

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060925\
 Data File : VV038772.D
 Acq On : 09 Jun 2025 17:50
 Operator : SY/MD
 Sample : Q2117-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2025-03

Quant Time: Jun 10 09:11:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 09:06:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534054	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	554269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	242128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	209565	47.185	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.360%	
7) Chloroethane-d5	1.542	69	195343	48.050	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.100%	
11) 1,1-Dichloroethene-d2	2.069	65	104075	47.610	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.220%	
21) 2-Butanone-d5	3.783	46	357008	103.070	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.070%	
24) Chloroform-d	4.252	84	455308	48.120	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.240%	
26) 1,2-Dichloroethane-d4	4.940	65	292352	52.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.860%	
32) Benzene-d6	4.960	84	873980	49.976	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.960%	
36) 1,2-Dichloropropane-d6	5.985	67	303550	52.262	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.520%	
41) Toluene-d8	7.236	98	741377	48.009	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.020%	
43) trans-1,3-Dichloroprop...	7.548	79	121078	47.801	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.600%	
47) 2-Hexanone-d5	8.014	63	266959	110.784	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.780%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	426154	49.449	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.900%	
66) 1,2-Dichlorobenzene-d4	11.548	152	261780	55.708	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	9877	1.574	ug/L #	88
3) Chloromethane	1.227	50	10970	1.730	ug/L	89
5) Vinyl chloride	1.294	62	11303	1.724	ug/L #	54
6) Bromomethane	1.497	94	6182	1.899	ug/L	86
8) Chloroethane	1.561	64	7221	1.834	ug/L	85
9) Trichlorofluoromethane	1.725	101	12979	1.501	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	9993	1.952	ug/L	90
12) 1,1-Dichloroethene	2.076	96	8938	1.937	ug/L #	1
13) Acetone	2.127	43	11391	4.877	ug/L	99
14) Carbon disulfide	2.252	76	23254	1.649	ug/L	96
17) trans-1,2-Dichloroethene	2.712	96	7587	1.635	ug/L	91
19) 1,1-Dichloroethane	3.127	63	13987	1.451	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	7186	1.442	ug/L	93
29) Cyclohexane	4.590	56	9611	1.213	ug/L #	80
30) 1,1,1-Trichloroethane	4.519	97	11662	1.430	ug/L #	85
33) Benzene	5.018	78	29823	1.530	ug/L	100
34) Trichloroethene	5.850	95	7676	1.485	ug/L	91
35) Methylcyclohexane	6.047	83	11817	1.458	ug/L	98
38) Bromodichloromethane	6.442	83	10089	1.384	ug/L	91

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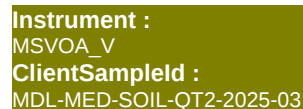
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
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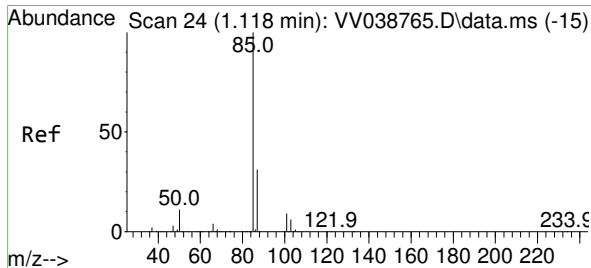
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	6.969	75	9299	1.152	ug/L	100
42) Toluene	7.323	91	28547	1.418	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	7413	1.346	ug/L	92
46) Tetrachloroethene	7.908	164	5602	1.474	ug/L	97
49) Dibromochloromethane	8.175	129	8369	1.496	ug/L	97
50) 1,2-Dibromoethane	8.288	107	8093	1.430	ug/L #	96
51) Chlorobenzene	8.808	112	21531	1.585	ug/L	99
52) Ethylbenzene	8.950	91	27709	1.278	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	15881	1.748	ug/L #	91
59) Bromoform	9.667	173	5780	1.711	ug/L #	92
60) Isopropylbenzene	9.863	105	21207	1.230	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	10702	1.808	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	16867	1.257	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	15373	1.160	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	12350	1.499	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	13857	1.562	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	15076	1.811	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.361	75	2953	1.746	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.197	180	6694	1.229	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	6694	1.437	ug/L	95
71) Naphthalene	13.438	128	18103	1.094	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.673	180	5904	1.215	ug/L #	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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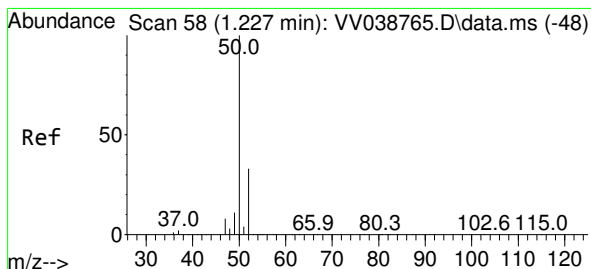
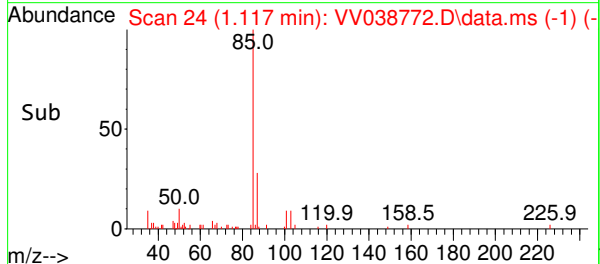
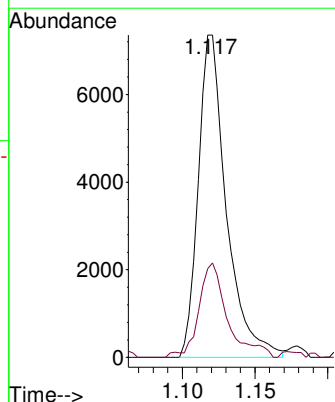
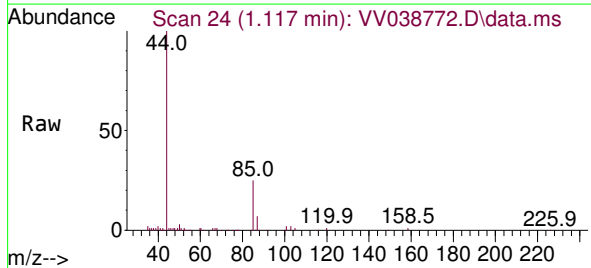




#2
Dichlorodifluoromethane
Concen: 1.574 ug/L
RT: 1.117 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

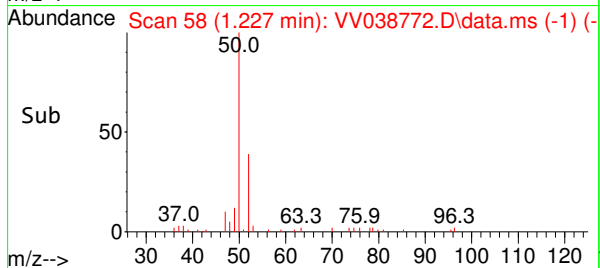
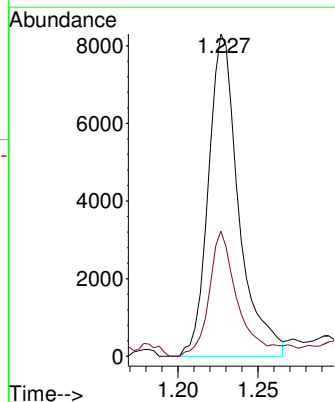
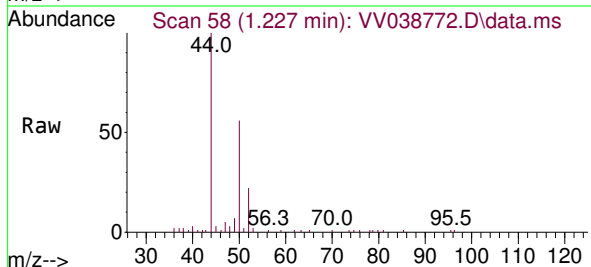
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

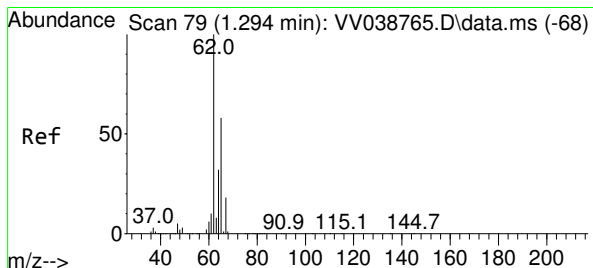
Tgt Ion: 85 Resp: 9877
Ion Ratio Lower Upper
85 100
87 25.5 25.8 38.6#



#3
Chloromethane
Concen: 1.730 ug/L
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion: 50 Resp: 10970
Ion Ratio Lower Upper
50 100
52 38.8 22.7 42.3

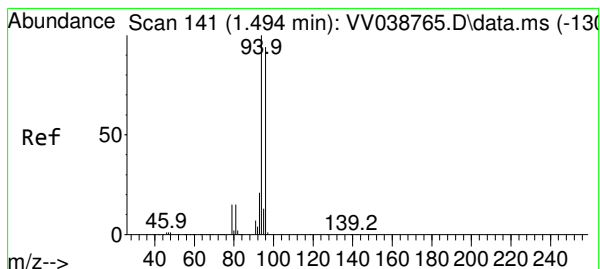
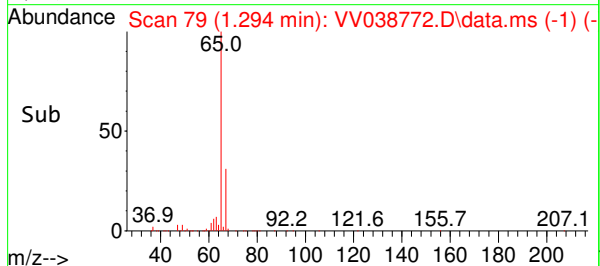
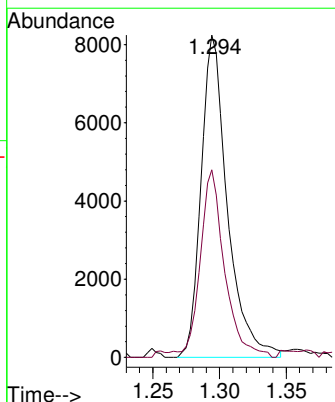
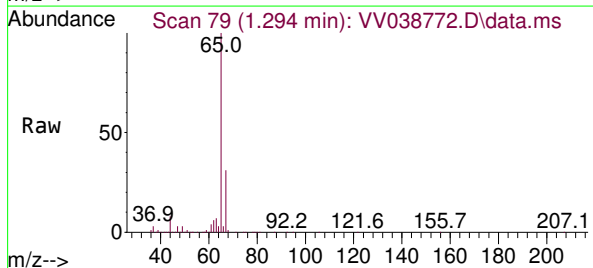




#5
 Vinyl chloride
 Concen: 1.724 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

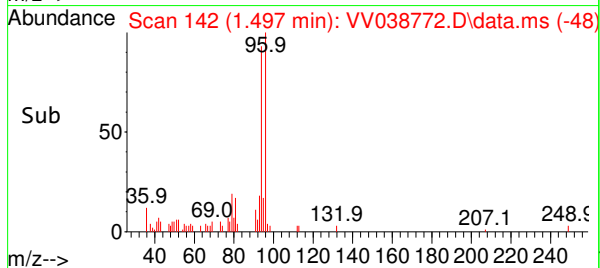
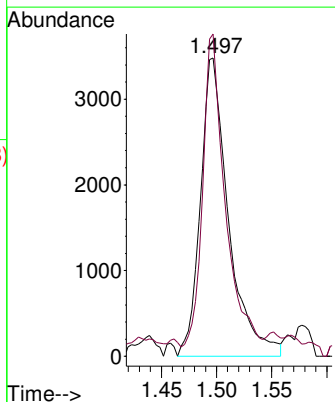
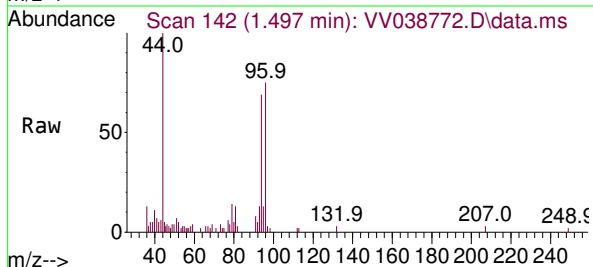
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

