

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032419.D
 Acq On : 11 Nov 2025 11:01
 Operator : SY/MD
 Sample : Q3483-23
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HW1025-PT-VOA-SOIL

Quant Time: Nov 12 03:44:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	435573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	792110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	681337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	307014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	265451	47.270	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	94.540%		
35) Dibromofluoromethane	7.898	113	227481	47.966	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	95.940%		
50) Toluene-d8	10.325	98	899822	49.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.617	95	319300	46.457	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	92.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.216	59	16265	33.496	ug/l #	72
12) 1,1-Dichloroethene	4.076	96	430098	91.867	ug/l	97
16) Acetone	4.155	43	580959	345.800	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	760937	77.104	ug/l	100
21) trans-1,2-Dichloroethene	5.454	96	323277	60.388	ug/l	99
25) 2-Butanone	7.185	43	313236	126.554	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	359879	56.261	ug/l	95
30) Chloroform	7.691	83	600305	61.057	ug/l	97
38) Carbon Tetrachloride	8.081	117	406059	65.400	ug/l	99
40) Benzene	8.331	78	2113868	93.938	ug/l	98
42) 1,2-Dichloroethane	8.410	62	1189178	179.913	ug/l	100
44) Trichloroethene	9.099	130	612054	116.887	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	1190954	154.825	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	1579743	177.588	ug/l	97
59) 2-Hexanone	10.965	43	1180325	317.181	ug/l	99
61) 1,2-Dibromoethane	11.233	107	115500	26.400	ug/l	98
64) Tetrachloroethene	10.861	164	403093	99.906	ug/l	93
65) Chlorobenzene	11.660	112	339108	23.092	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	306541	67.449	ug/l	99
67) Ethyl Benzene	11.727	91	572879	22.546	ug/l	100
68) m/p-Xylenes	11.837	106	1774005	185.948	ug/l	98
69) o-Xylene	12.166	106	1670349	182.855	ug/l	99
70) Styrene	12.178	104	1642187	104.504	ug/l	92
71) Bromoform	12.349	173	280327	104.136	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	793103	148.210	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	540232	128.331	ug/l #	1
79) 2-Chlorotoluene	12.891	91	1496209	89.258	ug/l	100
83) tert-Butylbenzene	13.202	119	2253438	139.255	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	3609029	190.747	ug/l	100
86) p-Isopropyltoluene	13.495	119	3760070	188.963	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	538690	53.220	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	825210	79.578	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	932796	157.754	ug/l	95
95) Naphthalene	15.360	128	909817	61.703	ug/l	99

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Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

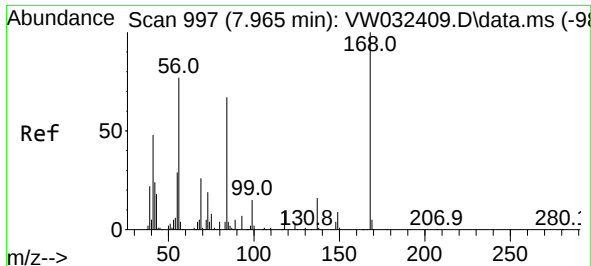
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

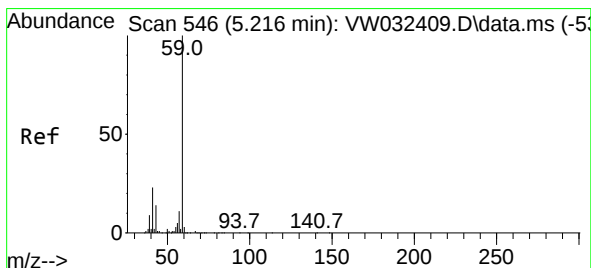
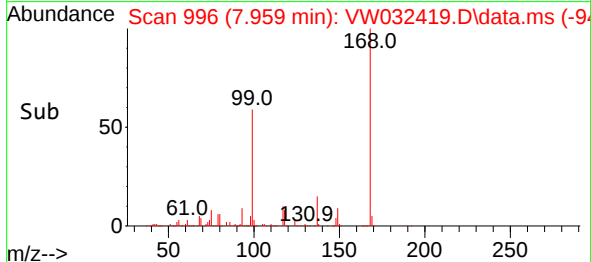
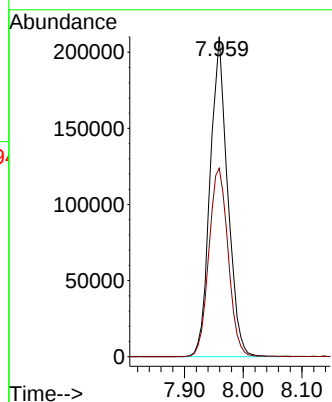
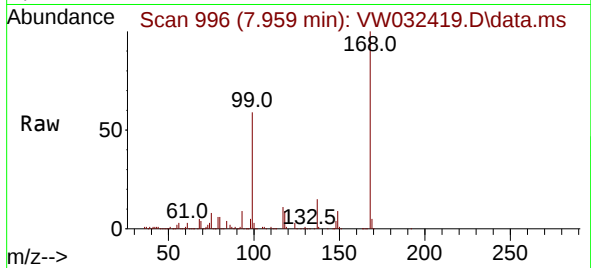
[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

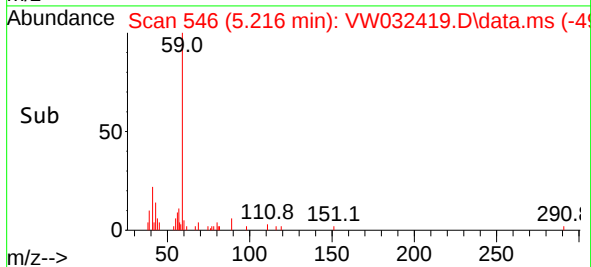
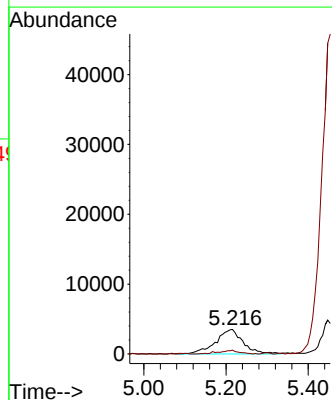
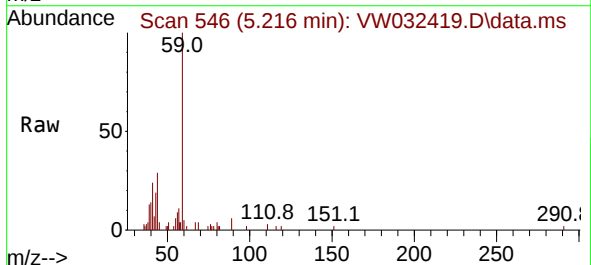
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

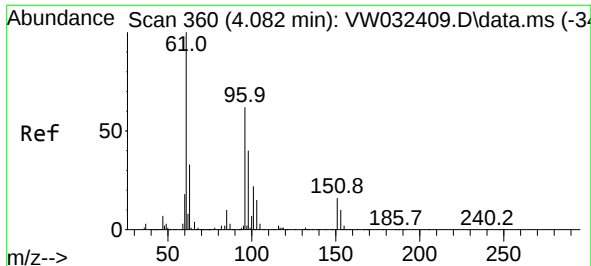
Tgt Ion:168 Resp: 435573
Ion Ratio Lower Upper
168 100
99 58.8 45.4 68.2



#11
Tert butyl alcohol
Concen: 33.496 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 59 Resp: 16265
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

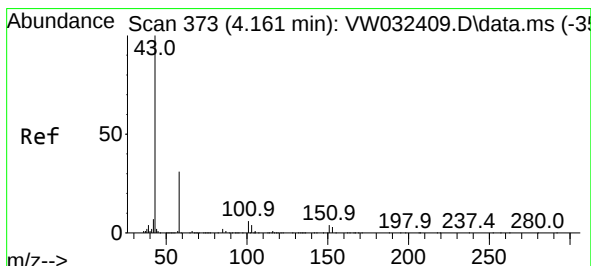
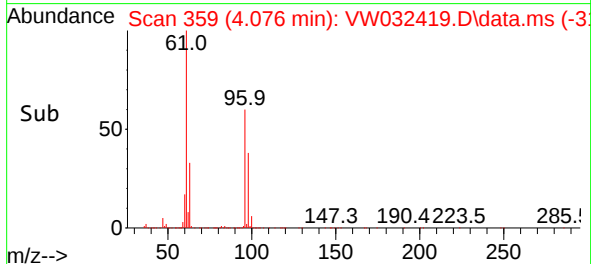
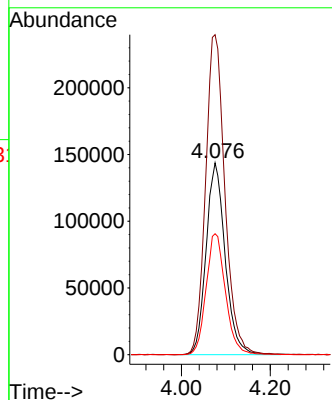
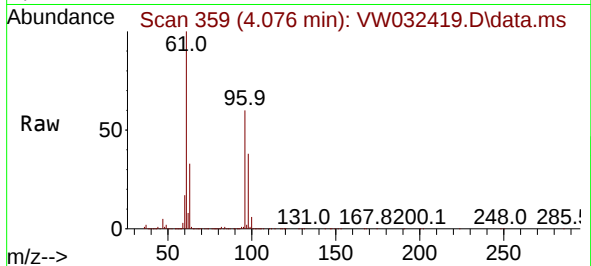




#12
1,1-Dichloroethene
Concen: 91.867 ug/l
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

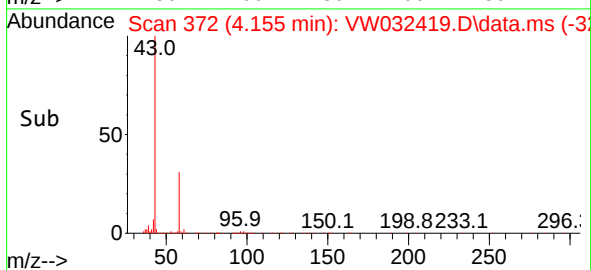
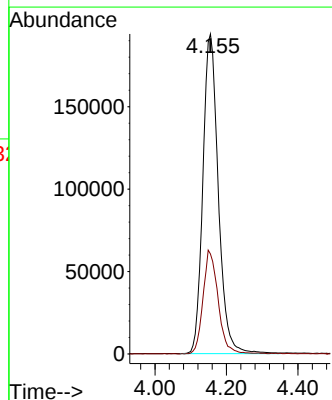
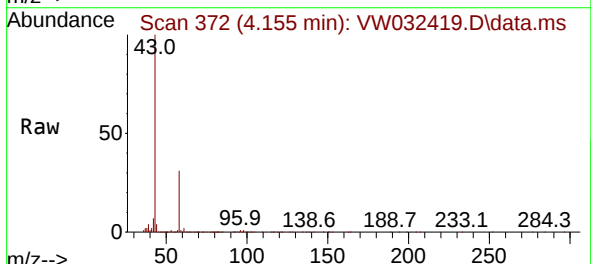
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

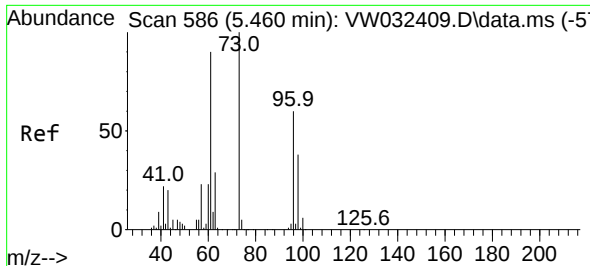
Tgt Ion: 96 Resp: 430098
Ion Ratio Lower Upper
96 100
61 166.7 129.0 193.6
98 62.9 51.1 76.7



