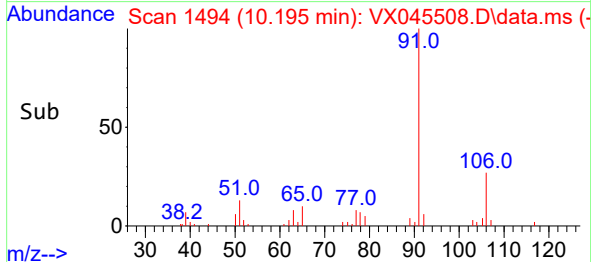
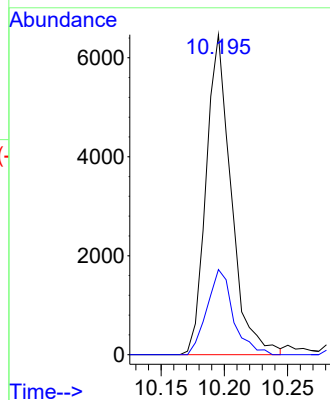
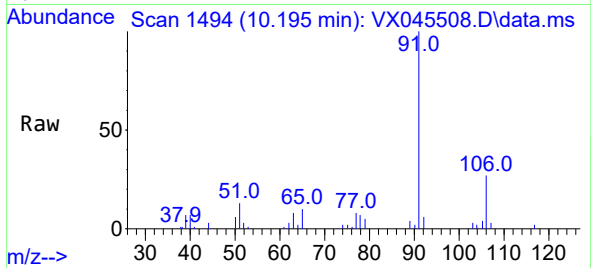




#52
Ethylbenzene
Concen: 1.76 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

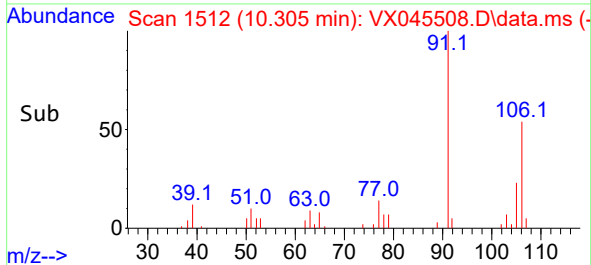
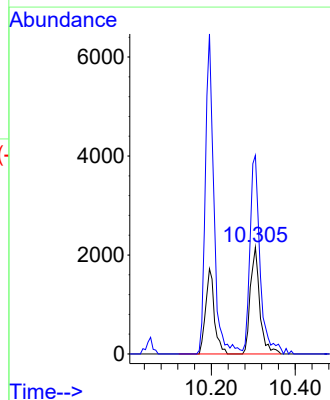
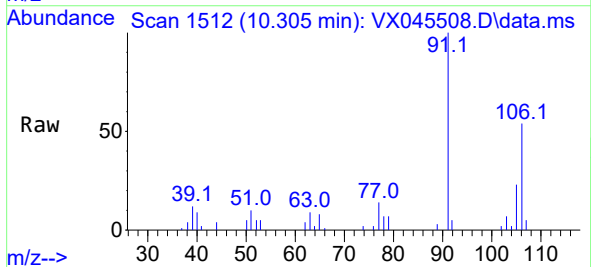
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

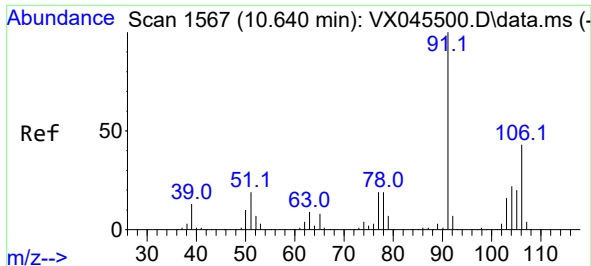
Tgt Ion: 91 Resp: 8909
Ion Ratio Lower Upper
91 100
106 26.6 21.1 39.3



#53
m,p-Xylene
Concen: 3.19 ug/L m
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion: 106 Resp: 5847
Ion Ratio Lower Upper
106 100
91 186.1 145.2 269.6