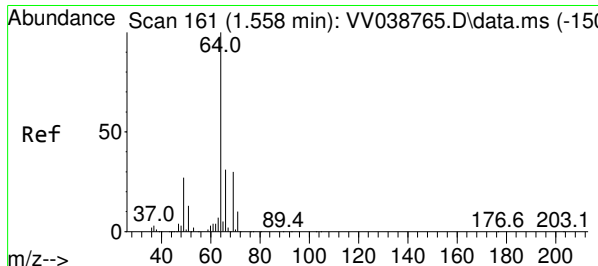
Tgt Ion: 62 Resp: 11303
 Ion Ratio Lower Upper
 62 100
 64 58.2 22.8 42.4#



#6
 Bromomethane
 Concen: 1.899 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. 0.003 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

Tgt Ion: 94 Resp: 6182
 Ion Ratio Lower Upper
 94 100
 96 108.1 66.1 122.8

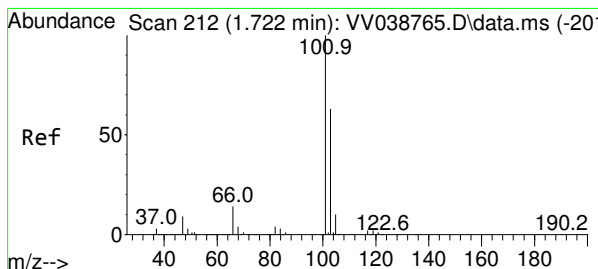
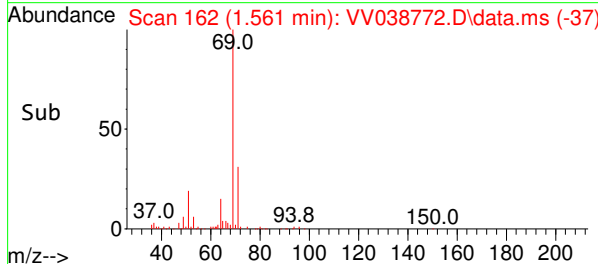
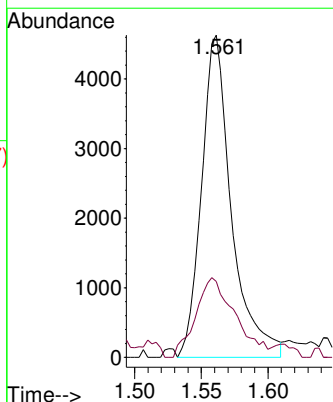
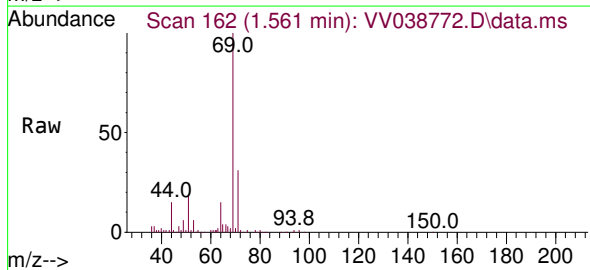




#8
Chloroethane
Concen: 1.834 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

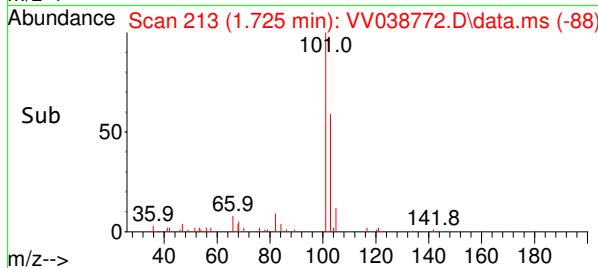
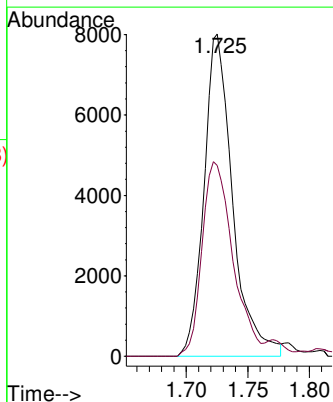
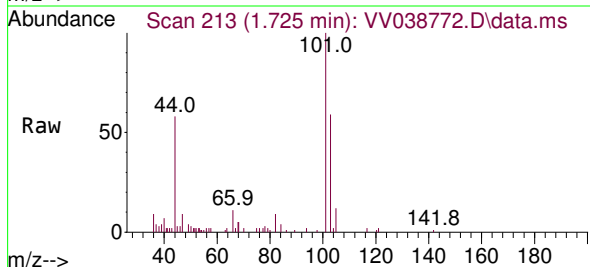
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03

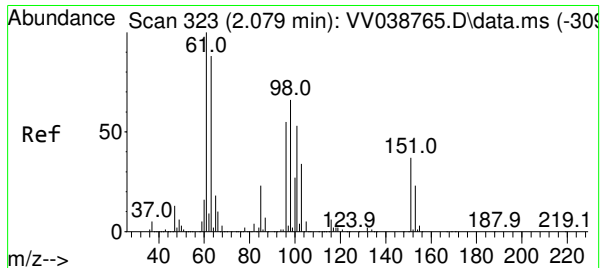
Tgt Ion: 64 Resp: 7221
Ion Ratio Lower Upper
64 100
66 23.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.501 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion: 101 Resp: 12979
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

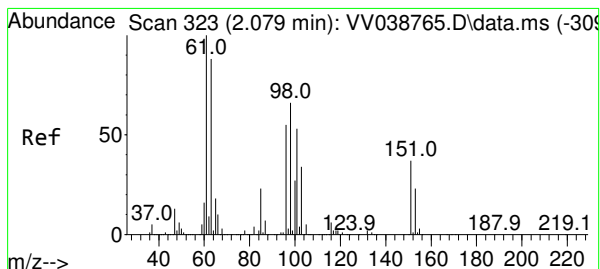
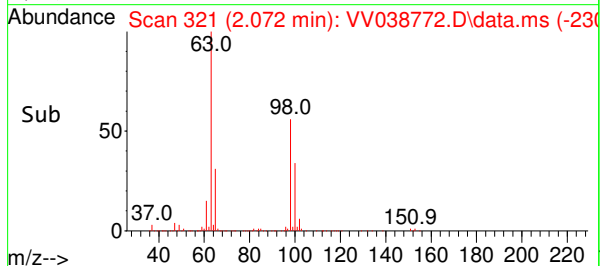
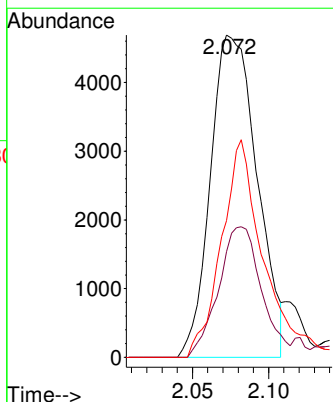
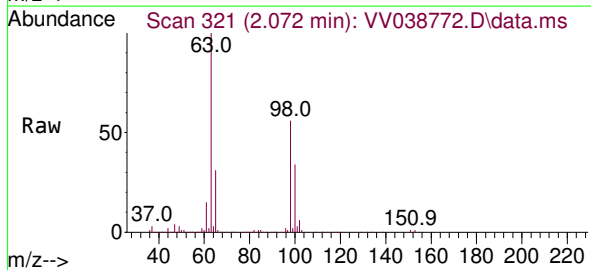




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.952 ug/L
 RT: 2.072 min Scan# 311
 Delta R.T. -0.007 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

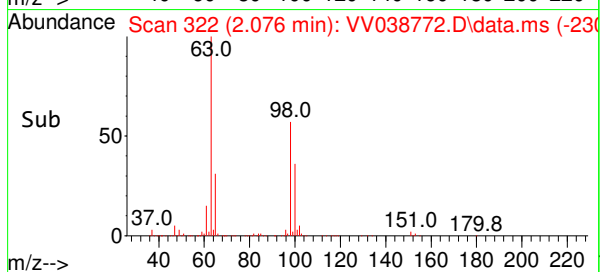
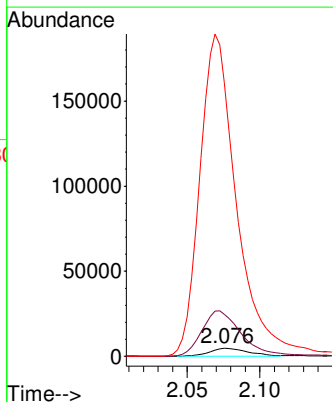
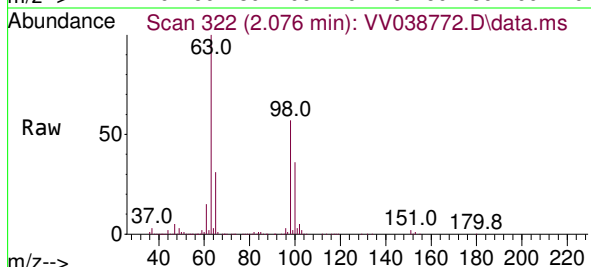
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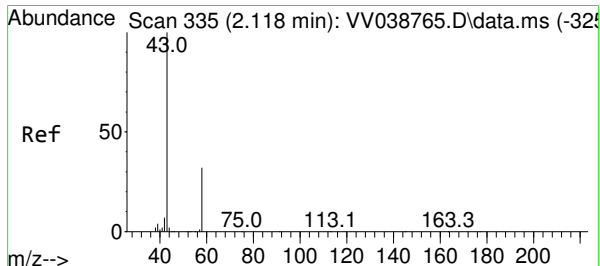
Tgt Ion:	101	Resp:	9993
Ion	Ratio	Lower	Upper
101	100		
85	37.2	34.7	52.1
151	60.6	55.3	82.9



#12
 1,1-Dichloroethene
 Concen: 1.937 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

Tgt Ion:	96	Resp:	8938
Ion	Ratio	Lower	Upper
96	100		
61	527.8	120.9	224.5#
63	3434.7	110.9	205.9#

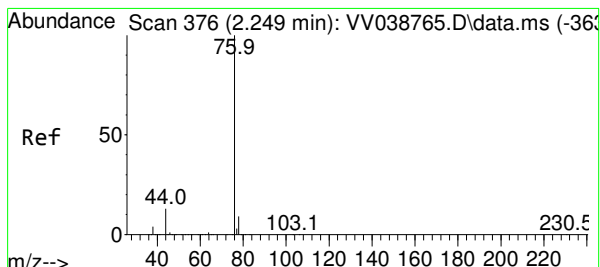
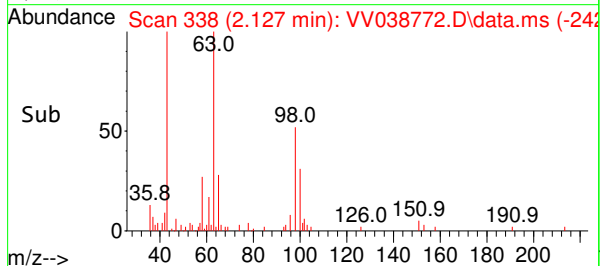
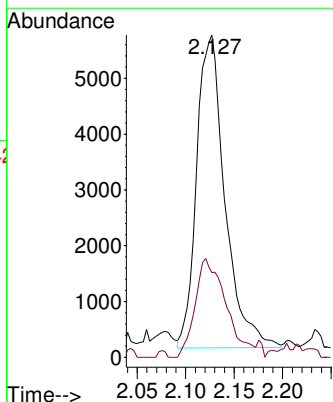
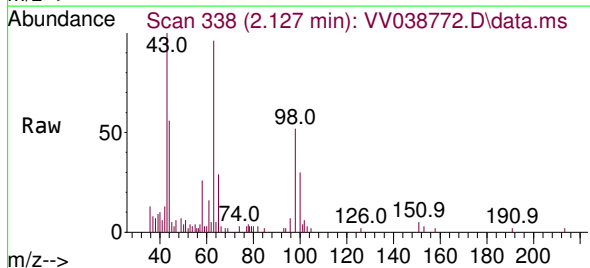