#16
Acetone
Concen: 345.800 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 43 Resp: 580959
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#19

Methyl tert-butyl Ether

Concen: 77.104 ug/l

RT: 5.460 min Scan# 586

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

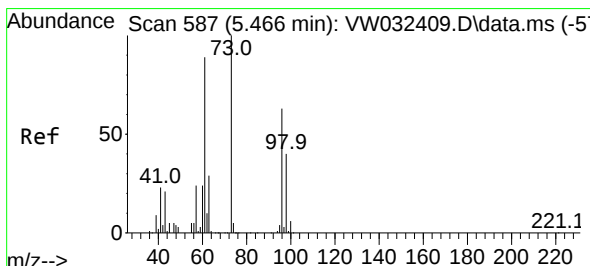
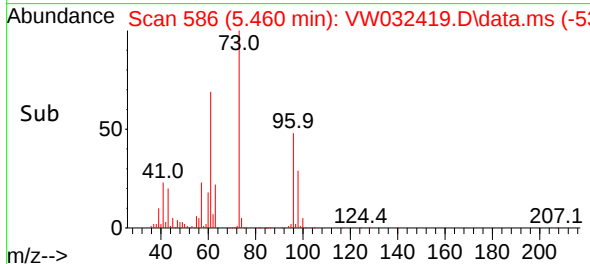
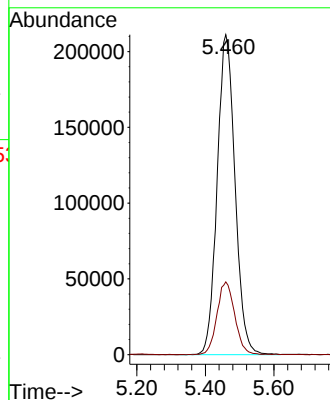
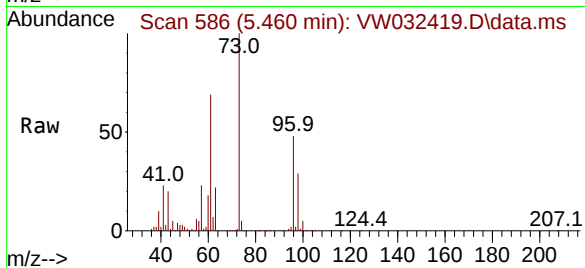
HW1025-PT-VOA-SOIL

Tgt Ion: 73 Resp: 760937

Ion Ratio Lower Upper

73 100

57 22.7 18.3 27.5



#21

trans-1,2-Dichloroethene

Concen: 60.388 ug/l

RT: 5.454 min Scan# 585

Delta R.T. -0.012 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

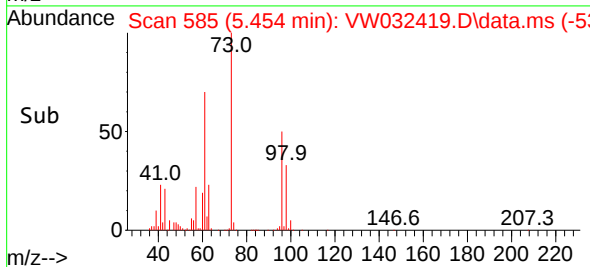
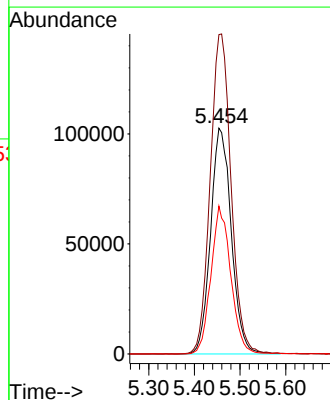
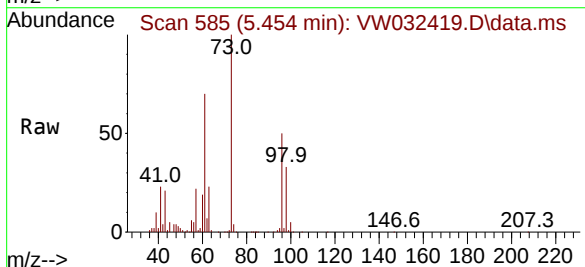
Tgt Ion: 96 Resp: 323277

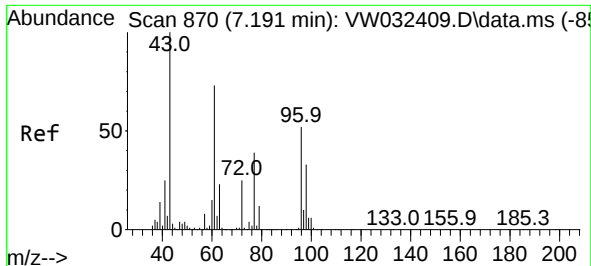
Ion Ratio Lower Upper

96 100

61 141.4 112.5 168.7

98 65.5 51.1 76.7

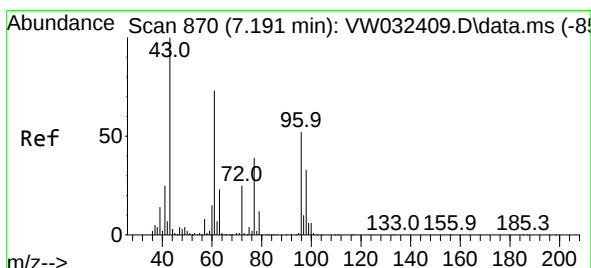
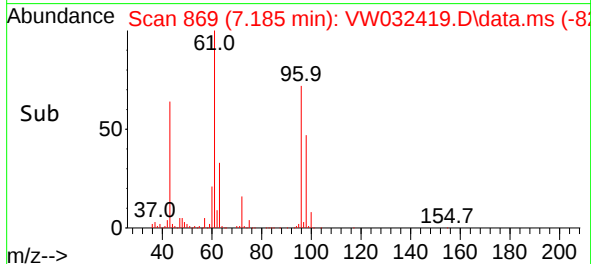
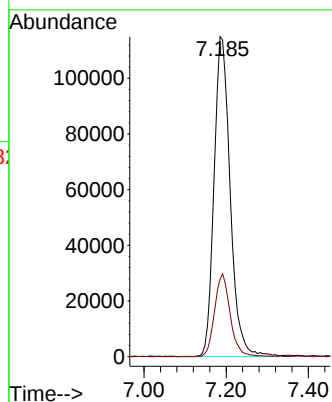
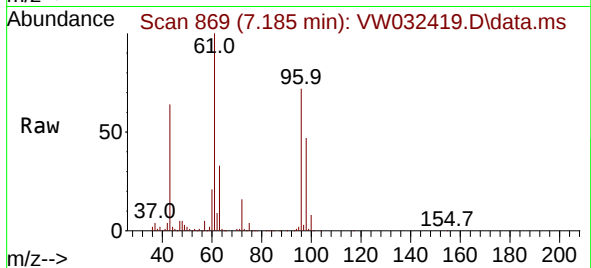




#25
2-Butanone
Concen: 126.554 ug/l
RT: 7.185 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

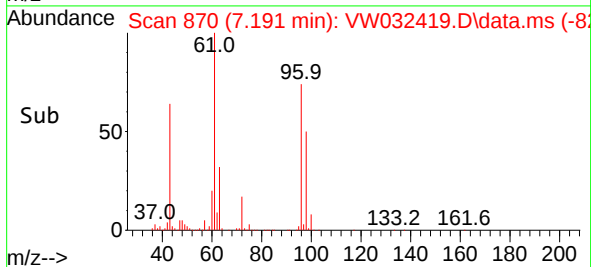
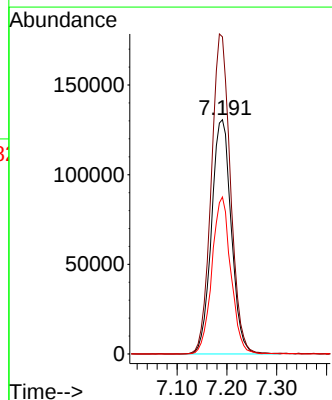
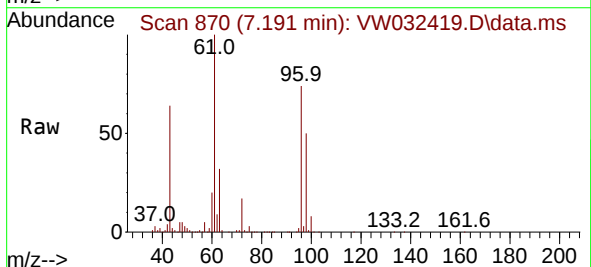
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HW1025-PT-VOA-SOIL

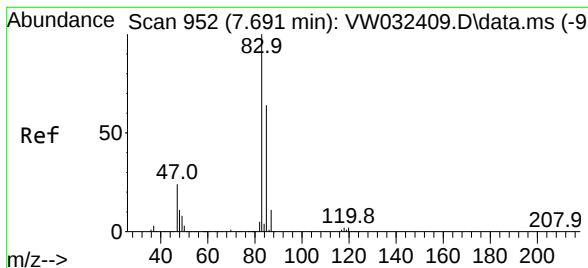
Tgt Ion: 43 Resp: 313236
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0



#27
cis-1,2-Dichloroethene
Concen: 56.261 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 96 Resp: 359879
Ion Ratio Lower Upper
96 100
61 132.5 0.0 282.6
98 64.0 0.0 128.6

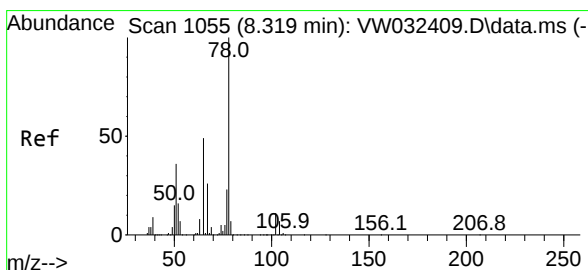
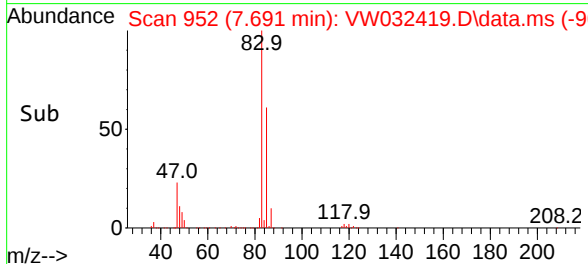
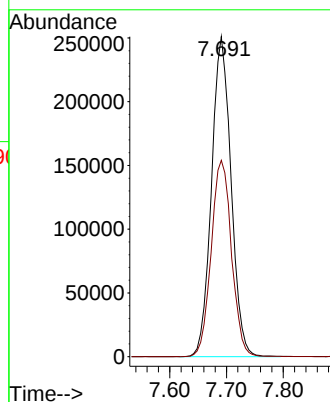
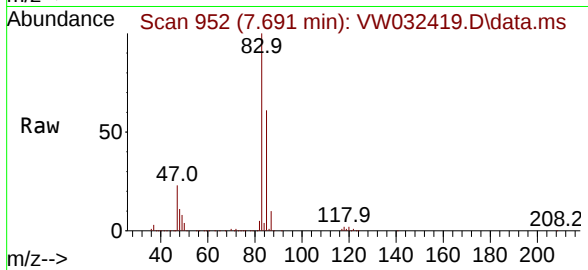




#30
Chloroform
Concen: 61.057 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