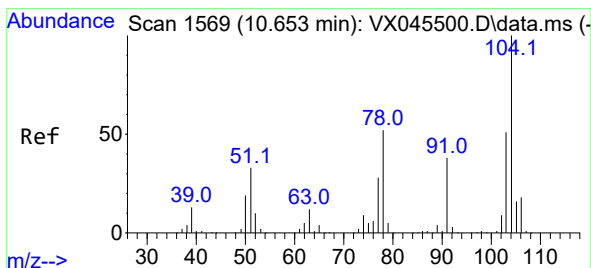
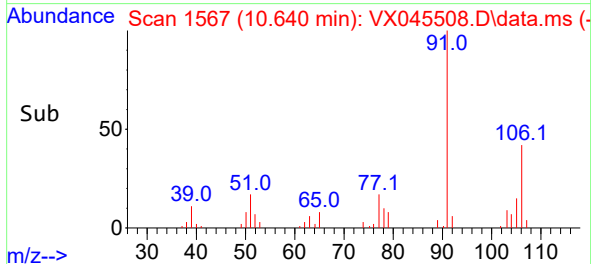
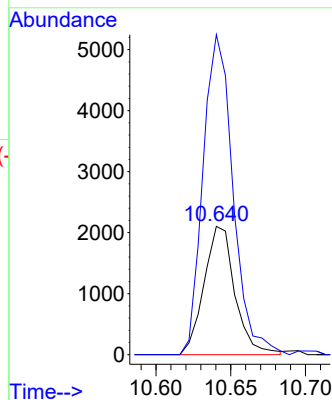
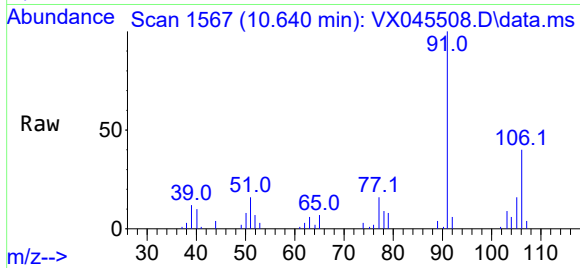




#54
o-Xylene
Concen: 1.68 ug/L
RT: 10.640 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

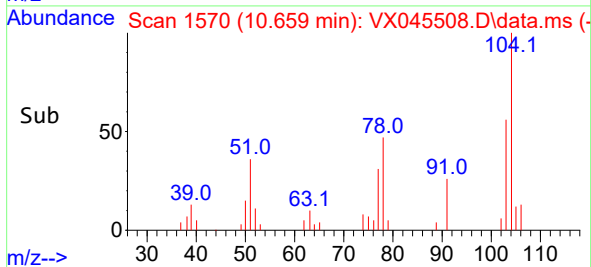
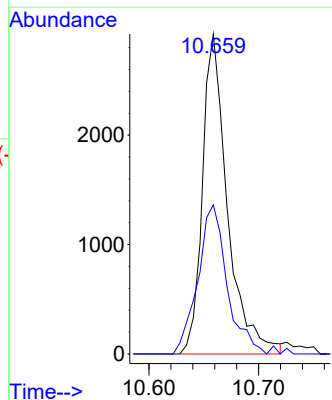
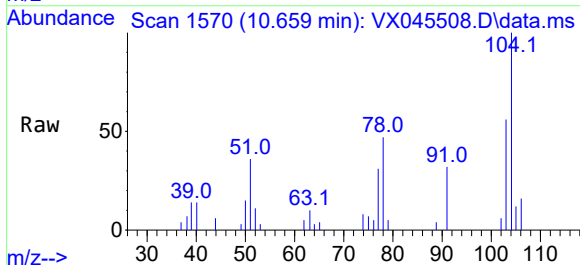
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

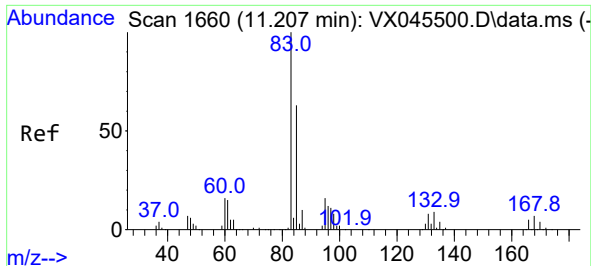
Tgt Ion:106 Resp: 3028
Ion Ratio Lower Upper
106 100
91 249.3 153.2 284.4