#13
Acetone
Concen: 4.877 ug/L
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV038772.D
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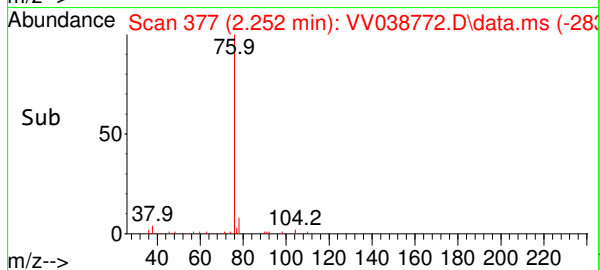
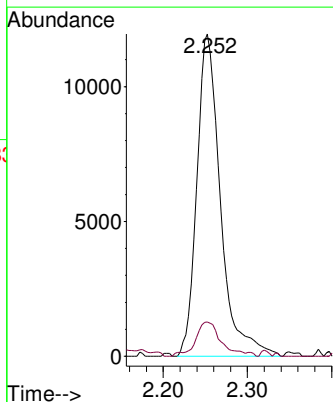
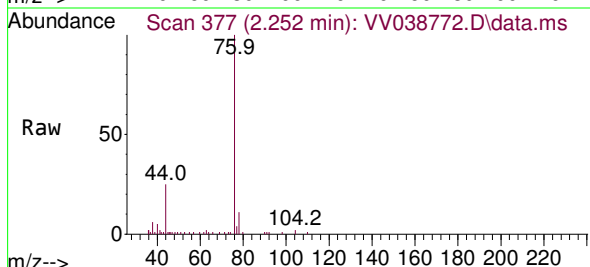
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

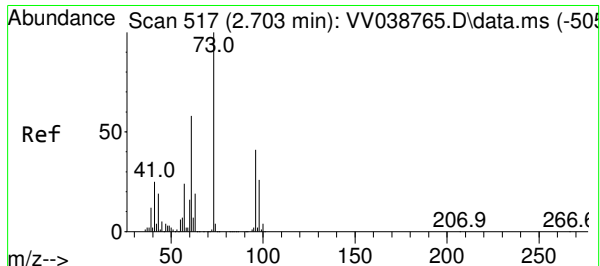
Tgt Ion: 43 Resp: 11391
Ion Ratio Lower Upper
43 100
58 34.4 0.0 67.2



#14
Carbon disulfide
Concen: 1.649 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.003 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion: 76 Resp: 23254
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

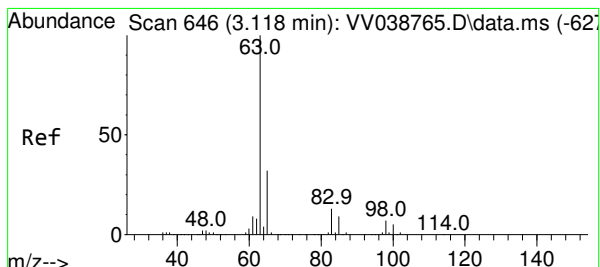
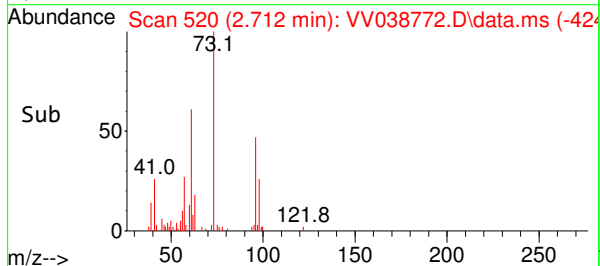
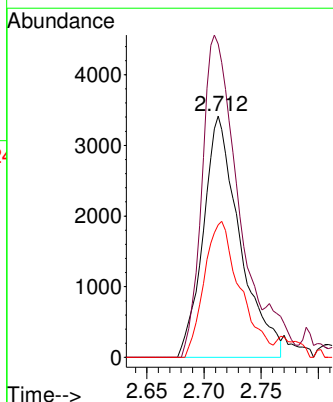
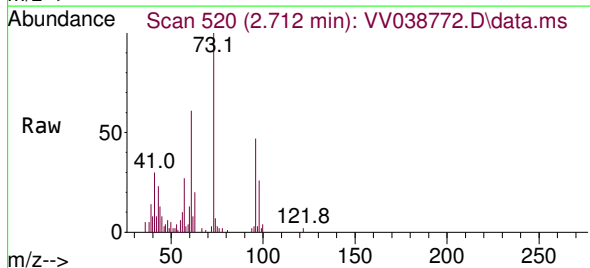




#17
trans-1,2-Dichloroethene
Concen: 1.635 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

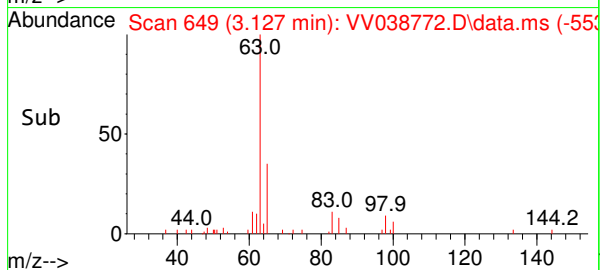
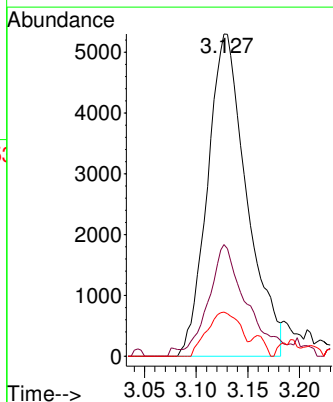
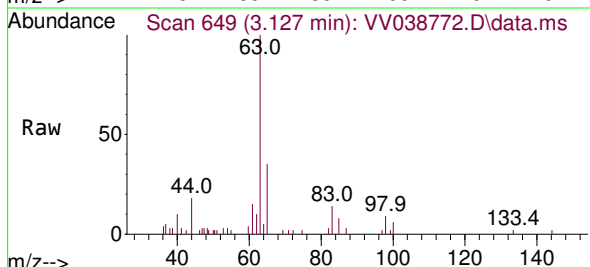
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

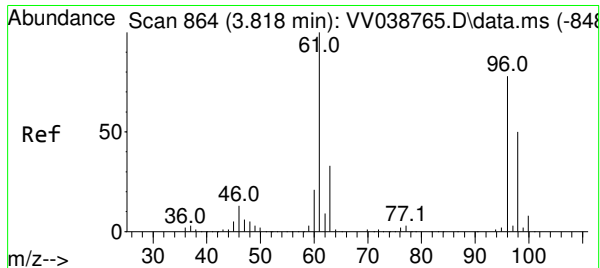
Tgt Ion:	96	Resp:	7587
Ion	Ratio	Lower	Upper
96	100		
61	129.7	95.7	177.7
98	54.9	46.4	86.2



#19
1,1-Dichloroethane
Concen: 1.451 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	63	Resp:	13987
Ion	Ratio	Lower	Upper
63	100		
65	34.7	22.6	42.0
83	13.7	9.8	18.2

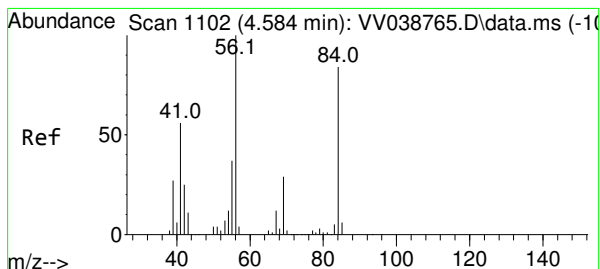
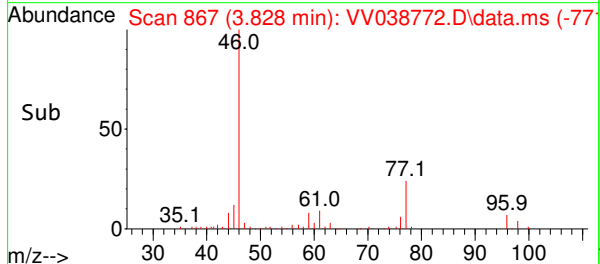
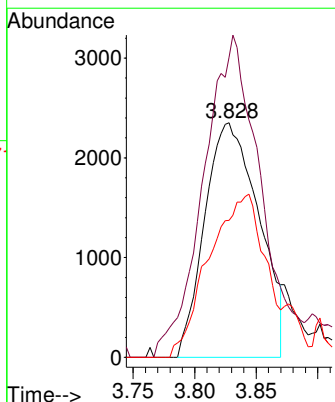
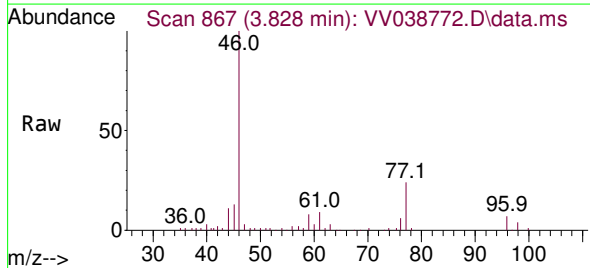




#20
 cis-1,2-Dichloroethene
 Concen: 1.442 ug/L
 RT: 3.828 min Scan# 864
 Delta R.T. 0.009 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

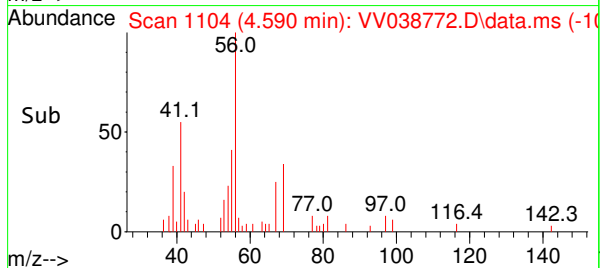
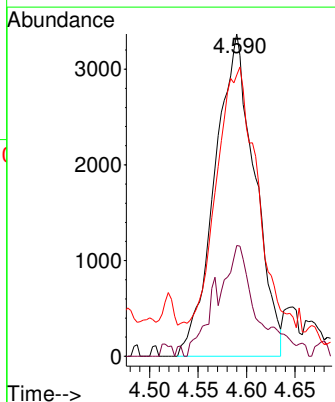
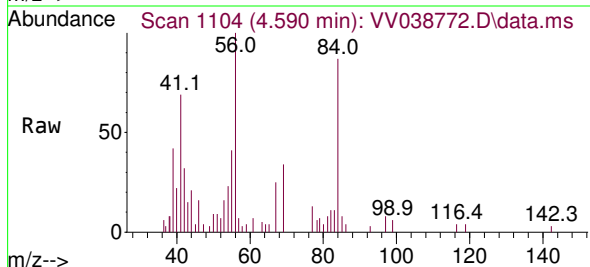
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

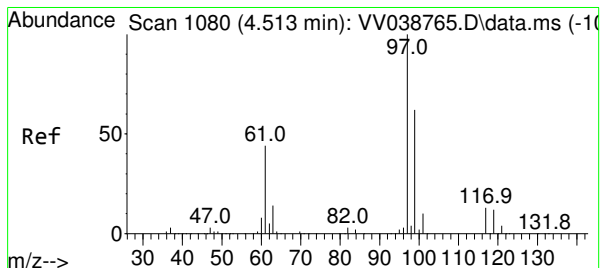
Tgt Ion:	96	Resp:	7186
Ion	Ratio	Lower	Upper
96	100		
61	128.0	83.5	155.1
98	58.4	44.6	82.8



#29
 Cyclohexane
 Concen: 1.213 ug/L
 RT: 4.590 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

Tgt Ion:	56	Resp:	9611
Ion	Ratio	Lower	Upper
56	100		
69	13.7	24.8	37.2#
84	77.2	73.7	110.5