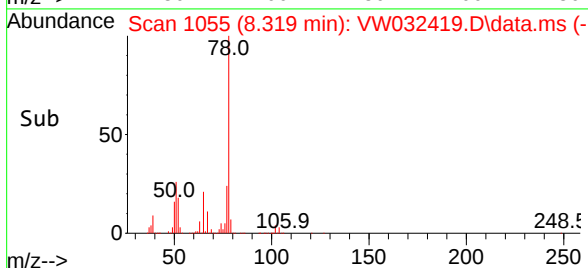
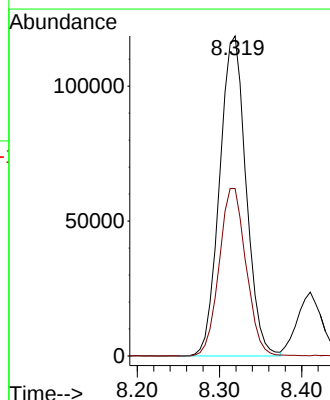
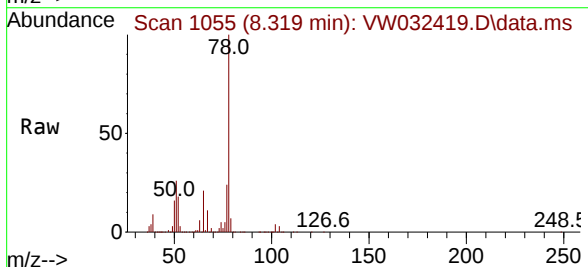
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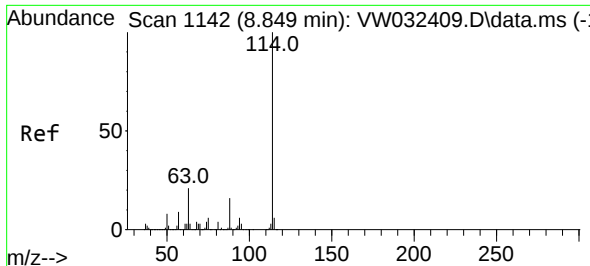
Tgt Ion: 83 Resp: 600305
Ion Ratio Lower Upper
83 100
85 61.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 47.270 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 65 Resp: 265451
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

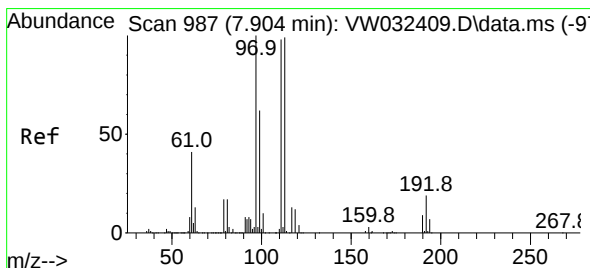
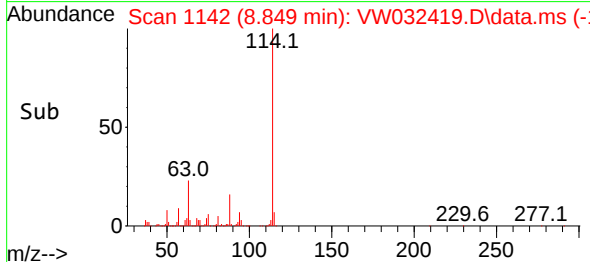
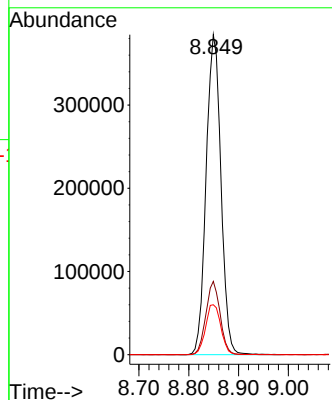
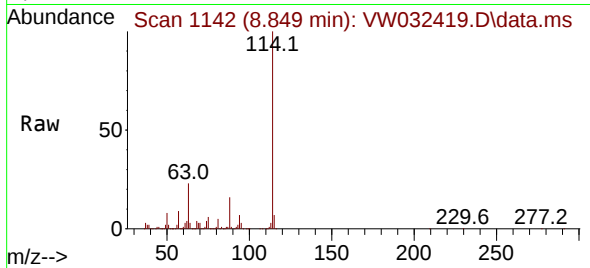




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

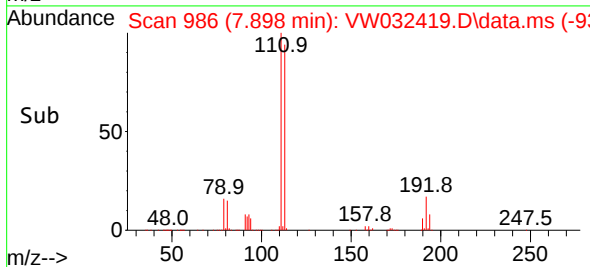
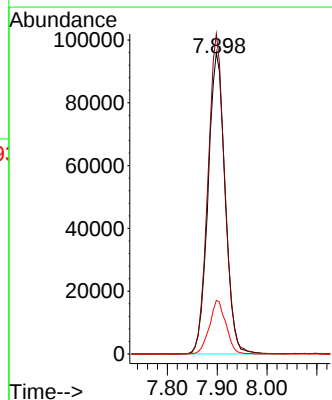
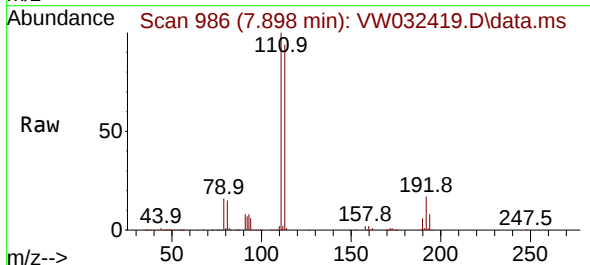
Instrument :
MSVOA_W
ClientSampleId :
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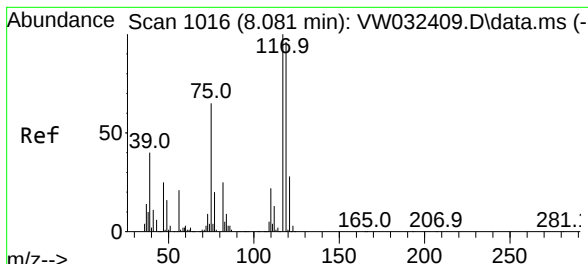
Tgt Ion:114 Resp: 792110
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.966 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:113 Resp: 227481
Ion Ratio Lower Upper
113 100
111 105.1 83.1 124.7
192 17.2 13.4 20.2

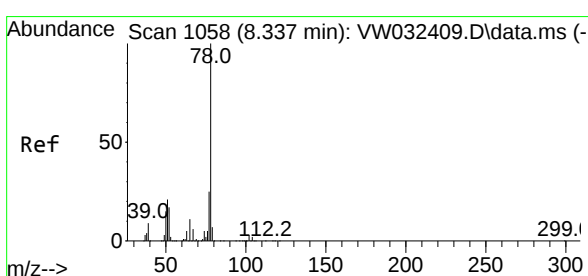
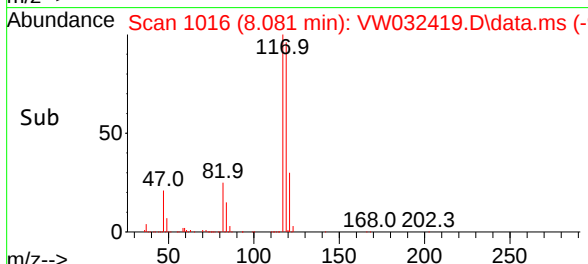
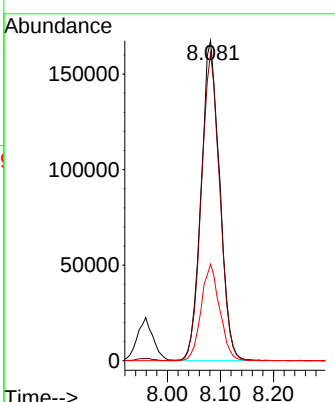
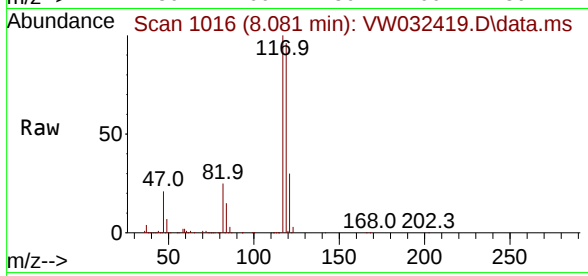




#38
Carbon Tetrachloride
Concen: 65.400 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

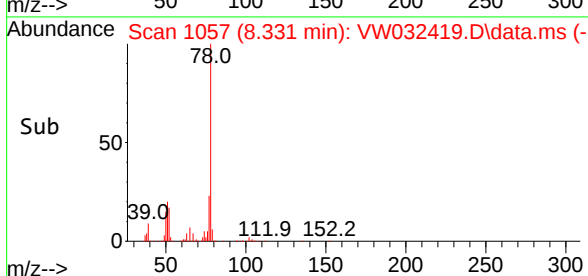
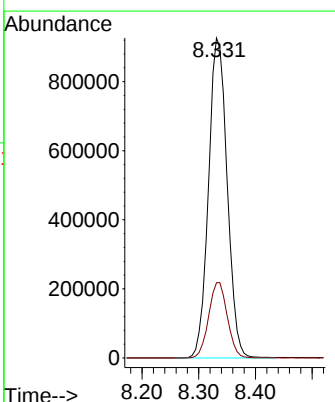
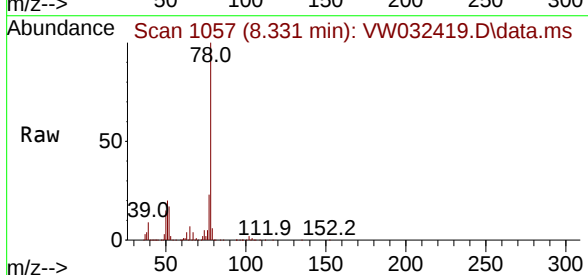
Instrument : MSVOA_W
ClientSampleId : HW1025-PT-VOA-SOIL

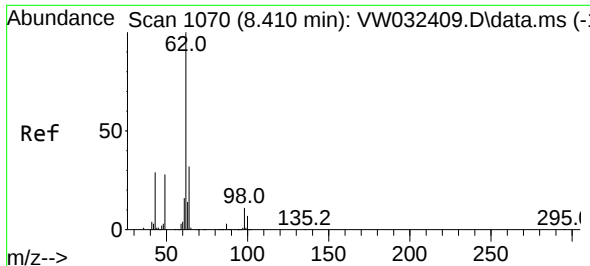
Tgt Ion:	117	Resp:	406059
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
121	30.2	22.0	33.0



#40
Benzene
Concen: 93.938 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:	78	Resp:	2113868
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.6	29.4

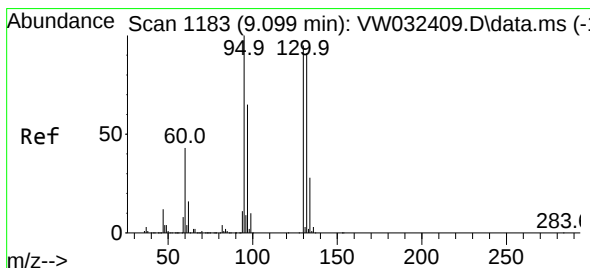
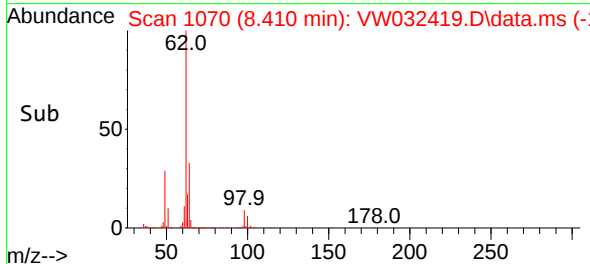
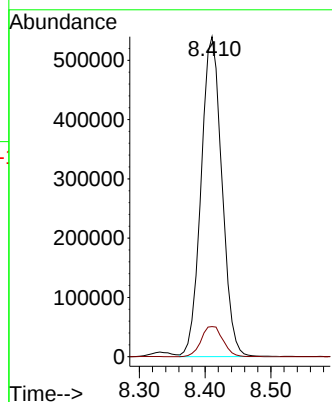
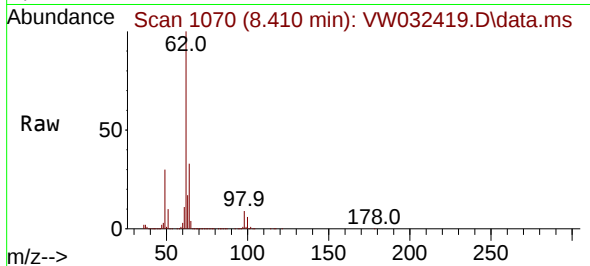