#55
Styrene
Concen: 1.54 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:104 Resp: 4640
Ion Ratio Lower Upper
104 100
78 46.6 32.7 60.7

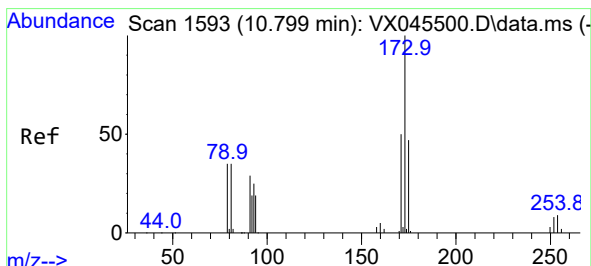
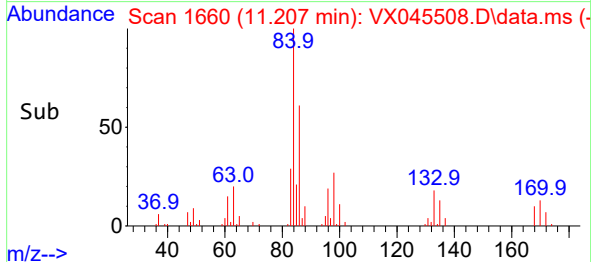
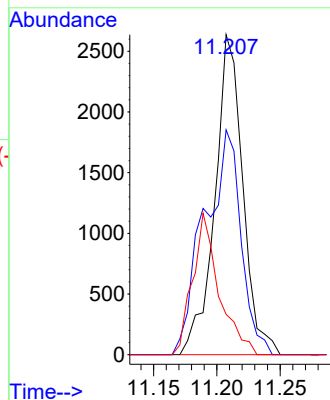
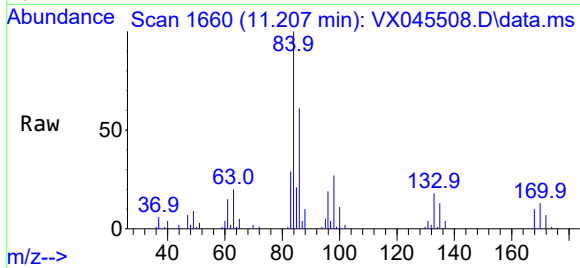




#57
1,1,2,2-Tetrachloroethane
Concen: 2.26 ug/L
RT: 11.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

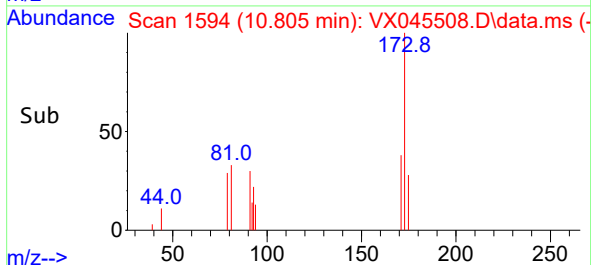
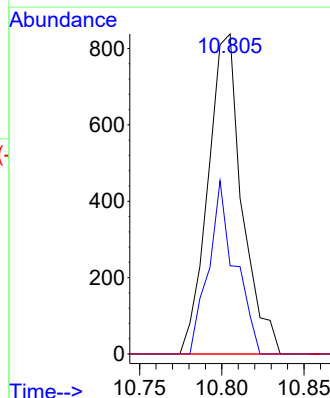
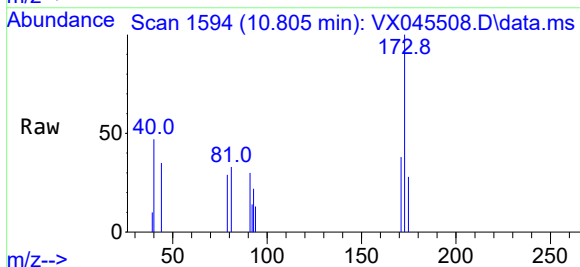
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

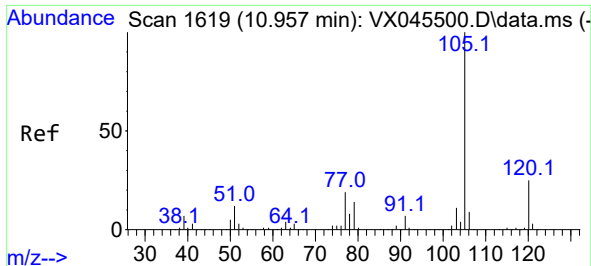
Tgt Ion:	83	Resp:	4048
Ion	Ratio	Lower	Upper
83	100		
85	70.3	44.9	83.5
131	12.6	8.0	12.0