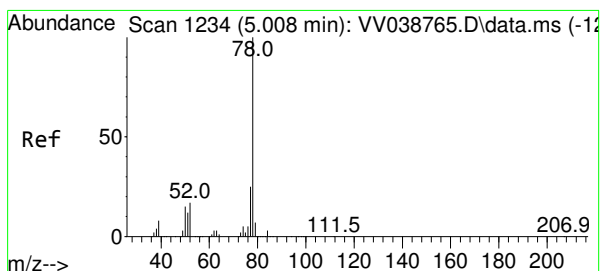
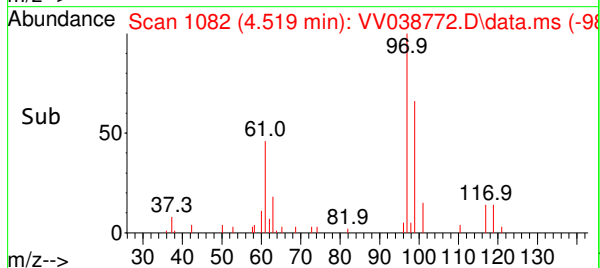
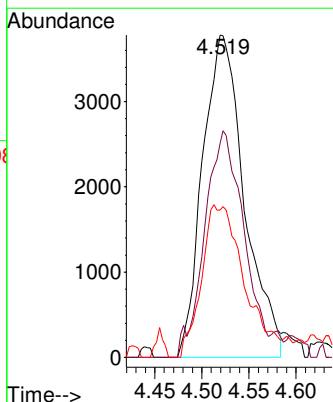
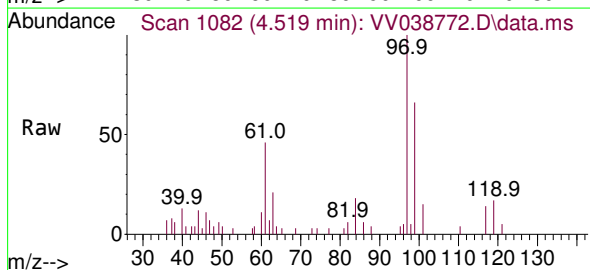




#30
1,1,1-Trichloroethane
Concen: 1.430 ug/L
RT: 4.519 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

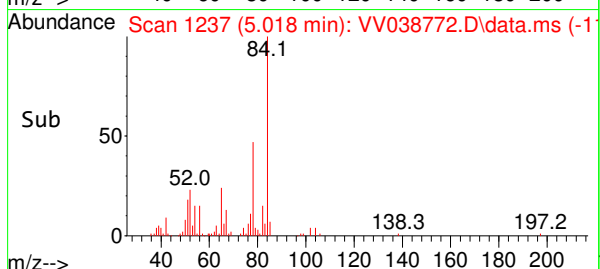
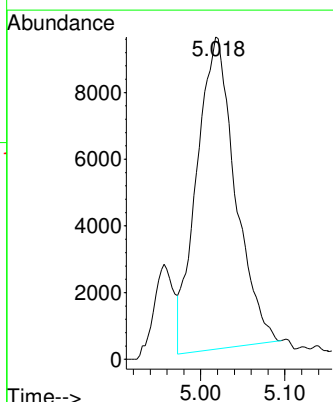
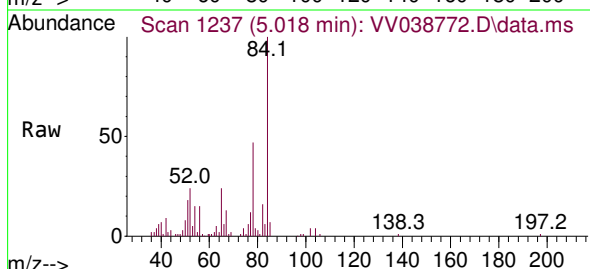
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

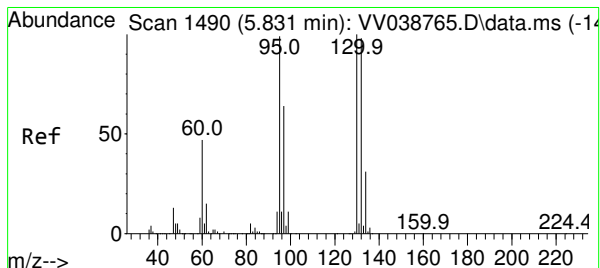
Tgt Ion: 97 Resp: 11662
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 18.8 33.6 50.4#



#33
Benzene
Concen: 1.530 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion: 78 Resp: 29823

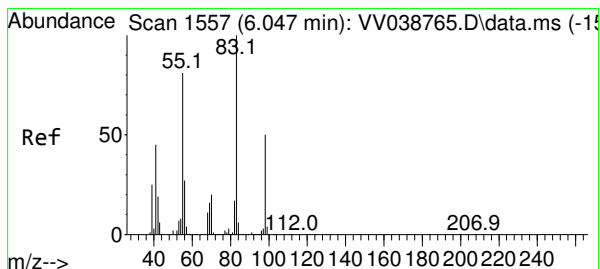
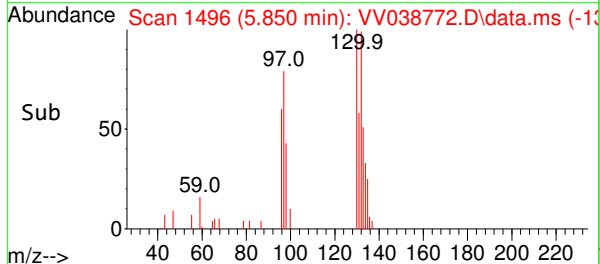
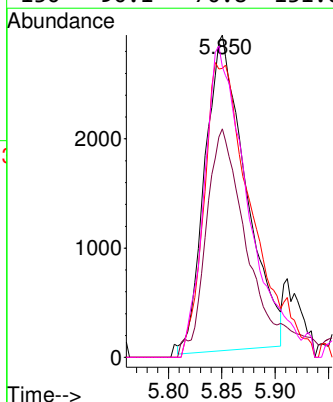
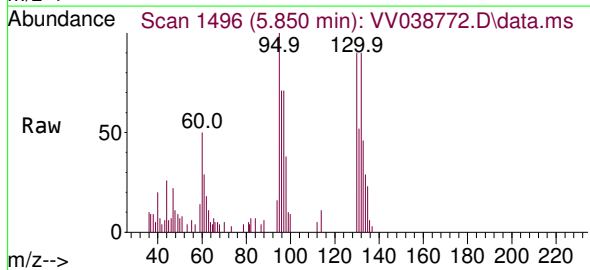




#34
Trichloroethene
Concen: 1.485 ug/L
RT: 5.850 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

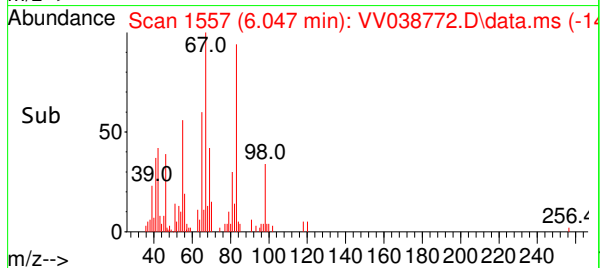
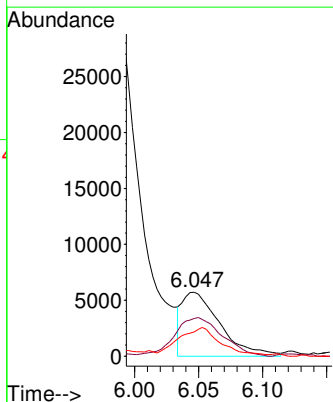
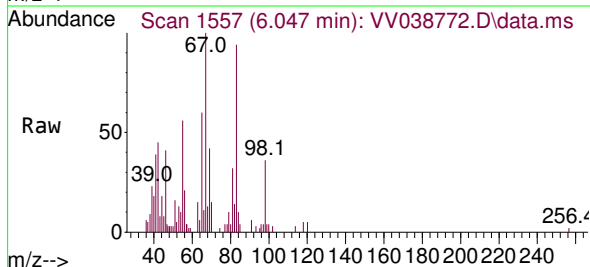
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

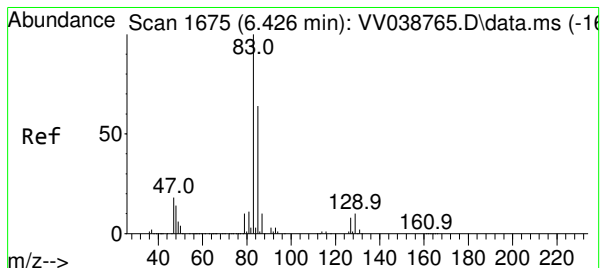
Tgt Ion:	95	Resp:	7676
Ion	Ratio	Lower	Upper
95	100		
97	70.8	45.6	84.8
132	89.6	67.6	125.6
130	90.1	70.8	131.6



#35
Methylcyclohexane
Concen: 1.458 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	83	Resp:	11817
Ion	Ratio	Lower	Upper
83	100		
55	76.3	59.0	88.6
98	50.2	39.5	59.3





#38

Bromodichloromethane

Concen: 1.384 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038772.D

Acq: 09 Jun 2025 17:50

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

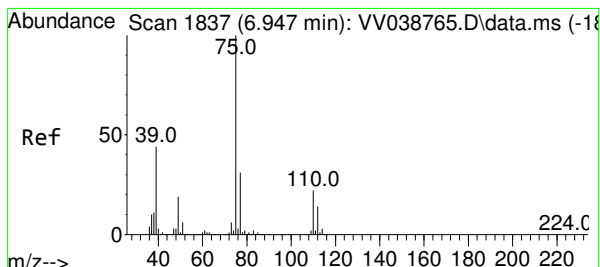
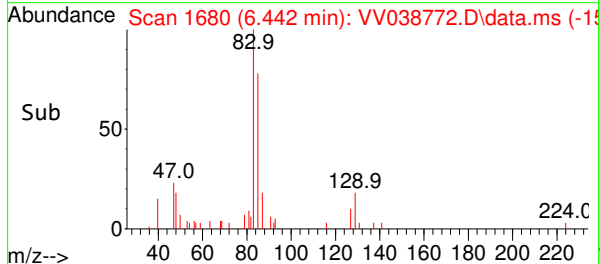
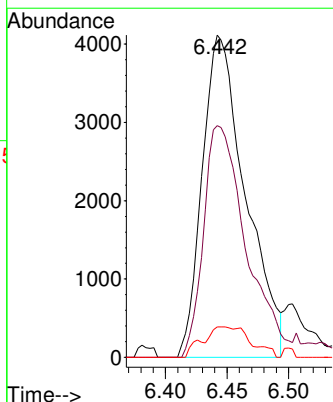
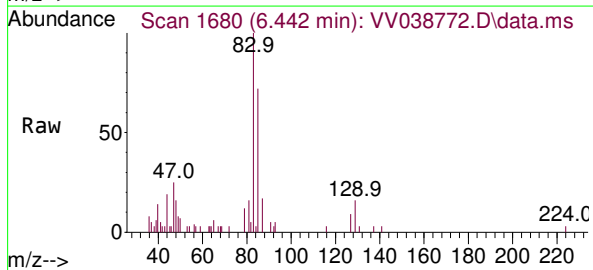
Tgt Ion: 83 Resp: 10089