#42
1,2-Dichloroethane
Concen: 179.913 ug/l
RT: 8.410 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

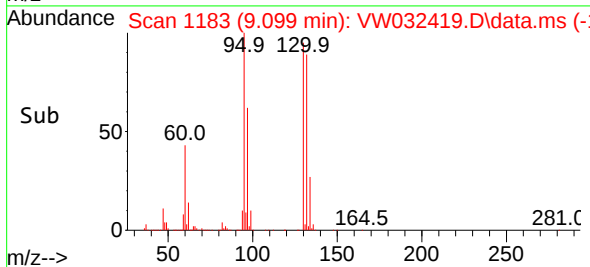
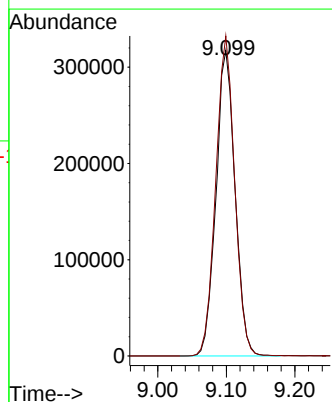
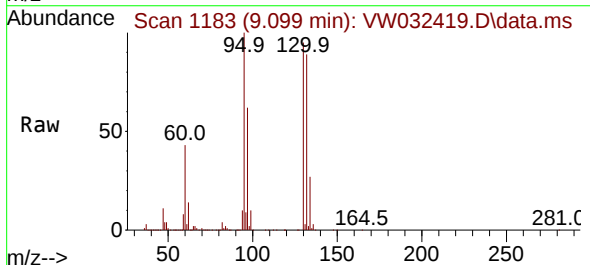
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

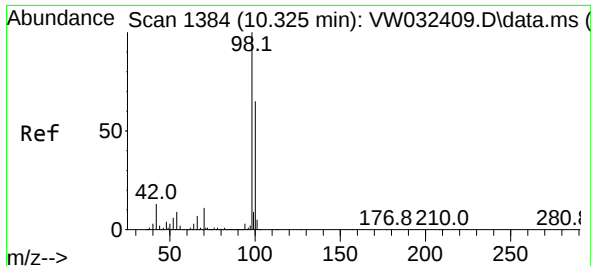
Tgt Ion: 62 Resp: 1189178
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



#44
Trichloroethene
Concen: 116.887 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:130 Resp: 612054
Ion Ratio Lower Upper
130 100
95 104.8 0.0 209.6

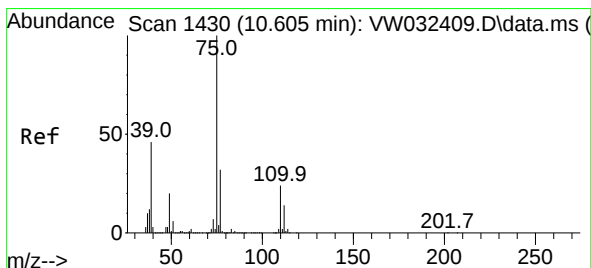
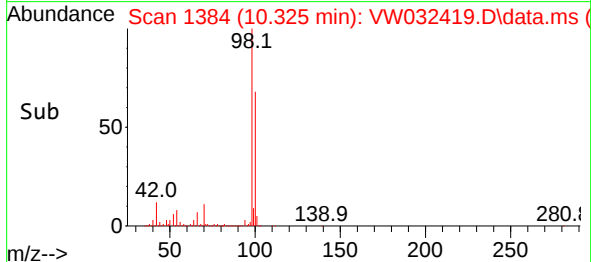
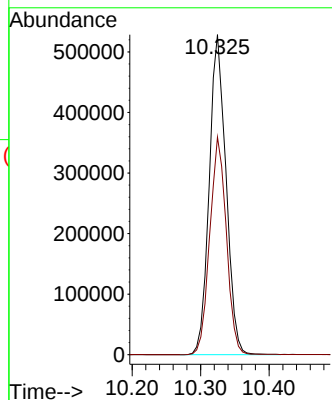
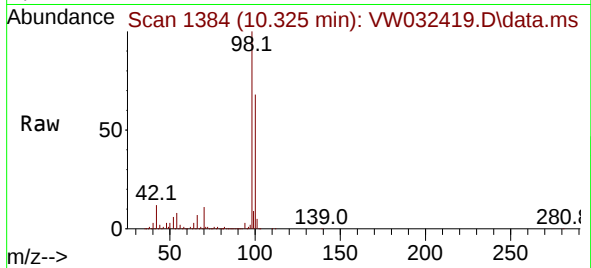




#50
Toluene-d8
Concen: 49.457 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

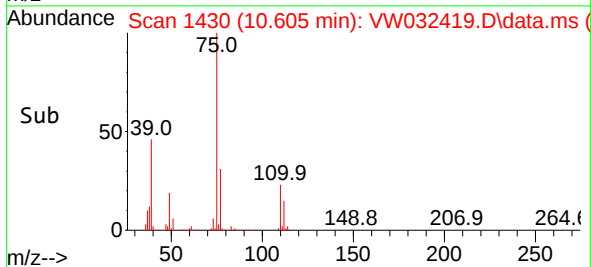
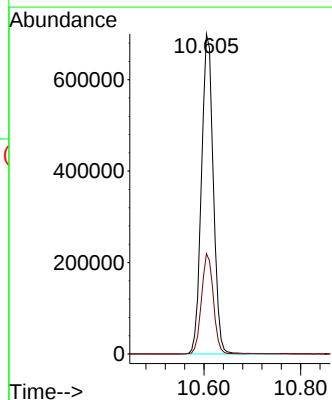
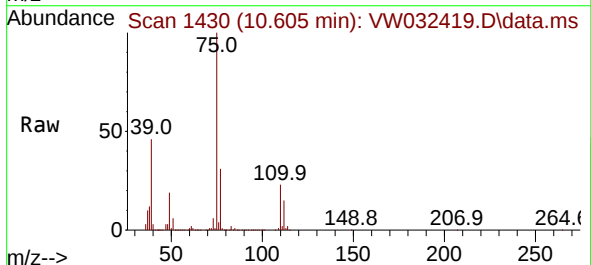
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

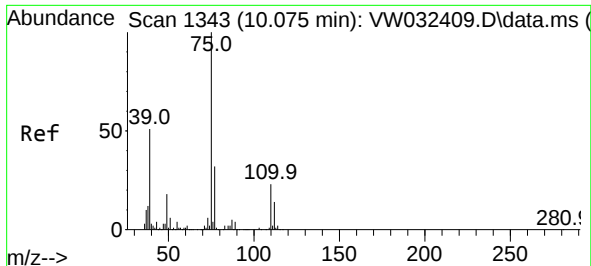
Tgt Ion: 98 Resp: 899822
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



#53
t-1,3-Dichloropropene
Concen: 154.825 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 75 Resp: 1190954
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

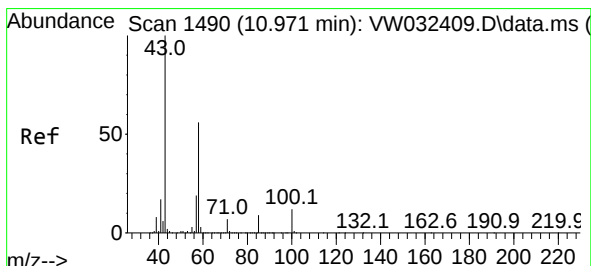
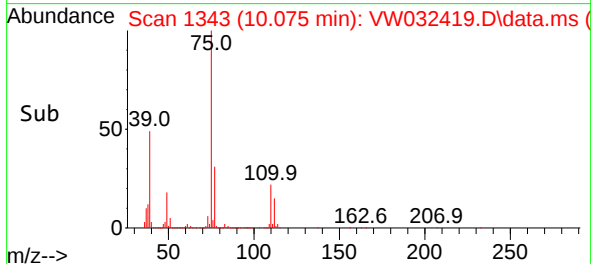
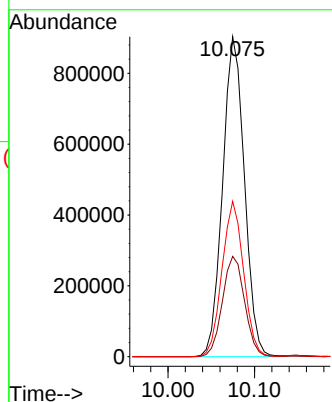
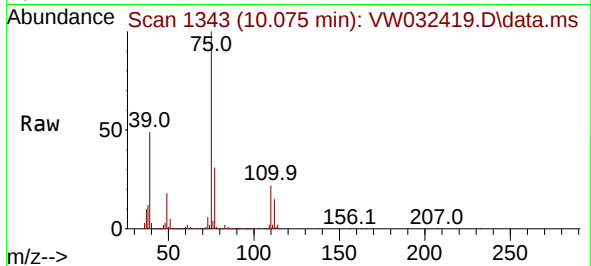




#54
 cis-1,3-Dichloropropene
 Concen: 177.588 ug/l
 RT: 10.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032419.D
 Acq: 11 Nov 2025 11:01

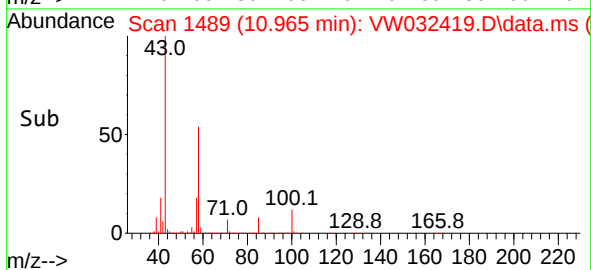
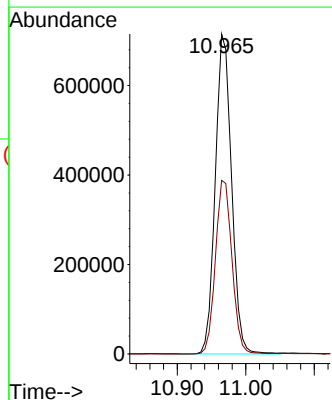
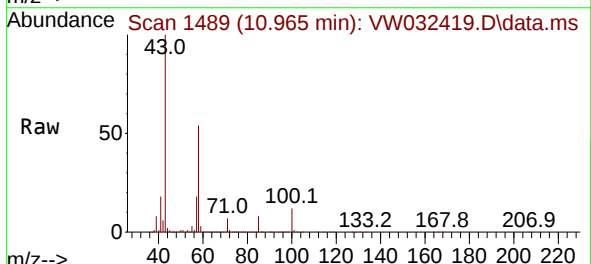
Instrument :
 MSVOA_W
 ClientSampleId :
 HW1025-PT-VOA-SOIL

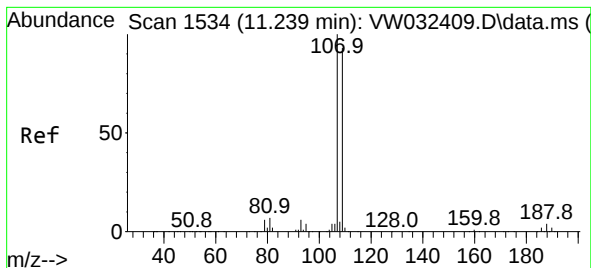
Tgt Ion: 75 Resp: 1579743
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 48.5 40.7 61.1