#59
Bromoform
Concen: 1.70 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:	173	Resp:	1208
Ion	Ratio	Lower	Upper
173	100		
175	42.0	38.6	58.0
254	0.0	6.6	10.0

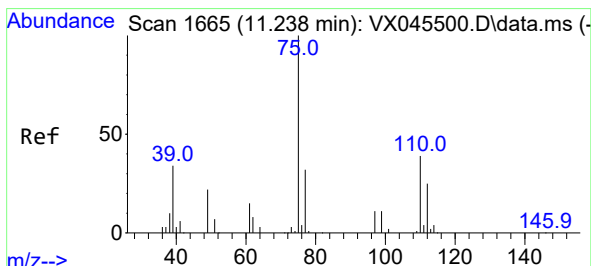
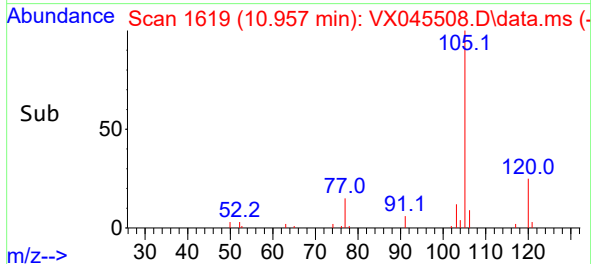
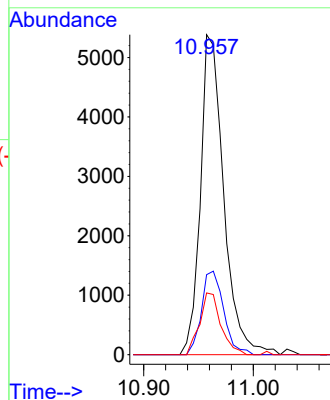
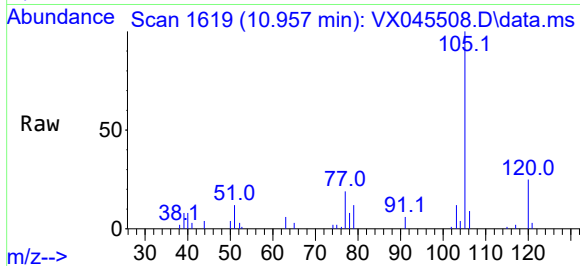




#60
Isopropylbenzene
Concen: 1.74 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

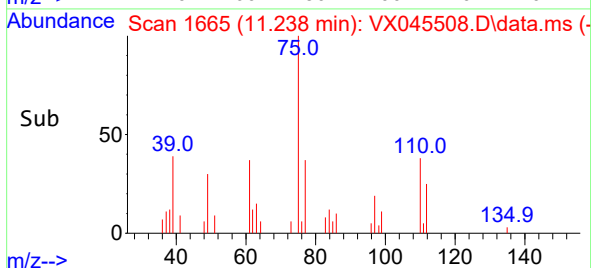
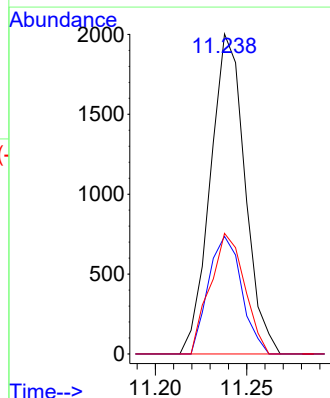
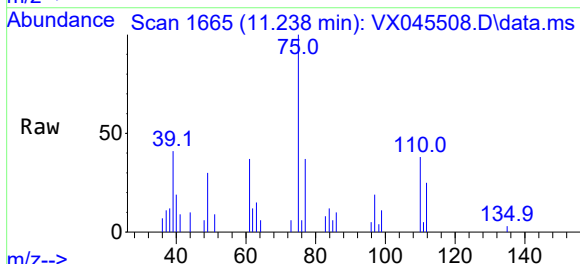
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