Ion Ratio Lower Upper

83 100

85 71.9 44.9 83.5

127 9.4 6.8 10.2



#39

cis-1,3-Dichloropropene

Concen: 1.152 ug/L

RT: 6.969 min Scan# 1844

Delta R.T. 0.022 min

Lab File: VV038772.D

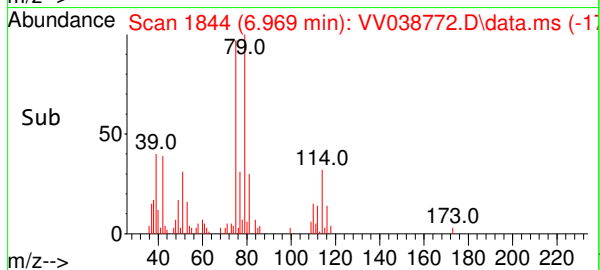
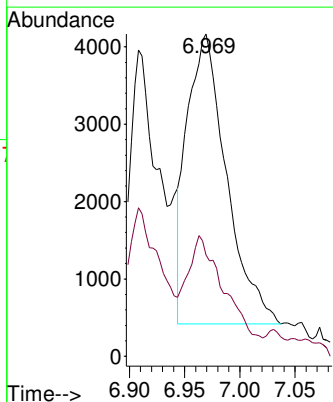
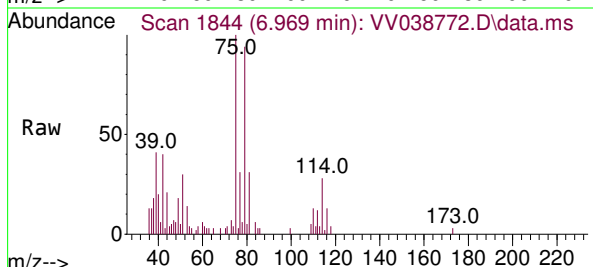
Acq: 09 Jun 2025 17:50

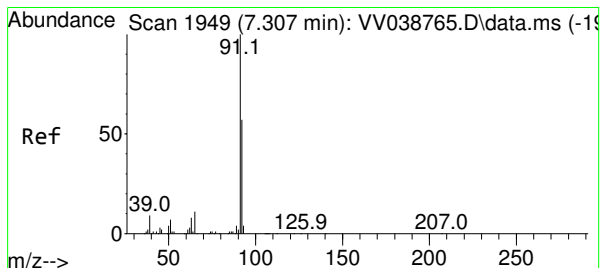
Tgt Ion: 75 Resp: 9299

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7





#42

Toluene

Concen: 1.418 ug/L

RT: 7.323 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038772.D

Acq: 09 Jun 2025 17:50

Instrument :

MSVOA_V

ClientSampleId :

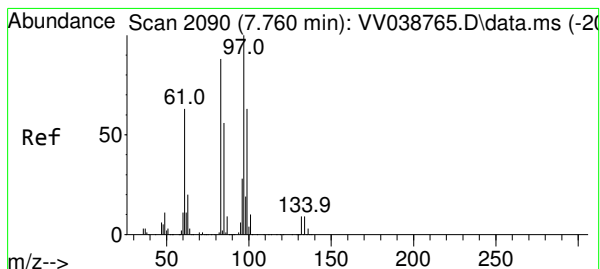
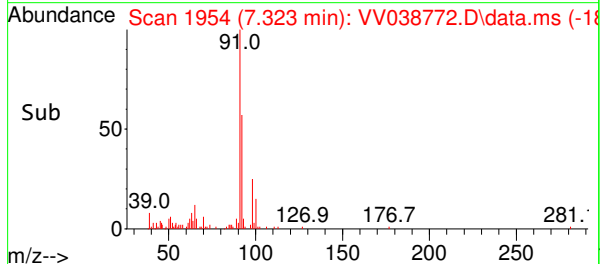
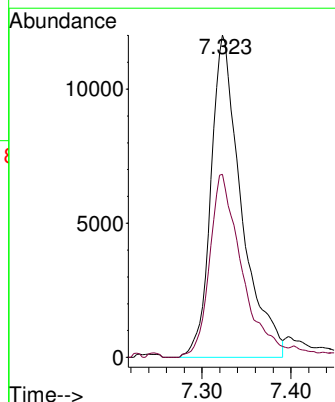
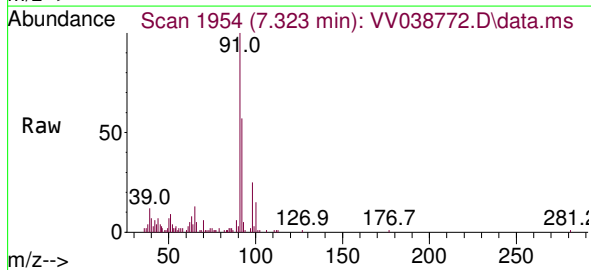
MDL-MED-SOIL-QT2-2025-03

Tgt Ion: 91 Resp: 28547

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4



#45

1,1,2-Trichloroethane

Concen: 1.346 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.016 min

Lab File: VV038772.D

Acq: 09 Jun 2025 17:50

Tgt Ion: 97 Resp: 7413

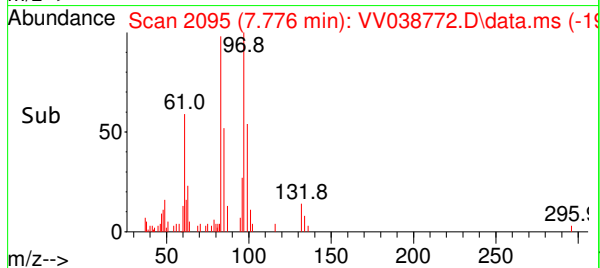
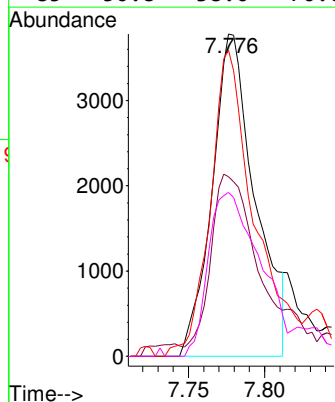
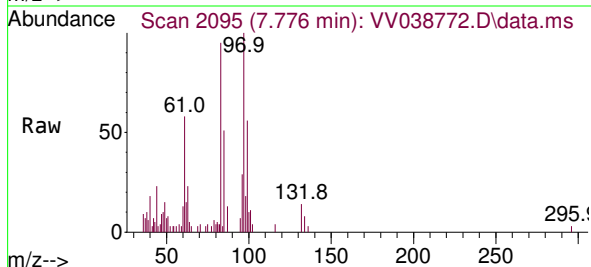
Ion Ratio Lower Upper

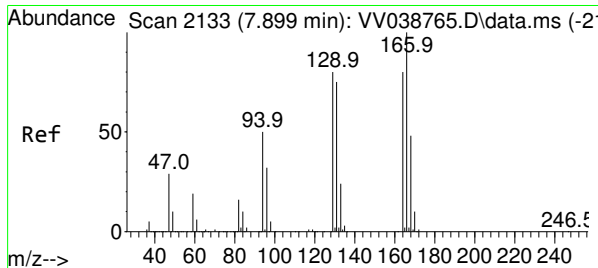
97 100

99 55.7 43.6 81.0

83 94.9 60.5 112.5

85 50.8 38.0 70.6

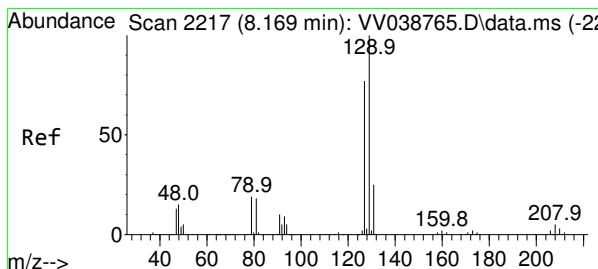
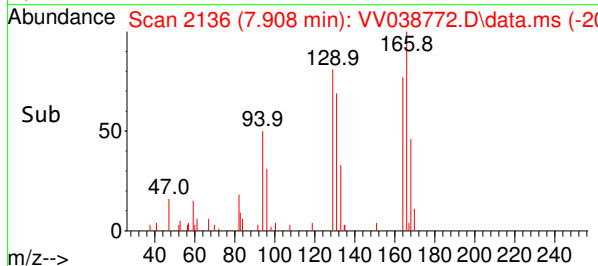
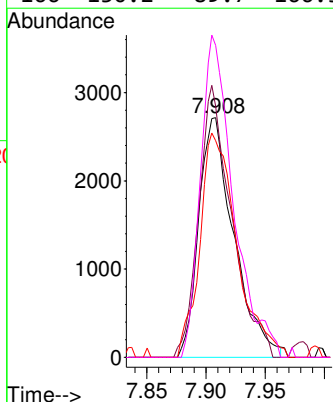
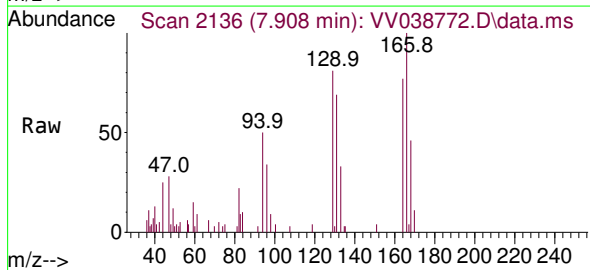




#46
Tetrachloroethene
Concen: 1.474 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

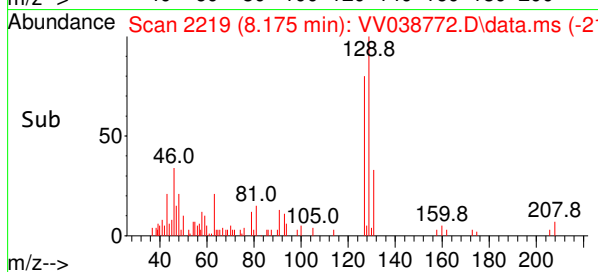
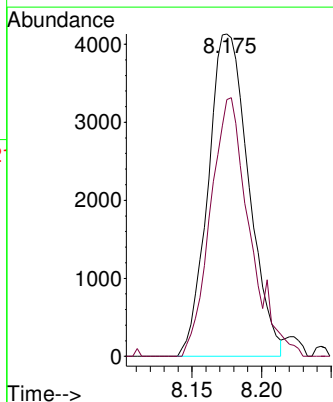
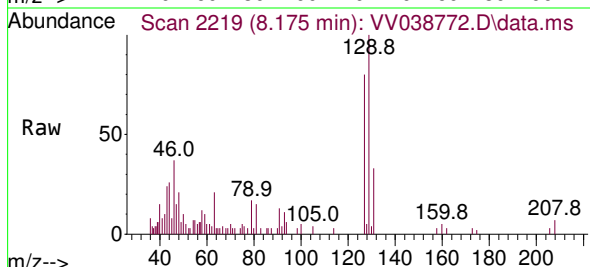
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

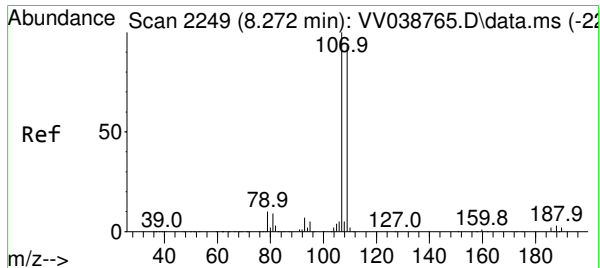
Tgt Ion:	164	Resp:	5602
Ion	Ratio	Lower	Upper
164	100		
129	104.8	69.2	128.4
131	90.4	63.1	117.3
166	130.2	89.7	166.5



#49
Dibromochloromethane
Concen: 1.496 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	129	Resp:	8369
Ion	Ratio	Lower	Upper
129	100		
127	79.6	53.8	100.0