#59
 2-Hexanone
 Concen: 317.181 ug/l
 RT: 10.965 min Scan# 1489
 Delta R.T. -0.006 min
 Lab File: VW032419.D
 Acq: 11 Nov 2025 11:01

Tgt Ion: 43 Resp: 1180325
 Ion Ratio Lower Upper
 43 100
 58 55.4 27.4 82.2

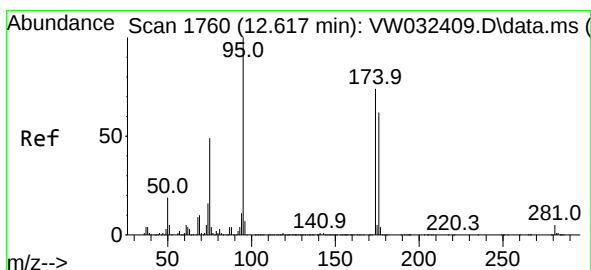
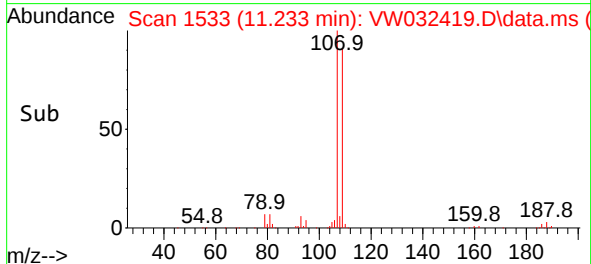
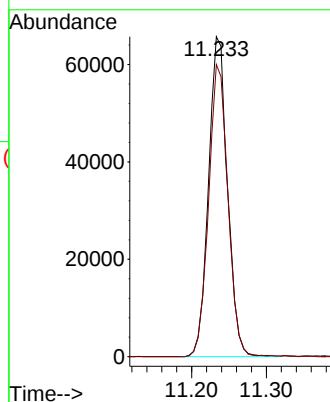
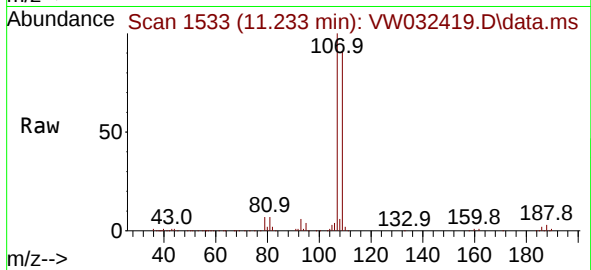




#61
1,2-Dibromoethane
Concen: 26.400 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

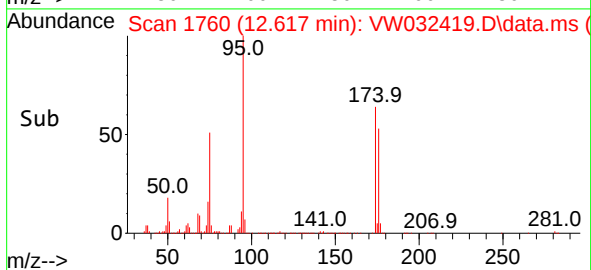
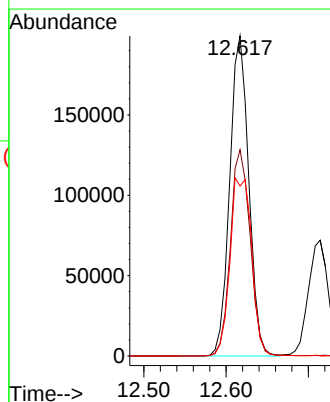
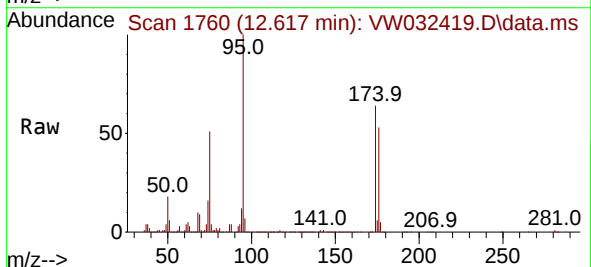
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

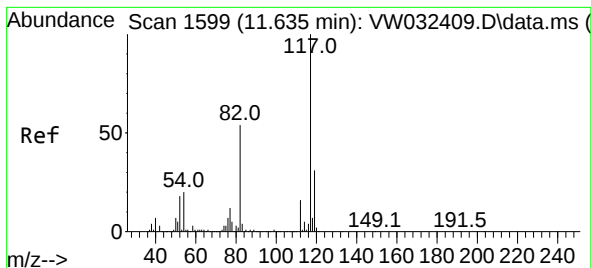
Tgt Ion:107 Resp: 115500
Ion Ratio Lower Upper
107 100
109 93.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 95 Resp: 319300
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.4
176 63.5 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

HW1025-PT-VOA-SOIL

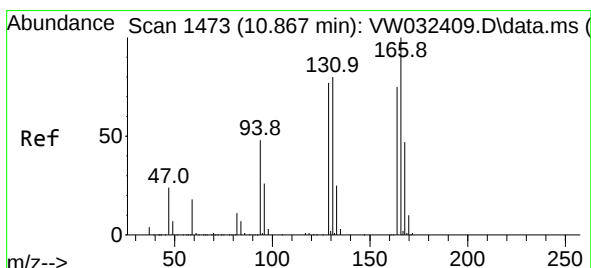
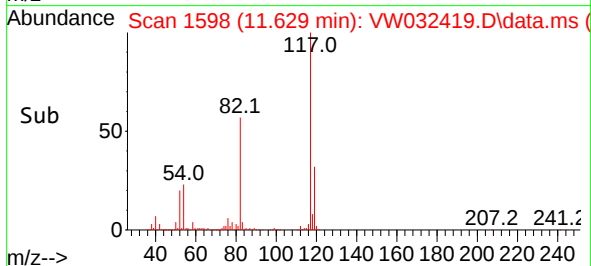
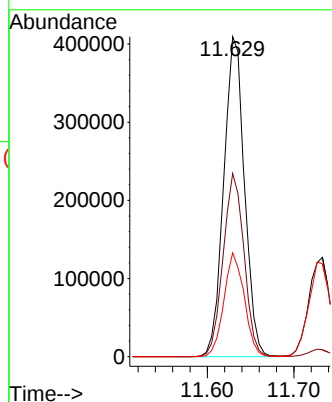
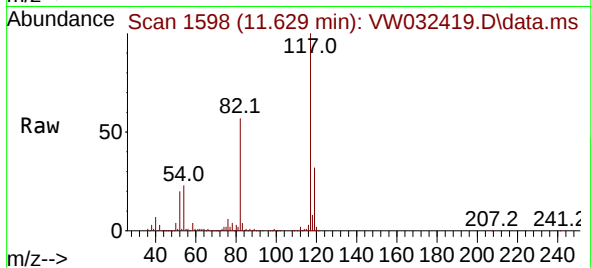
Tgt Ion:117 Resp: 681337

Ion Ratio Lower Upper

117 100

82 57.3 43.0 64.4

119 32.5 25.0 37.6



#64

Tetrachloroethene

Concen: 99.906 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Tgt Ion:164 Resp: 403093

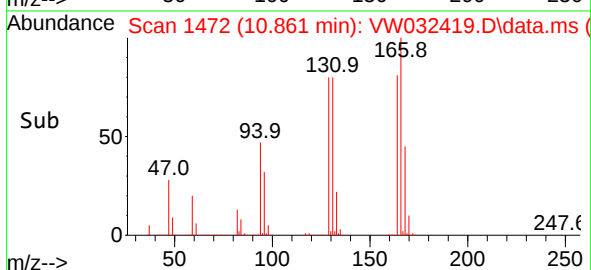
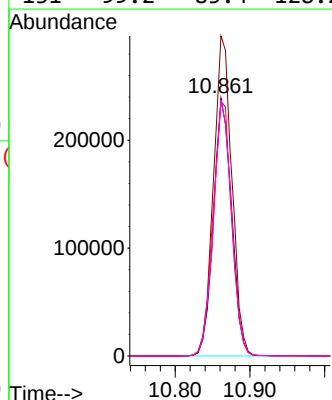
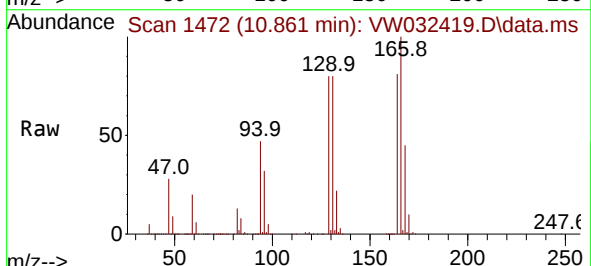
Ion Ratio Lower Upper

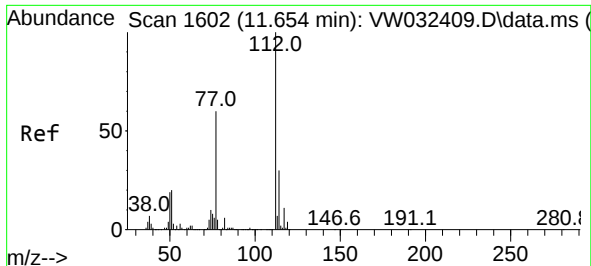
164 100

166 124.2 107.0 160.4

129 98.8 82.9 124.3

131 99.2 85.4 128.2

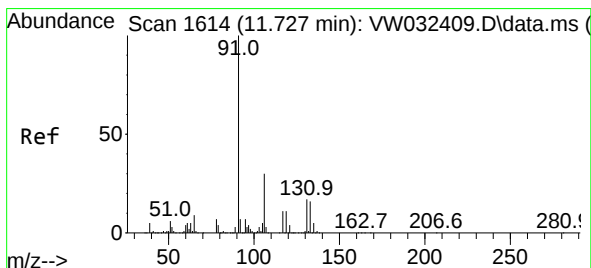
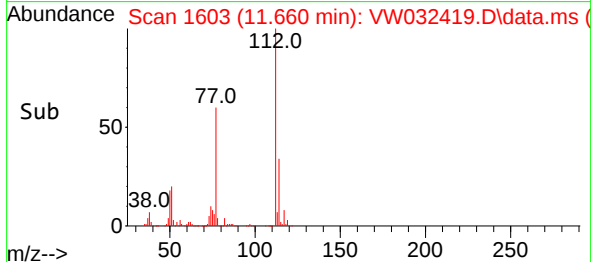
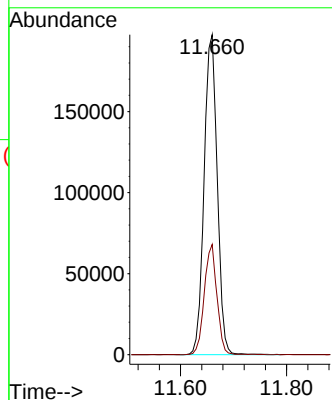
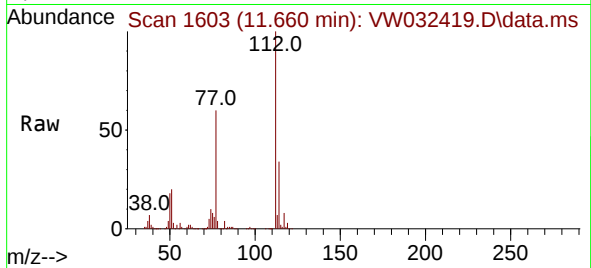




#65
Chlorobenzene
Concen: 23.092 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