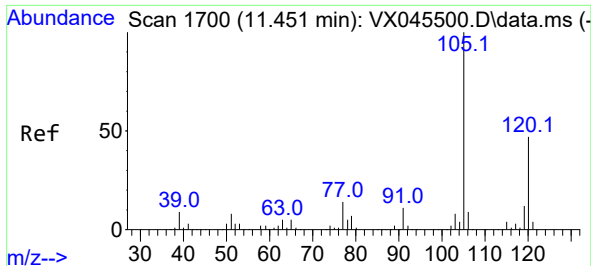
Tgt Ion:	105	Resp:	7964
Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.9	31.3
77	17.5	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 1.93 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:	75	Resp:	2640
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.8	38.6
110	37.5	30.8	46.2

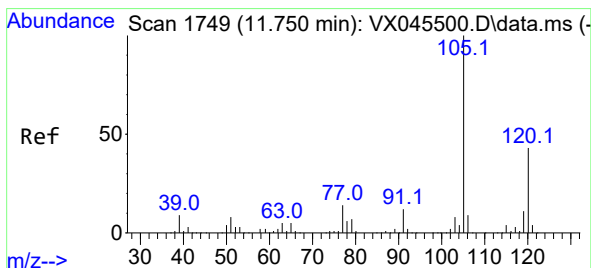
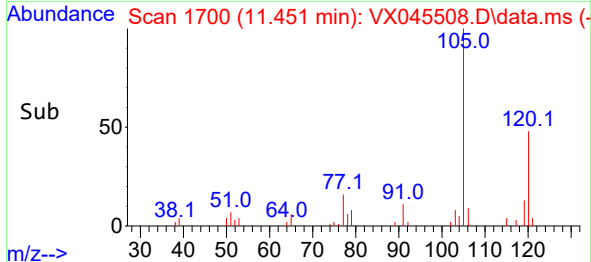
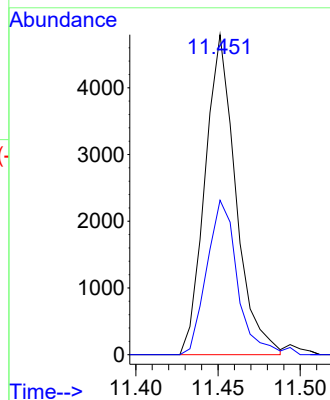
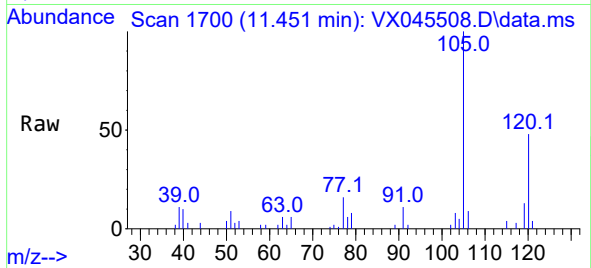




#62
1,3,5-Trimethylbenzene
Concen: 1.67 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

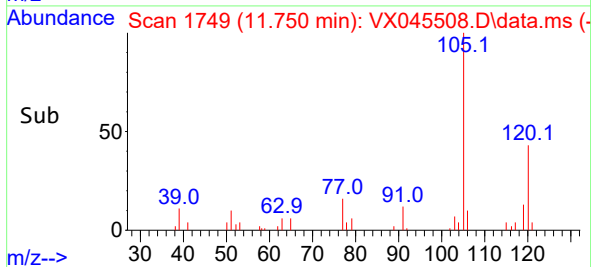
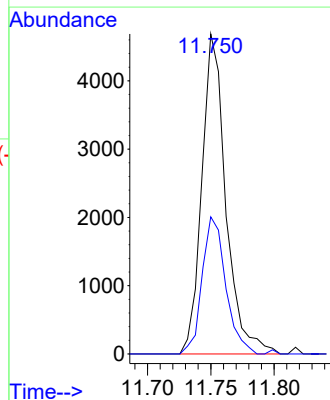
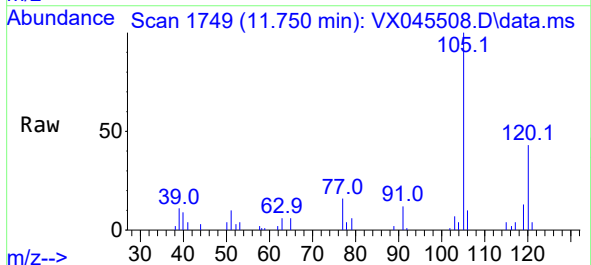
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