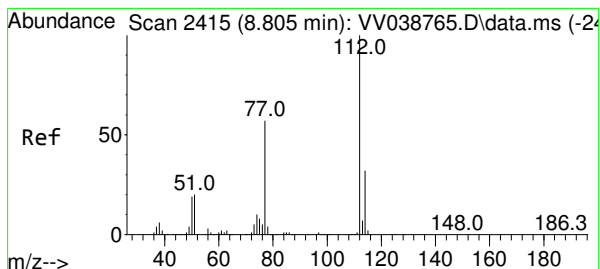
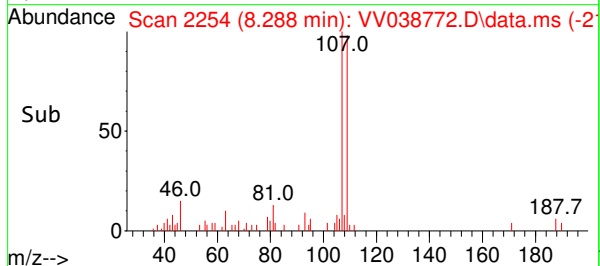
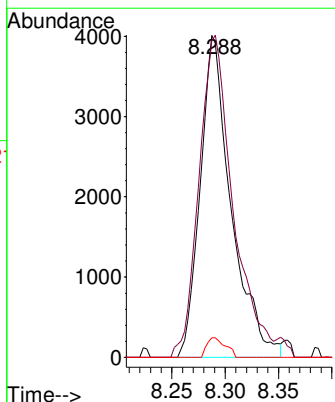
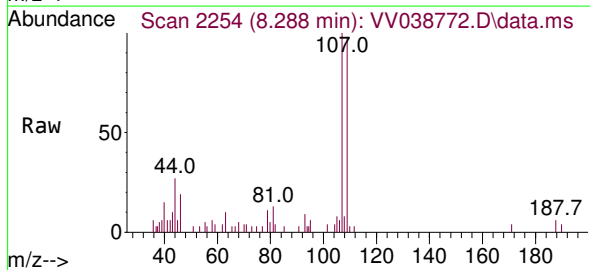




#50
1,2-Dibromoethane
Concen: 1.430 ug/L
RT: 8.288 min Scan# 215
Delta R.T. 0.016 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

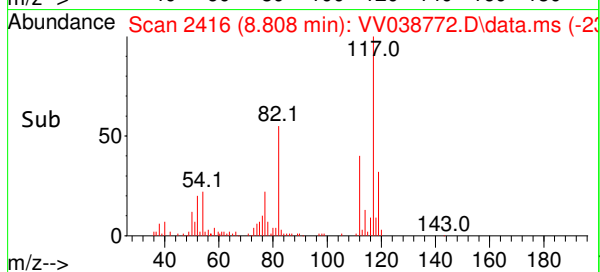
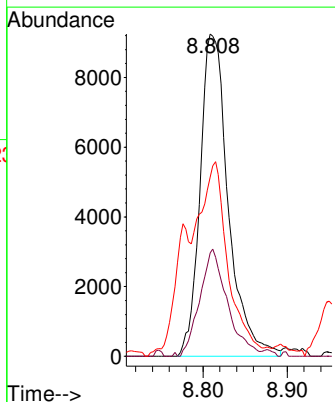
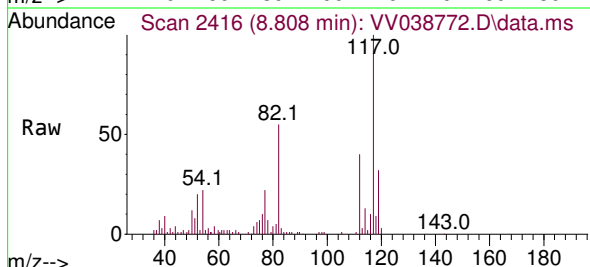
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

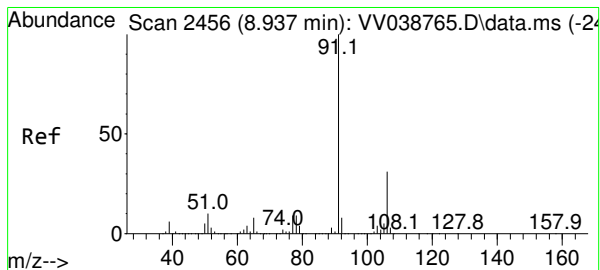
Tgt Ion:	107	Resp:	8093
Ion	Ratio	Lower	Upper
107	100		
109	98.2	66.1	122.7
188	6.1	2.6	3.8#



#51
Chlorobenzene
Concen: 1.585 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	112	Resp:	21531
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.9	40.7
77	55.6	45.4	68.0

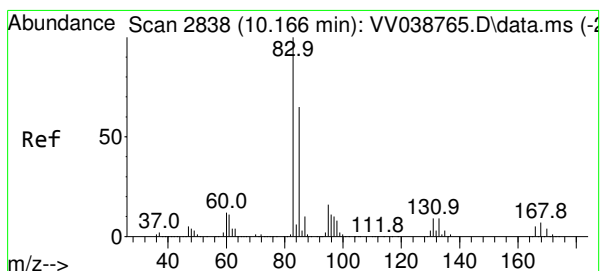
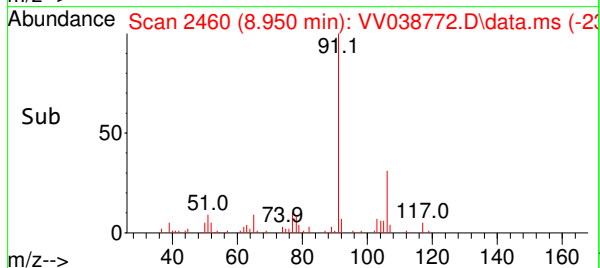
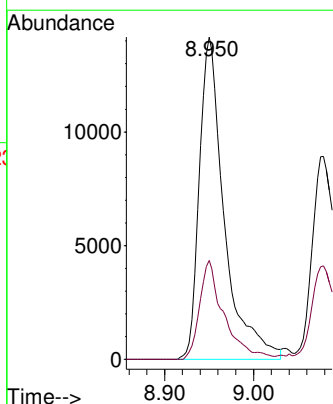
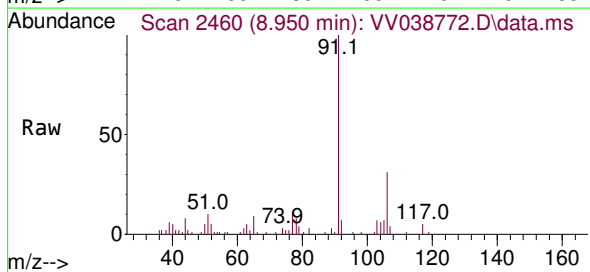




#52
Ethylbenzene
Concen: 1.278 ug/L
RT: 8.950 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

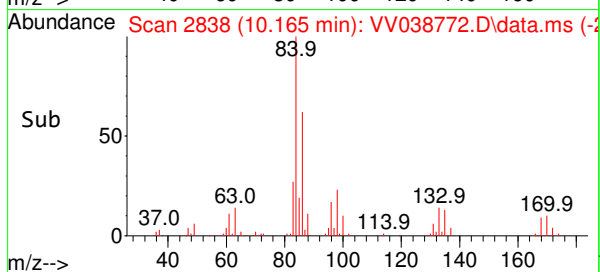
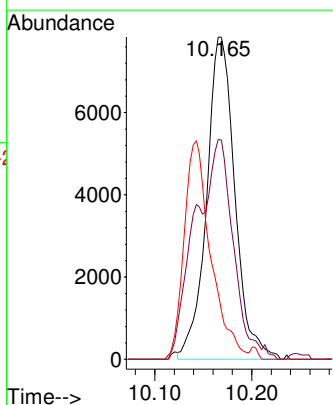
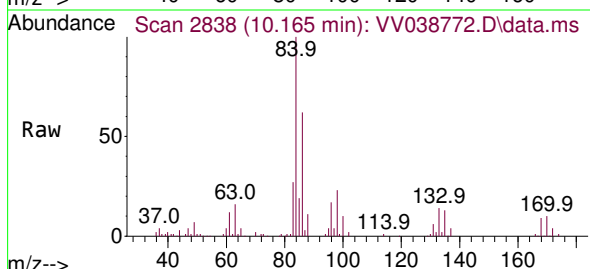
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03

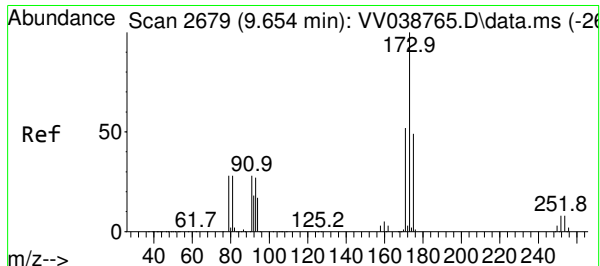
Tgt Ion: 91 Resp: 27709
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#57
1,1,2,2-Tetrachloroethane
Concen: 1.748 ug/L
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion: 83 Resp: 15881
Ion Ratio Lower Upper
83 100
85 68.2 44.7 82.9
131 20.6 8.0 12.0#

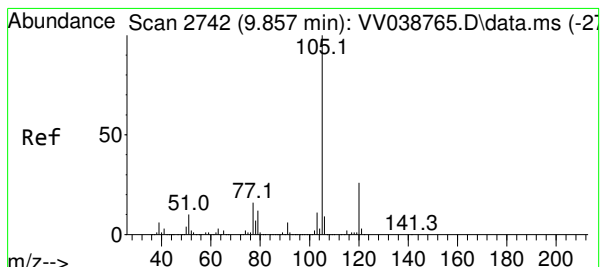
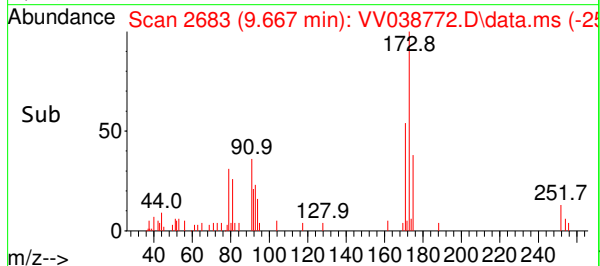
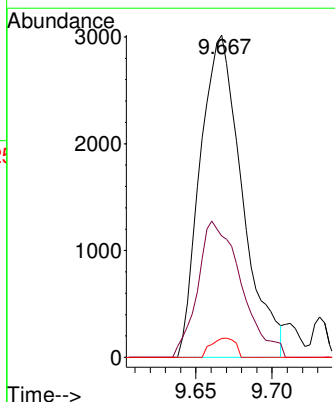
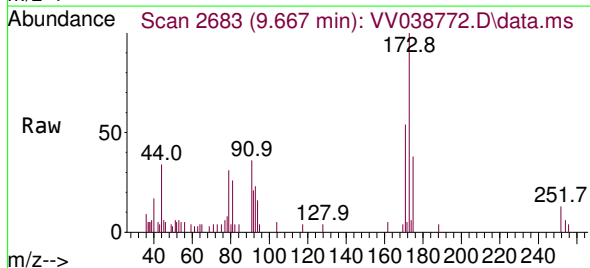




#59
Bromoform
Concen: 1.711 ug/L
RT: 9.667 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

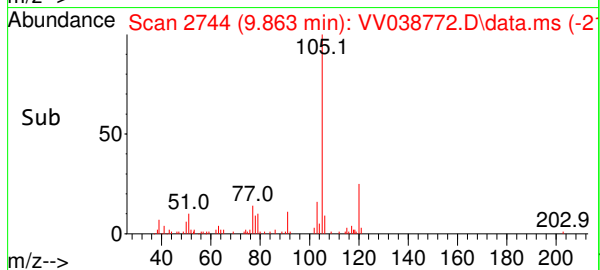
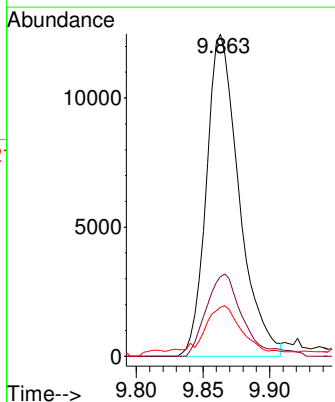
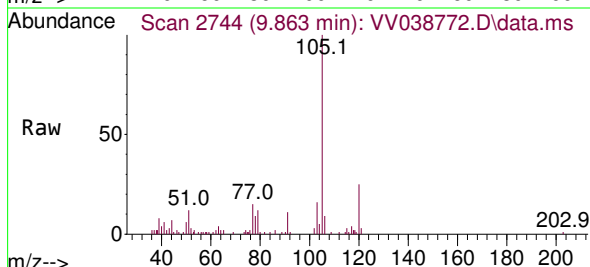
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