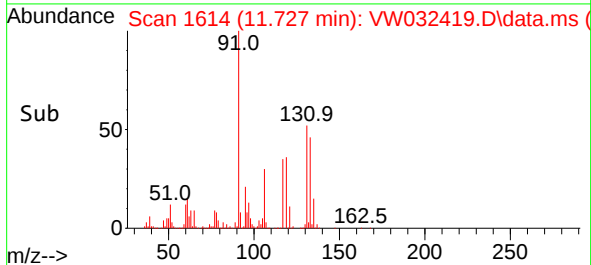
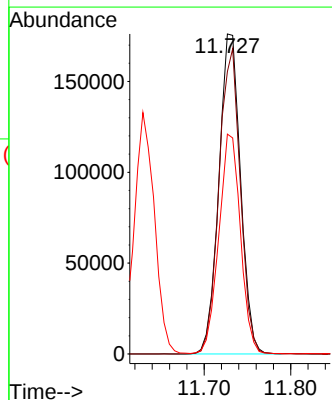
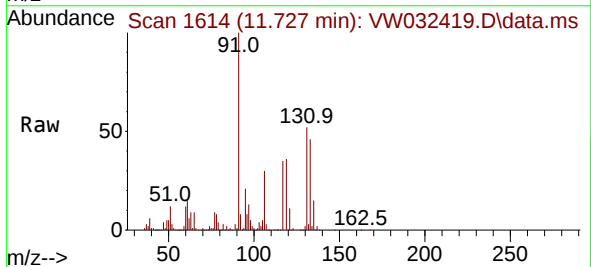
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

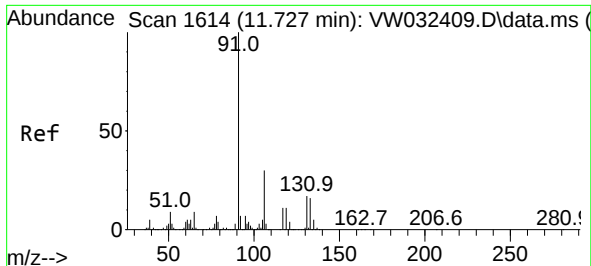
Tgt Ion:112 Resp: 339108
Ion Ratio Lower Upper
112 100
114 34.4 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 67.449 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:131 Resp: 306541
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.6
119 68.6 33.4 100.2





#67

Ethyl Benzene

Concen: 22.546 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

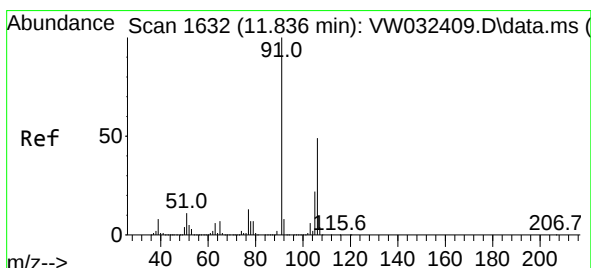
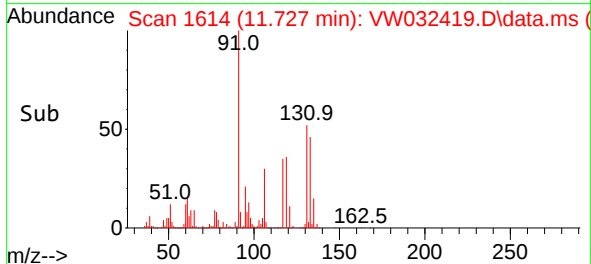
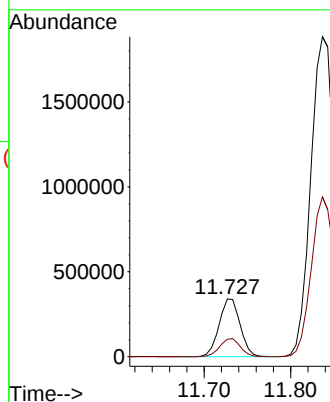
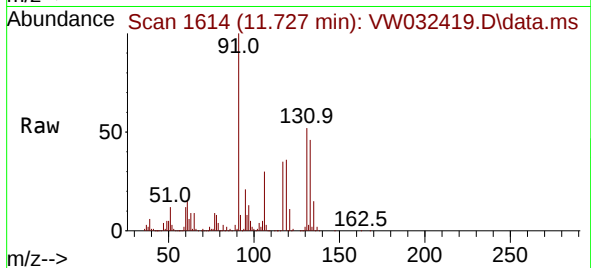
HW1025-PT-VOA-SOIL

Tgt Ion: 91 Resp: 572879

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#68

m/p-Xylenes

Concen: 185.948 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032419.D

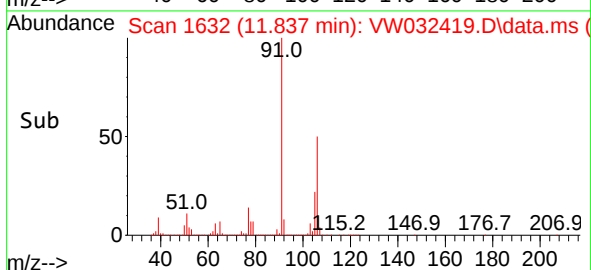
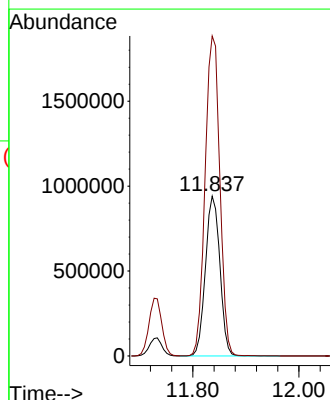
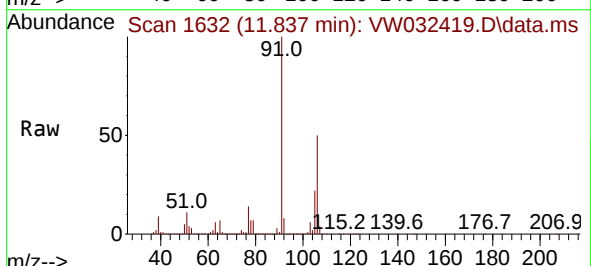
Acq: 11 Nov 2025 11:01

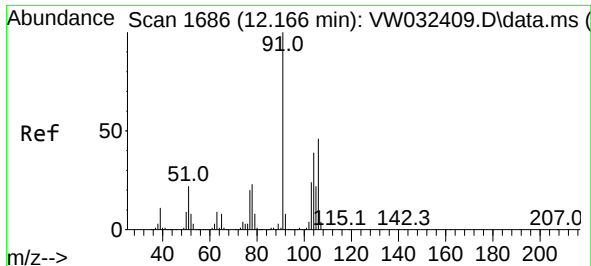
Tgt Ion:106 Resp: 1774005

Ion Ratio Lower Upper

106 100

91 204.5 165.5 248.3

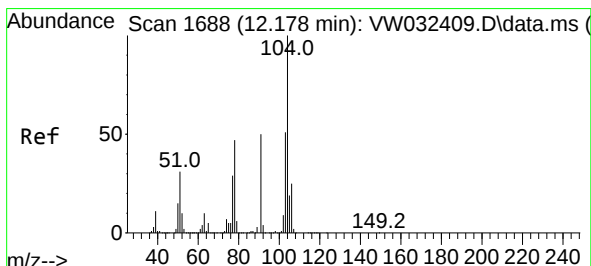
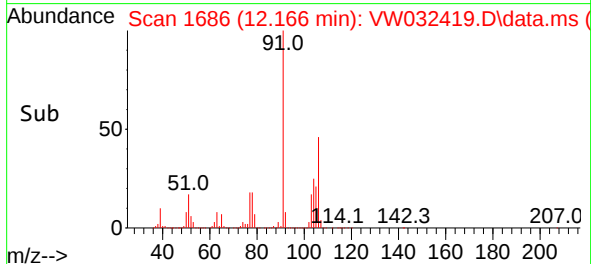
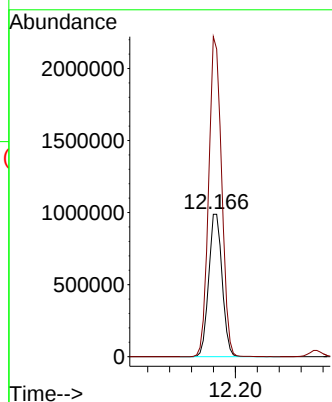
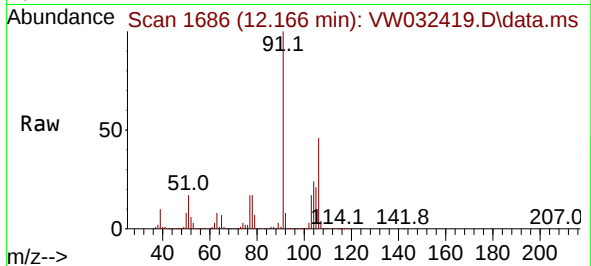




#69
o-Xylene
Concen: 182.855 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

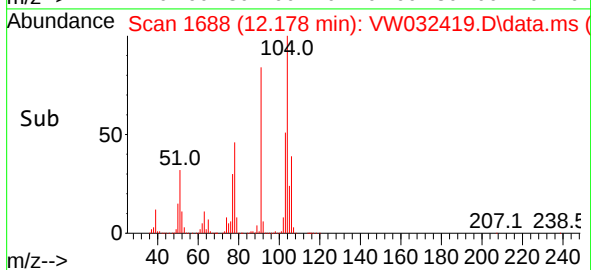
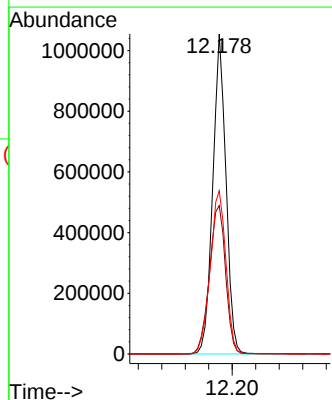
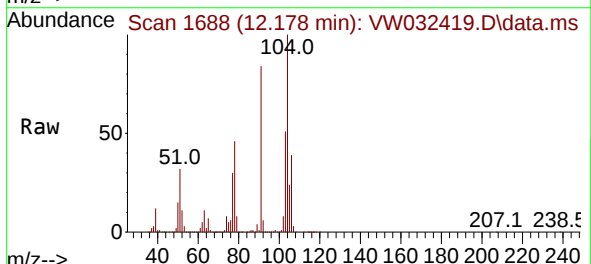
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

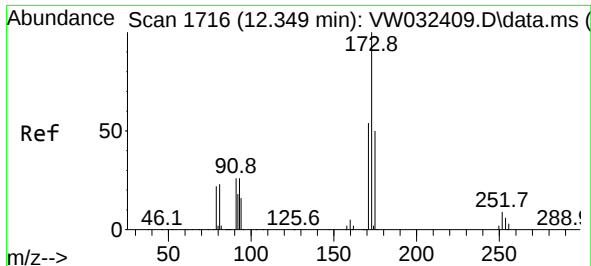
Tgt Ion:106 Resp: 1670349
Ion Ratio Lower Upper
106 100
91 217.0 109.3 327.8



#70
Styrene
Concen: 104.504 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:104 Resp: 1642187
Ion Ratio Lower Upper
104 100
78 56.8 40.7 61.1
103 60.7 43.9 65.9