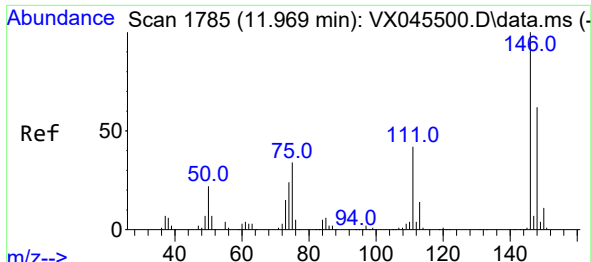
Tgt Ion:105 Resp: 6240
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 1.69 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:105 Resp: 6209
Ion Ratio Lower Upper
105 100
120 42.0 35.7 53.5

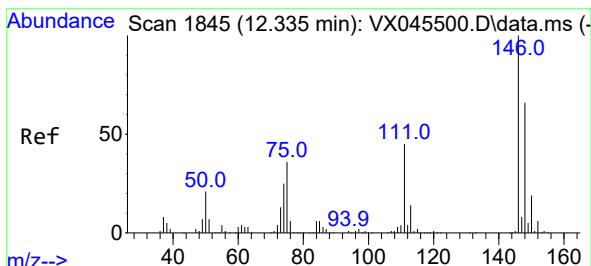
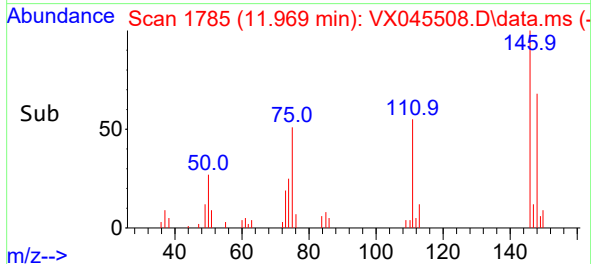
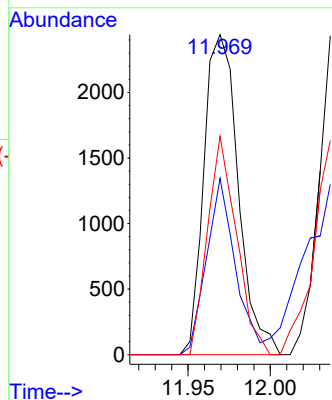
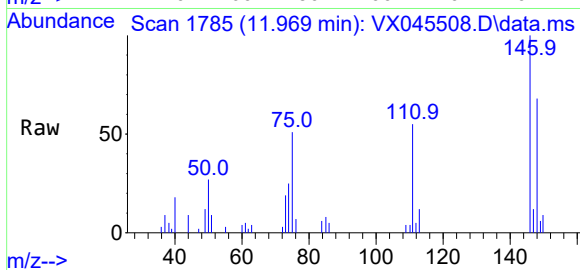




#64
1,3-Dichlorobenzene
Concen: 1.91 ug/L
RT: 11.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

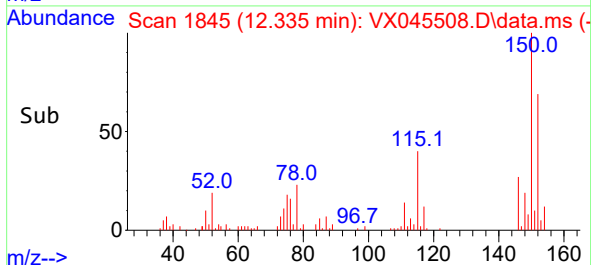
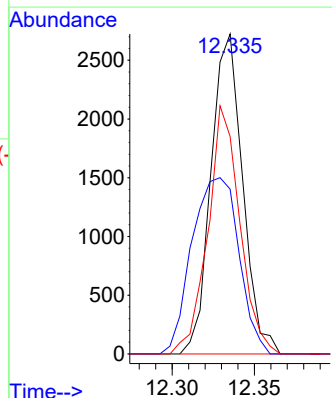
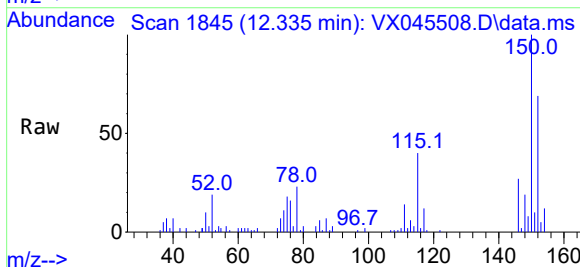
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