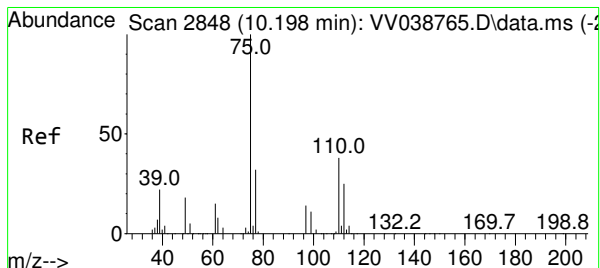
Tgt Ion:	173	Resp:	5780
Ion	Ratio	Lower	Upper
173	100		
175	43.8	38.8	58.2
254	3.4	6.9	10.3#



#60
Isopropylbenzene
Concen: 1.230 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	105	Resp:	21207
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.0	31.4
77	14.5	12.2	18.4

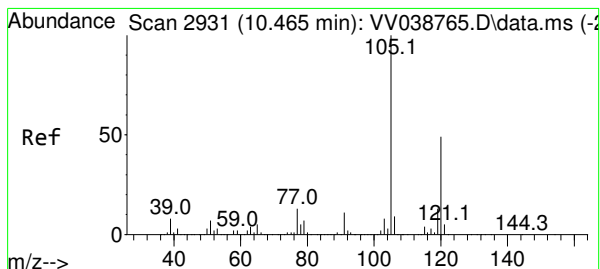
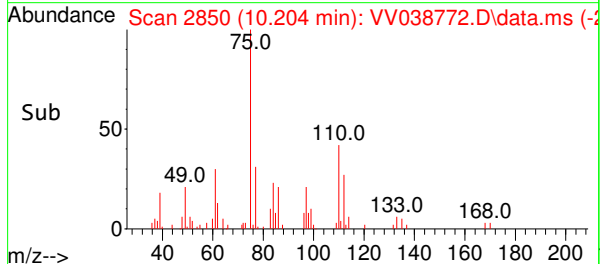
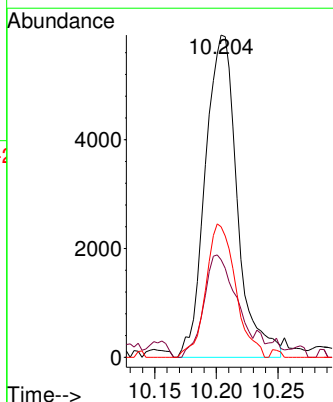
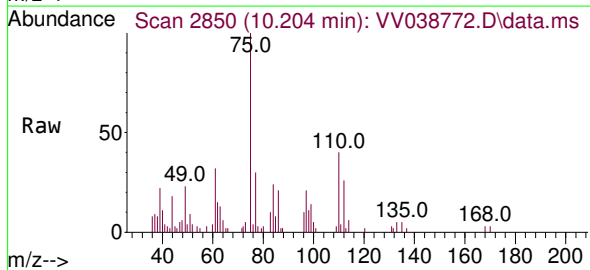




#61
1,2,3-Trichloropropane
Concen: 1.808 ug/L
RT: 10.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

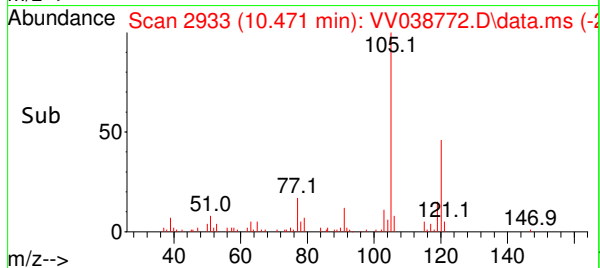
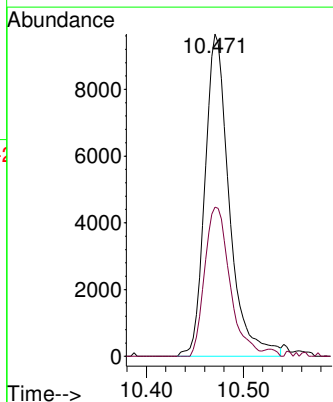
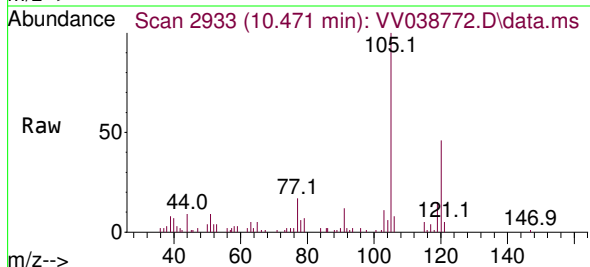
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2025-03

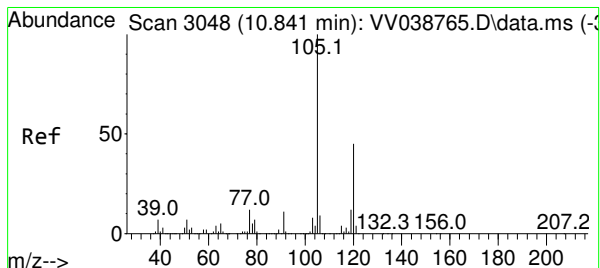
Tgt Ion: 75 Resp: 10702
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 38.5 32.2 48.4



#62
1,3,5-Trimethylbenzene
Concen: 1.257 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.006 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:105 Resp: 16867
Ion Ratio Lower Upper
105 100
120 47.9 39.1 58.7

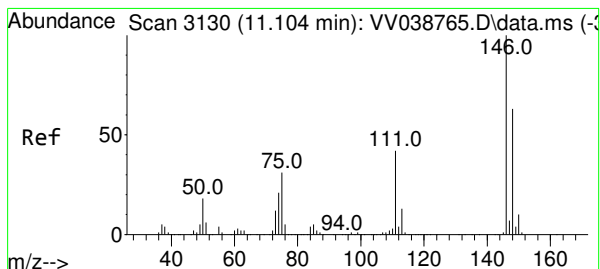
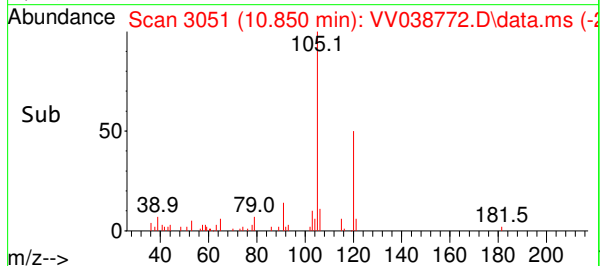
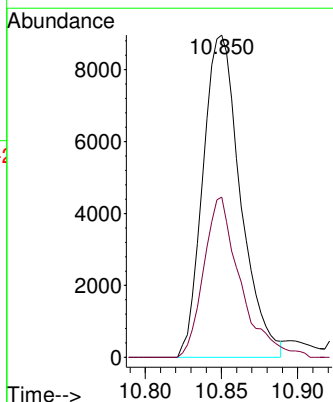
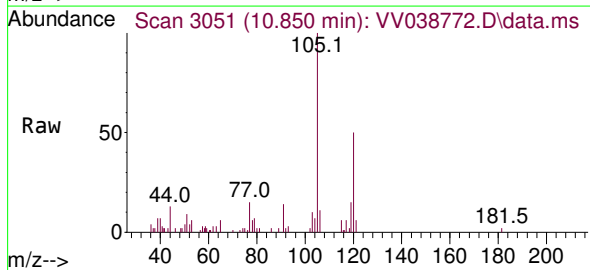




#63
1,2,4-Trimethylbenzene
Concen: 1.160 ug/L
RT: 10.850 min Scan# 313
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

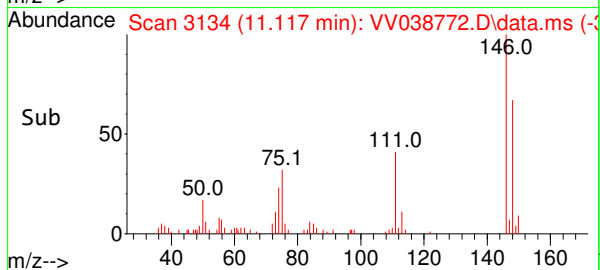
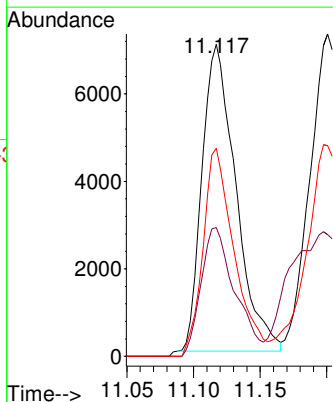
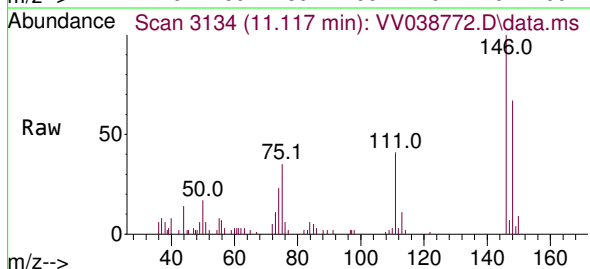
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

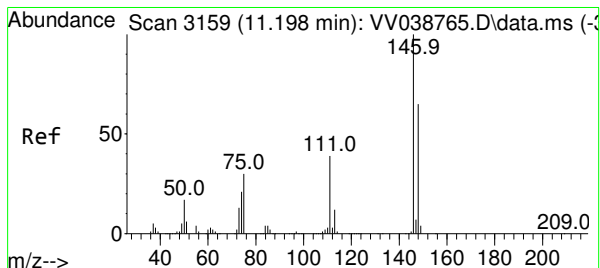
Tgt Ion:105 Resp: 15373
Ion Ratio Lower Upper
105 100
120 48.5 36.6 55.0



#64
1,3-Dichlorobenzene
Concen: 1.499 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:146 Resp: 12350
Ion Ratio Lower Upper
146 100
111 41.2 27.8 51.6
148 66.6 45.1 83.7





#65

1,4-Dichlorobenzene

Concen: 1.562 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038772.D

Acq: 09 Jun 2025 17:50

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2025-03

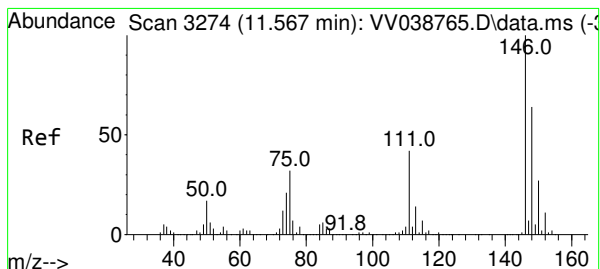
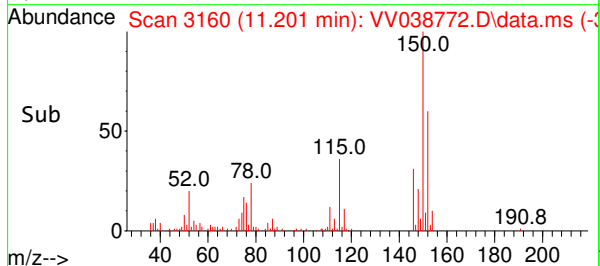
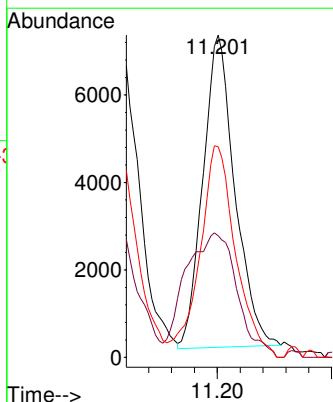
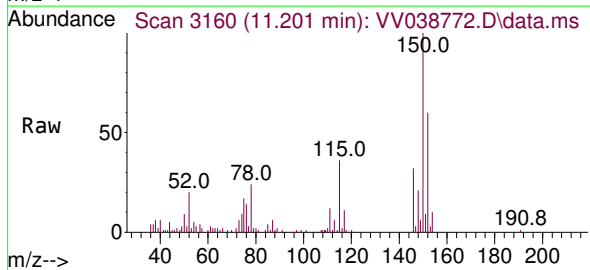
Tgt Ion:146 Resp: 13857