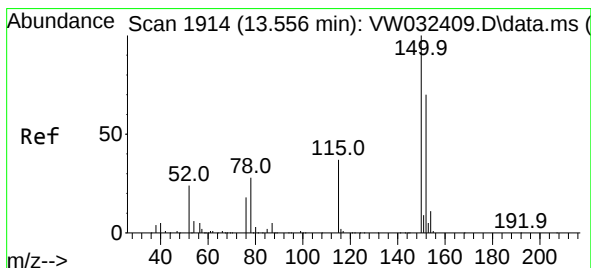
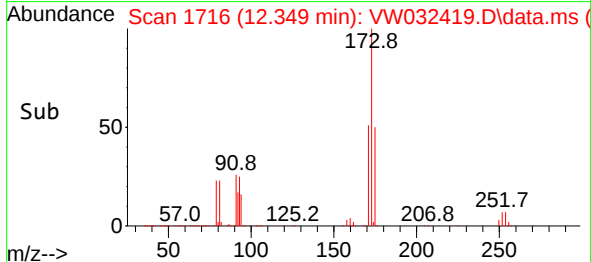
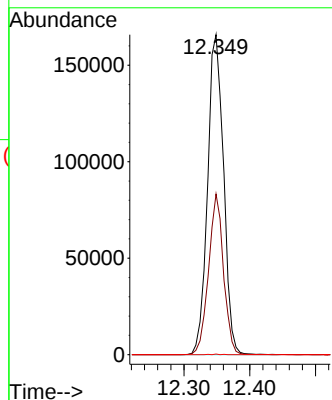
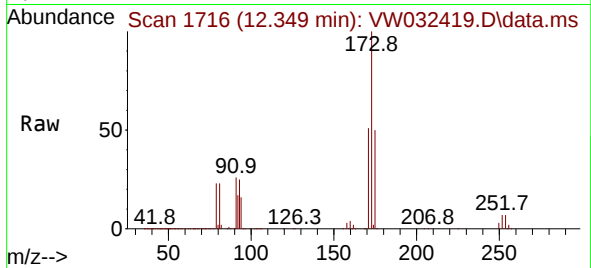




#71
Bromoform
Concen: 104.136 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

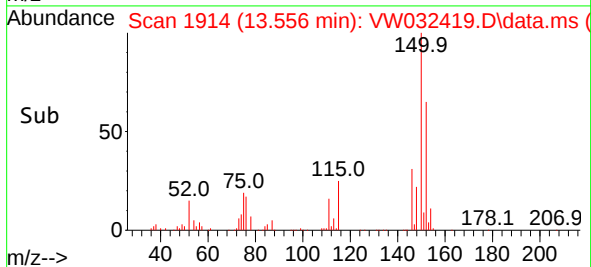
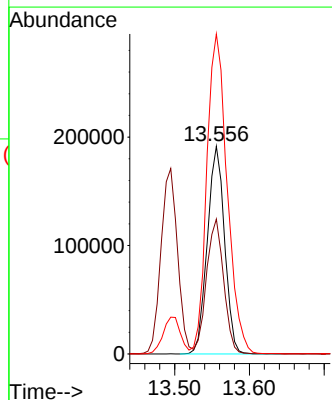
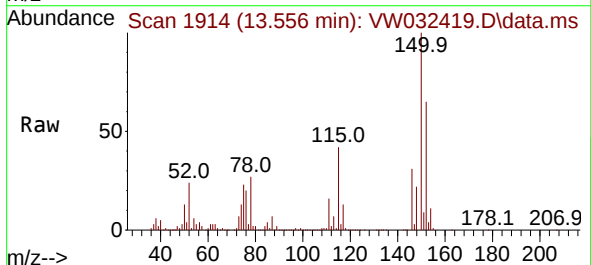
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

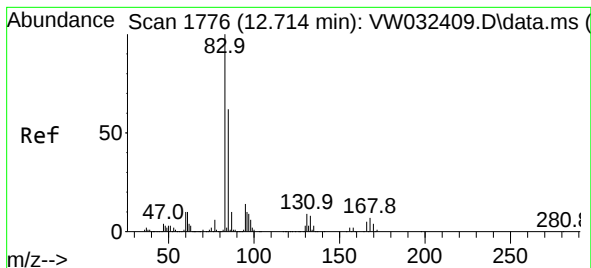
Tgt Ion:173 Resp: 280327
Ion Ratio Lower Upper
173 100
175 46.9 25.1 75.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:152 Resp: 307014
Ion Ratio Lower Upper
152 100
115 64.2 32.8 98.3
150 181.2 0.0 356.6

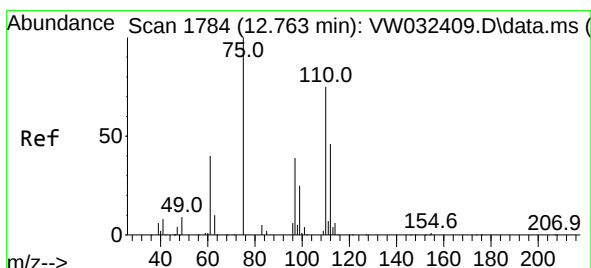
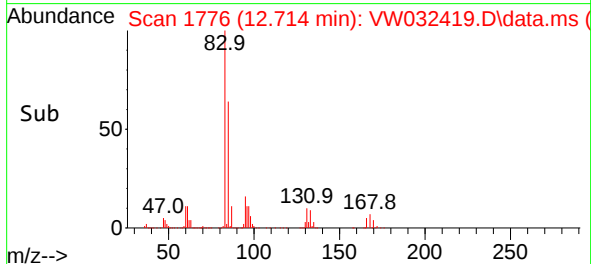
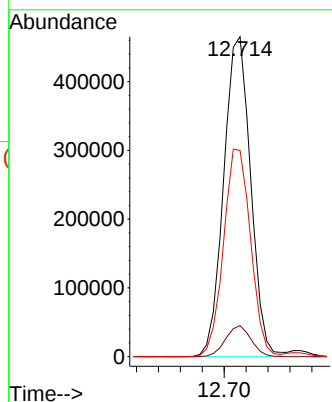
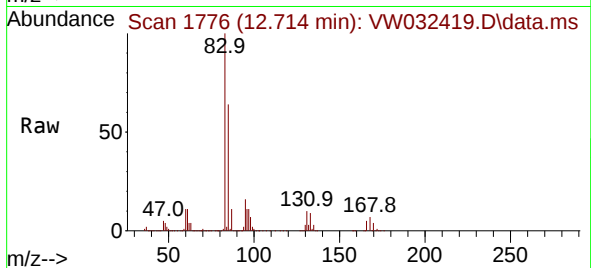




#75
1,1,2,2-Tetrachloroethane
Concen: 148.210 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

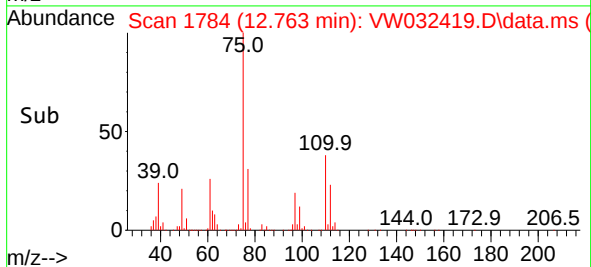
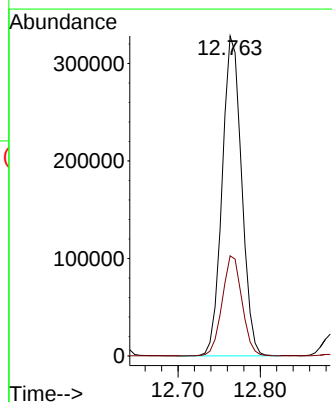
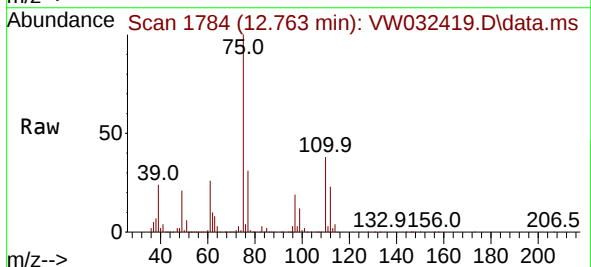
Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

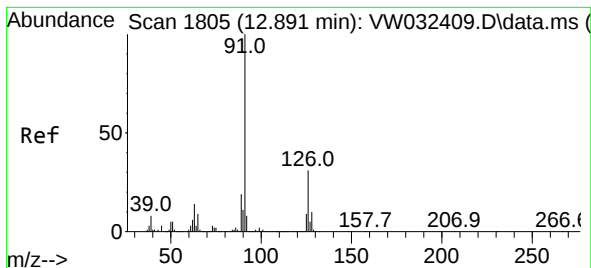
Tgt Ion: 83 Resp: 793103
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 65.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 128.331 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion: 75 Resp: 540232
Ion Ratio Lower Upper
75 100
77 31.9 151.6 454.8#





#79

2-Chlorotoluene

Concen: 89.258 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

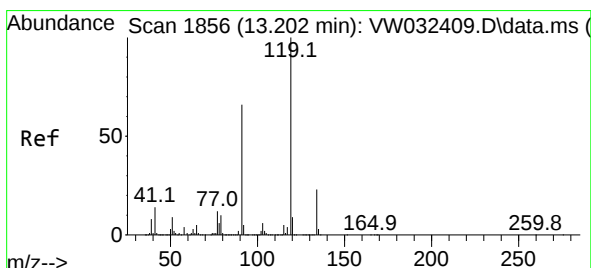
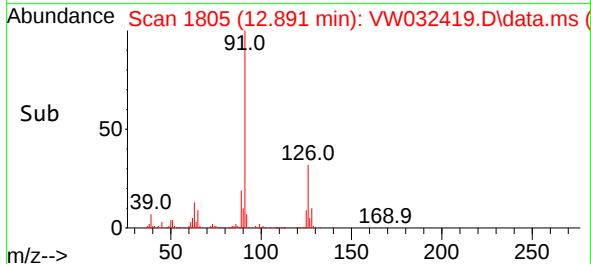
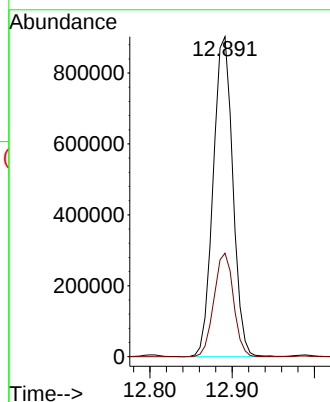
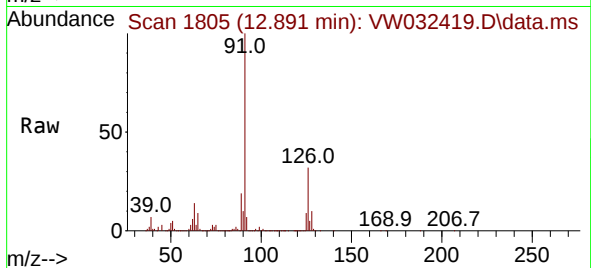
HW1025-PT-VOA-SOIL

Tgt Ion: 91 Resp: 1496209

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.2



#83

tert-Butylbenzene

Concen: 139.255 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

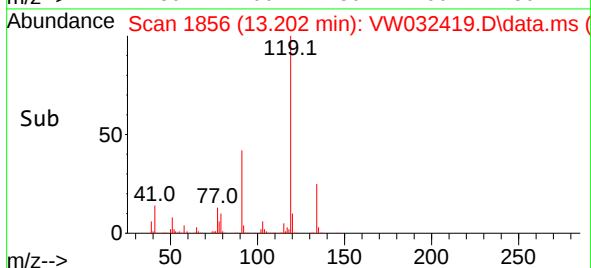
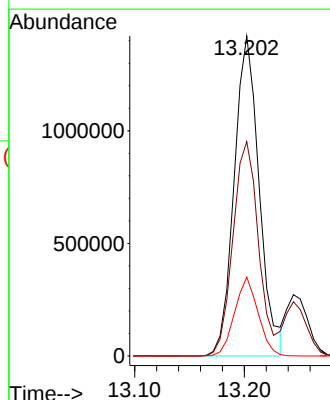
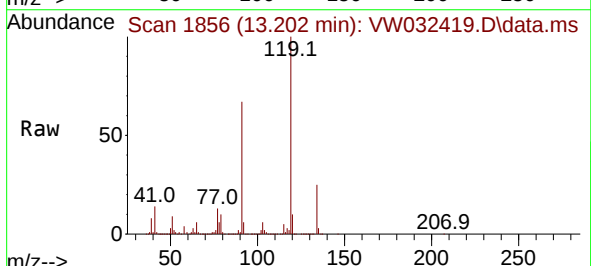
Tgt Ion: 119 Resp: 2253438