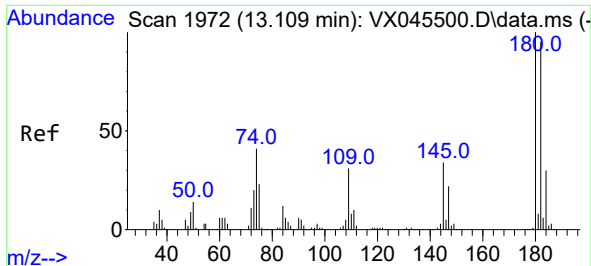
Tgt Ion:146 Resp: 3548
Ion Ratio Lower Upper
146 100
111 55.1 29.5 54.9#
148 68.3 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 1.97 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

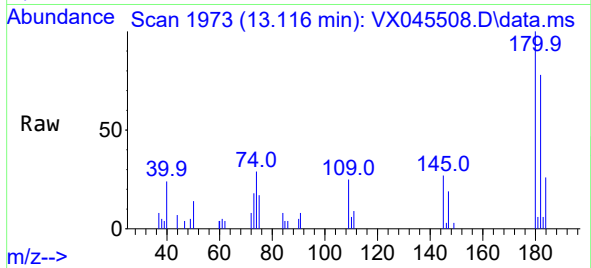
Tgt Ion:146 Resp: 3645
Ion Ratio Lower Upper
146 100
111 51.5 36.1 54.1
148 68.0 51.5 77.3



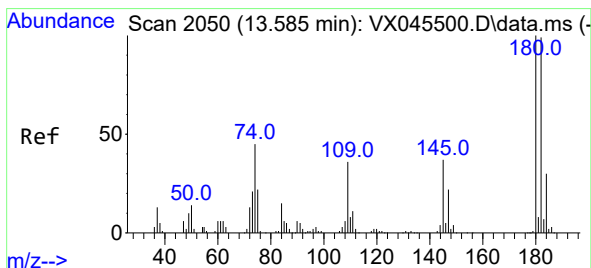
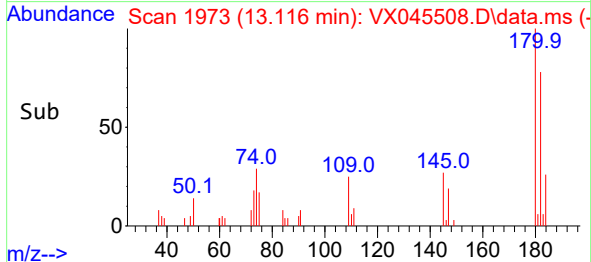
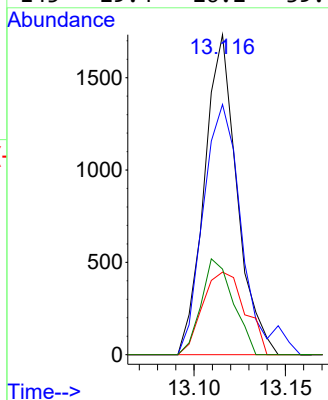


#69
1,3,5-Trichlorobenzene
Concen: 1.83 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

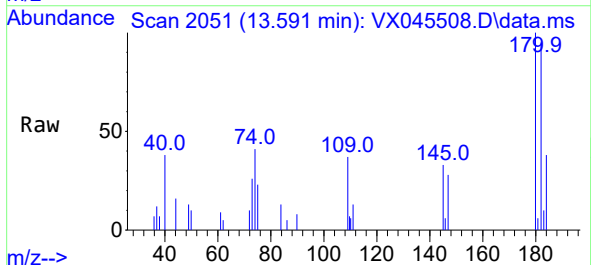
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01