Ion Ratio Lower Upper

146 100

111 37.7 27.6 51.4

148 65.3 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 1.811 ug/L

RT: 11.567 min Scan# 3274

Delta R.T. 0.000 min

Lab File: VV038772.D

Acq: 09 Jun 2025 17:50

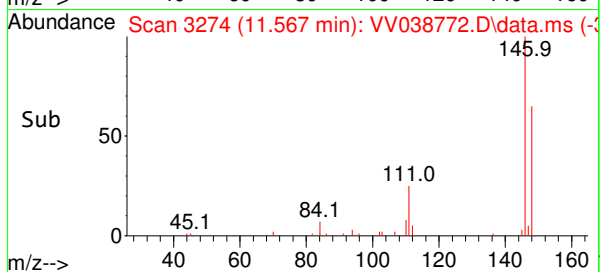
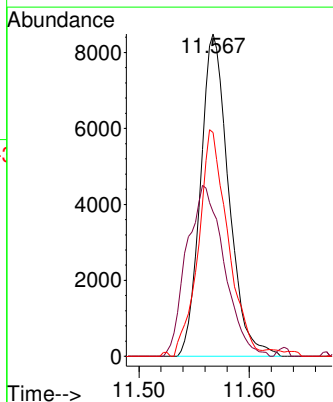
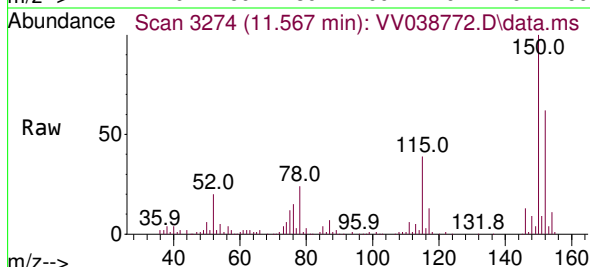
Tgt Ion:146 Resp: 15076

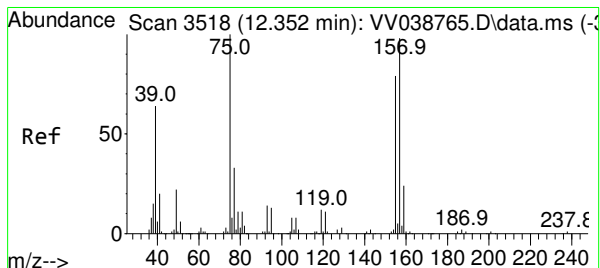
Ion Ratio Lower Upper

146 100

111 44.7 34.2 51.2

148 69.4 50.5 75.7

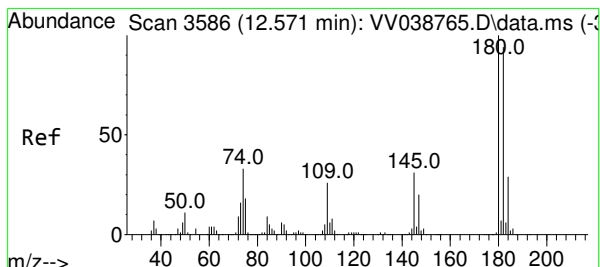
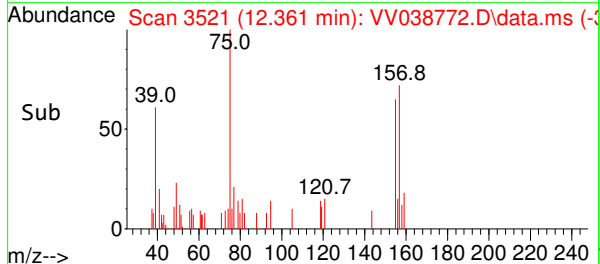
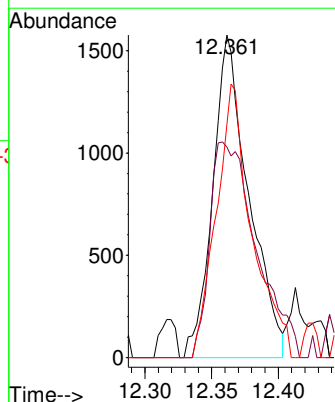
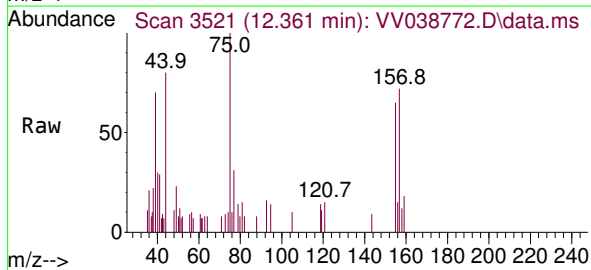




#68
1,2-Dibromo-3-chloropropane
Concen: 1.746 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.009 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

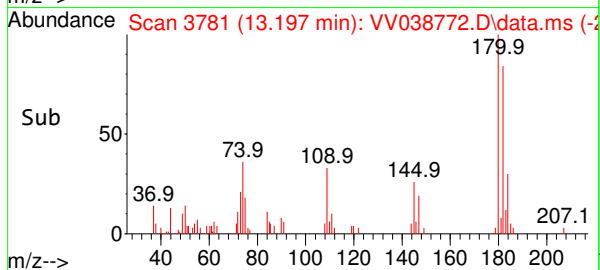
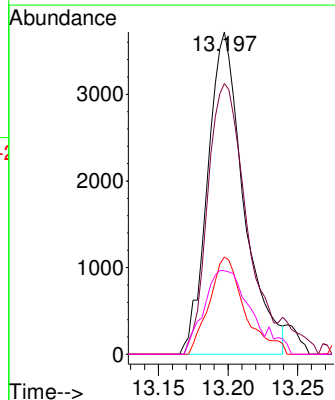
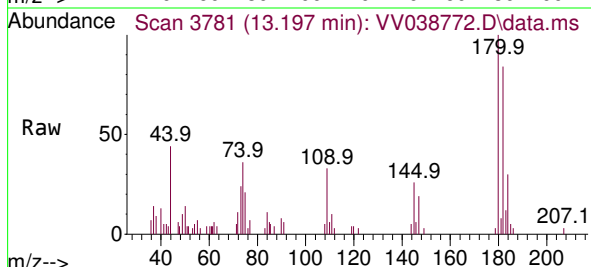
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

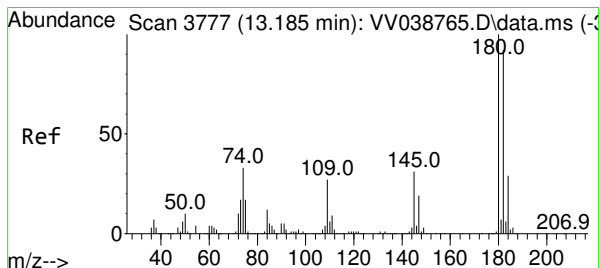
Tgt Ion:	75	Resp:	2953
Ion	Ratio	Lower	Upper
75	100		
155	65.3	66.8	100.2#
157	72.3	83.4	125.2#



#69
1,3,5-Trichlorobenzene
Concen: 1.229 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.627 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	180	Resp:	6694
Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.2	114.4
184	29.0	23.8	35.6
145	31.3	24.8	37.2

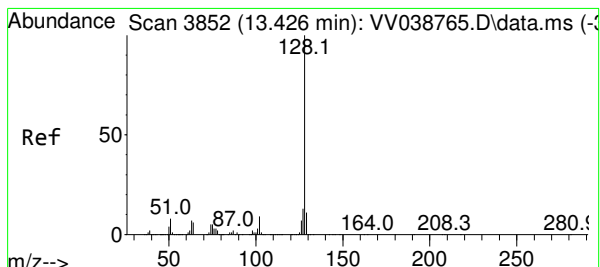
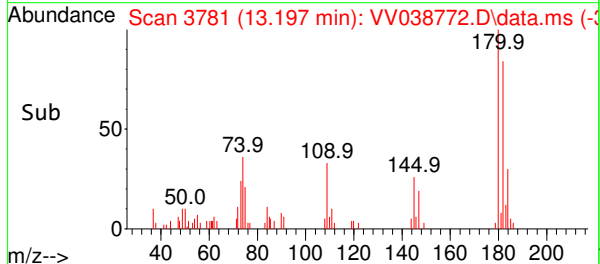
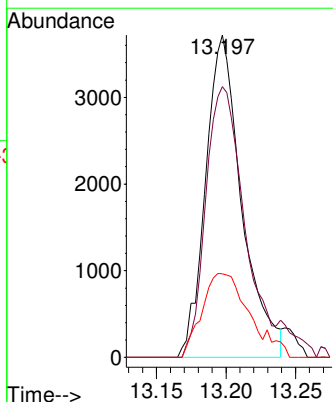
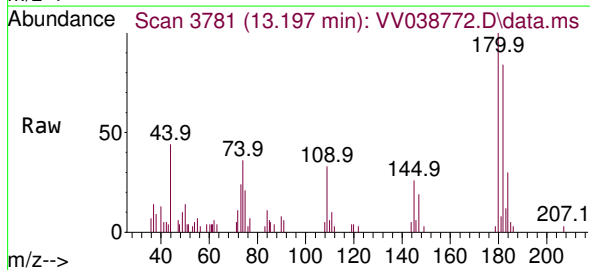




#70
1,2,4-trichlorobenzene
Concen: 1.437 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.013 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

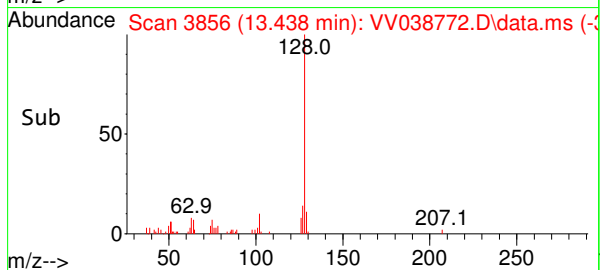
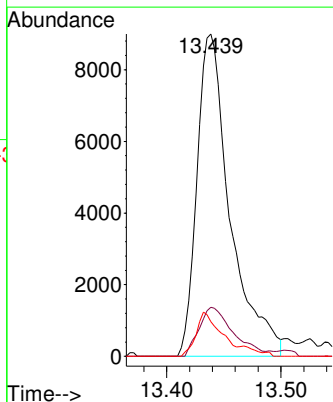
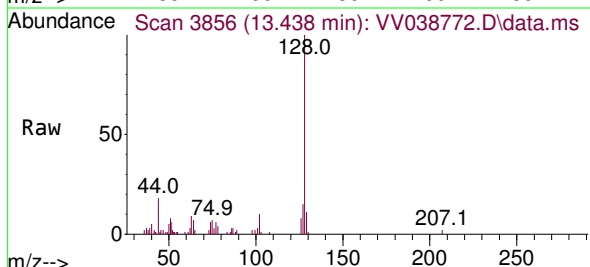
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2025-03

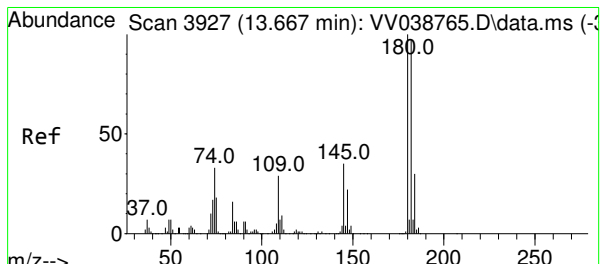
Tgt Ion:	180	Resp:	6694
Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.2	114.2
145	31.3	24.7	37.1



#71
Naphthalene
Concen: 1.094 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.013 min
Lab File: VV038772.D
Acq: 09 Jun 2025 17:50

Tgt Ion:	128	Resp:	18103
Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.1	15.1#
129	10.0	8.6	12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.215 ug/L
 RT: 13.673 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VV038772.D
 Acq: 09 Jun 2025 17:50

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2025-03

Tgt Ion:	180	Resp:	5904
Ion	Ratio	Lower	Upper
180	100		
182	103.4	75.8	113.6
145	43.0	27.1	40.7#