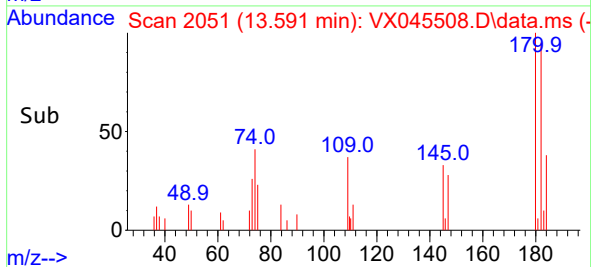
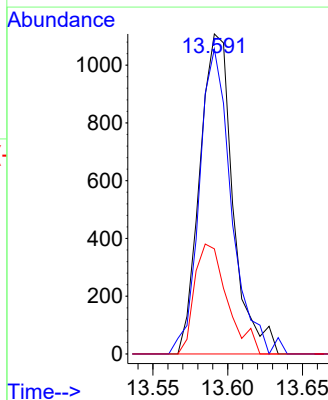
Tgt Ion:180 Resp: 2155
Ion Ratio Lower Upper
180 100
182 88.5 77.0 115.6
184 33.5 24.0 36.0
145 29.4 26.2 39.4

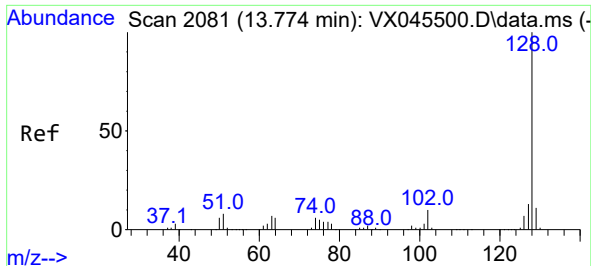


#70
1,2,4-trichlorobenzene
Concen: 1.64 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04



Tgt Ion:180 Resp: 1706
Ion Ratio Lower Upper
180 100
182 91.4 76.5 114.7
145 33.9 27.0 40.4

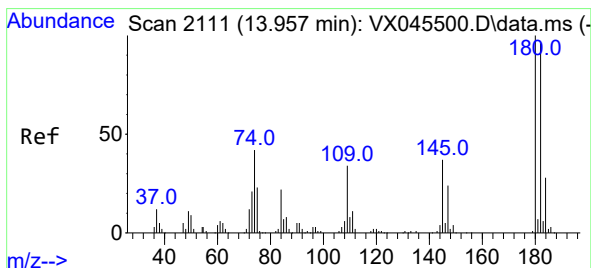
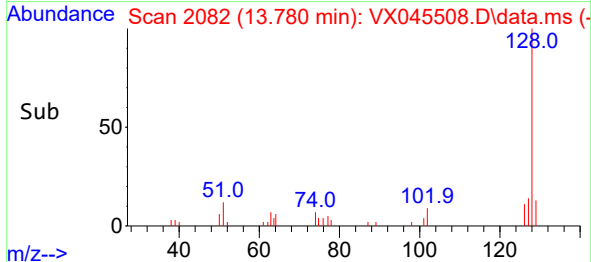
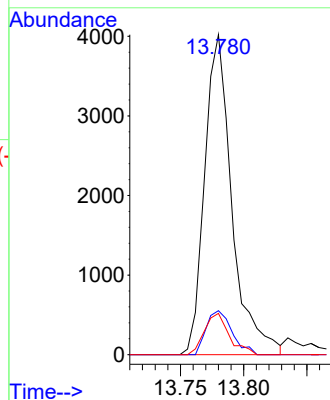
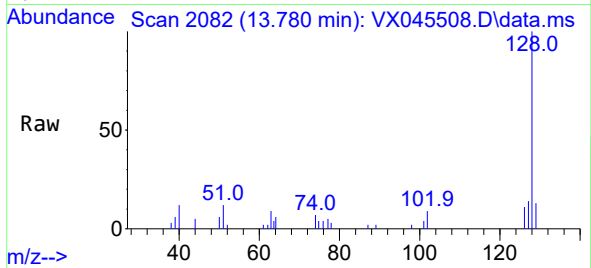




#71
Naphthalene
Concen: 1.54 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

Tgt Ion:128	Resp: 6048
Ion Ratio	Lower Upper
128	100
127	13.0 10.1 15.1
129	11.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 1.78 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045508.D
Acq: 28 Mar 2025 16:04

Tgt Ion:180	Resp: 1898
Ion Ratio	Lower Upper
180	100
182	92.6 77.1 115.7
145	30.6 28.3 42.5