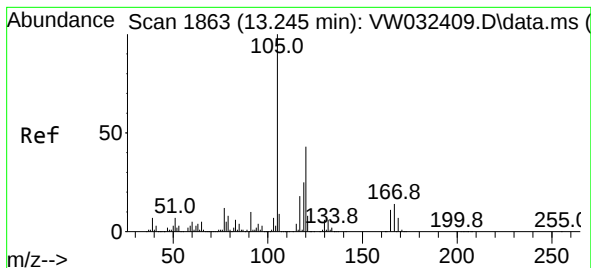
Ion Ratio Lower Upper

119 100

91 67.6 33.3 99.9

134 23.1 12.2 36.4





#84

1,2,4-Trimethylbenzene

Concen: 190.747 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

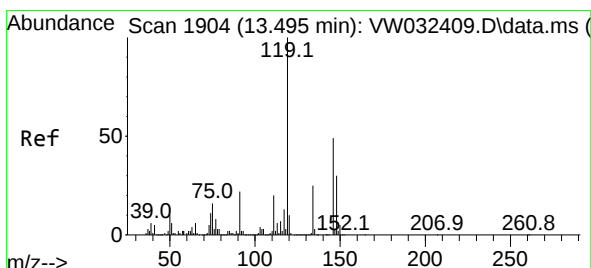
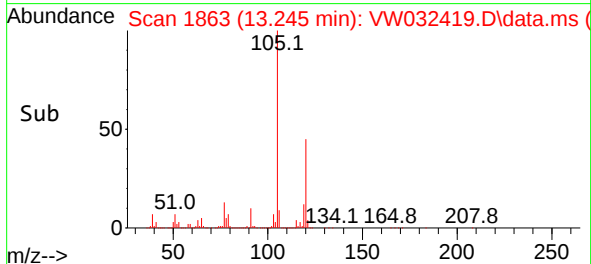
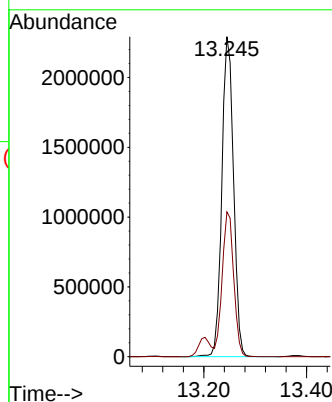
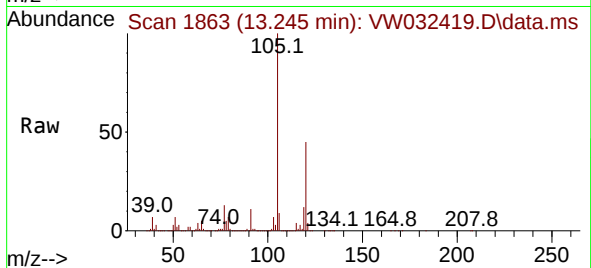
HW1025-PT-VOA-SOIL

Tgt Ion:105 Resp: 3609029

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.5



#86

p-Isopropyltoluene

Concen: 188.963 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

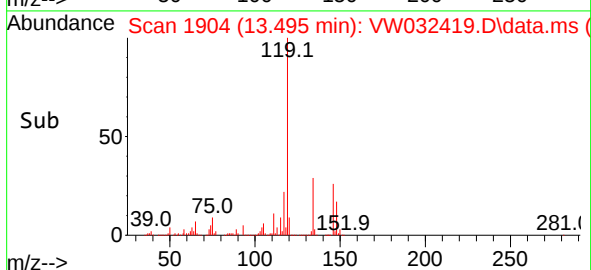
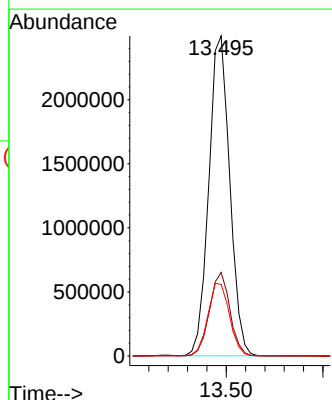
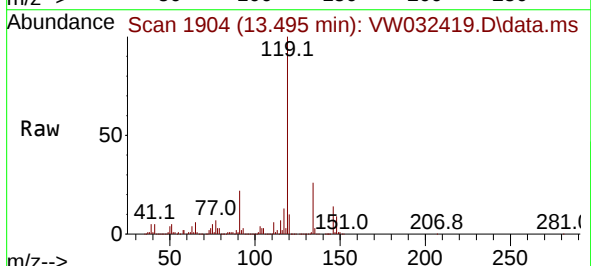
Tgt Ion:119 Resp: 3760070

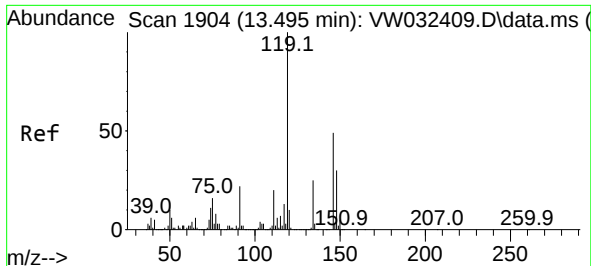
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 53.220 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

Instrument :

MSVOA_W

ClientSampleId :

HW1025-PT-VOA-SOIL

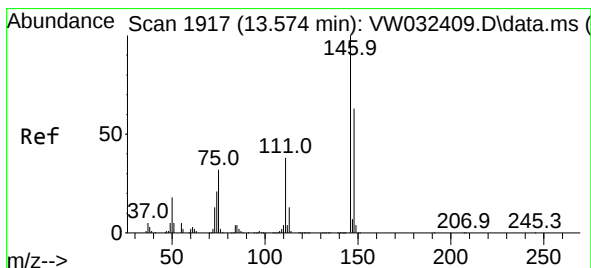
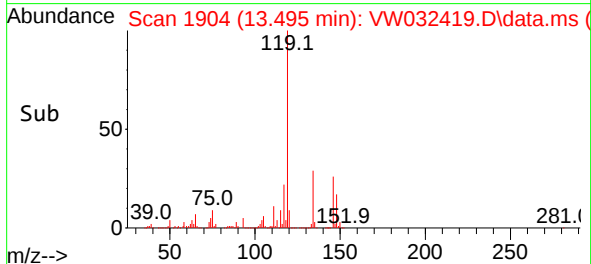
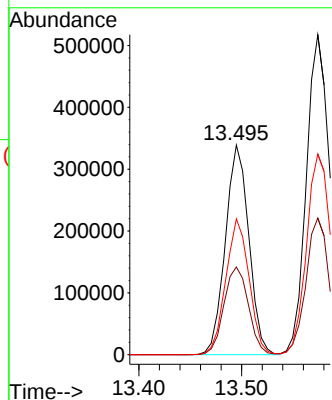
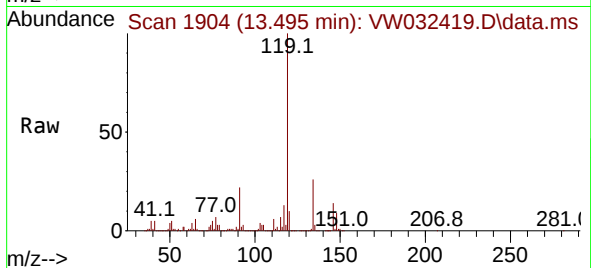
Tgt Ion:146 Resp: 538690

Ion Ratio Lower Upper

146 100

111 43.6 22.2 66.6

148 64.4 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 79.578 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032419.D

Acq: 11 Nov 2025 11:01

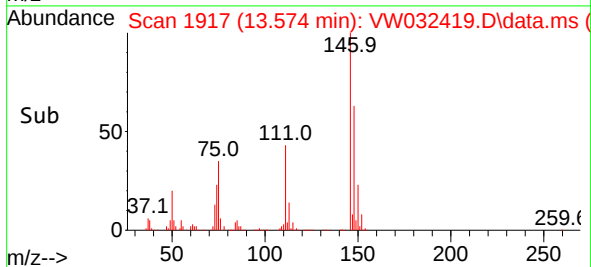
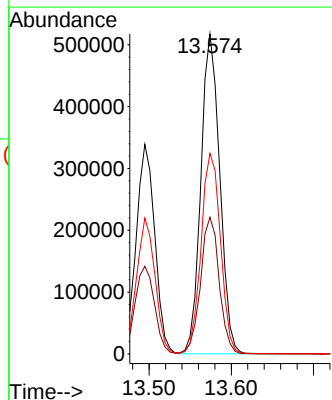
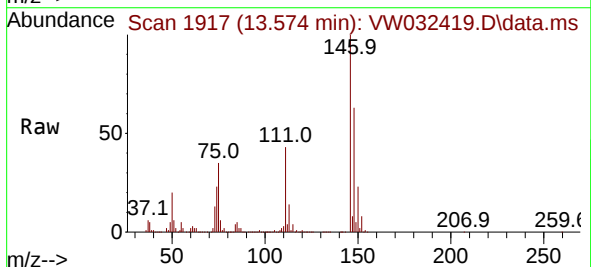
Tgt Ion:146 Resp: 825210

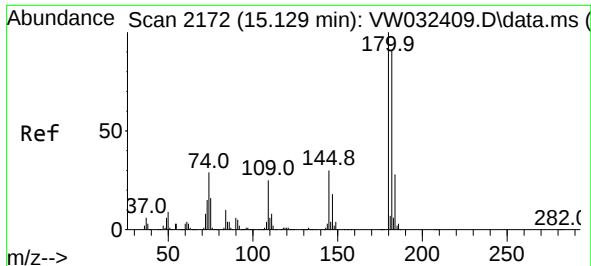
Ion Ratio Lower Upper

146 100

111 42.3 20.5 61.6

148 64.4 31.2 93.6

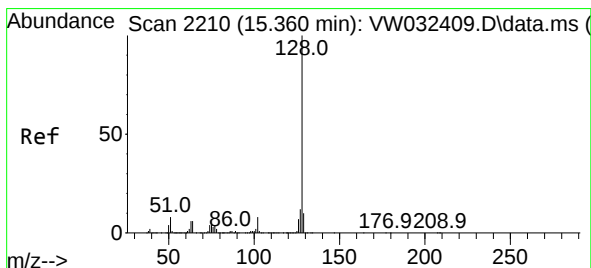
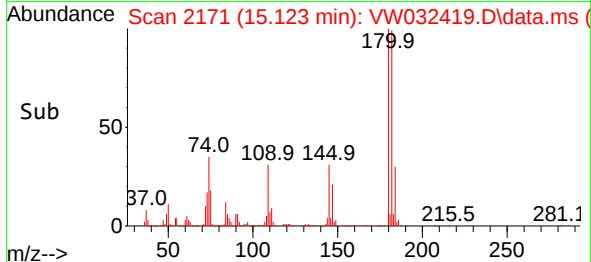
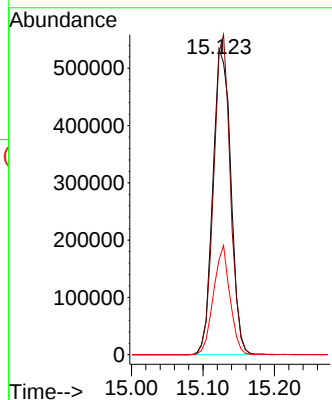
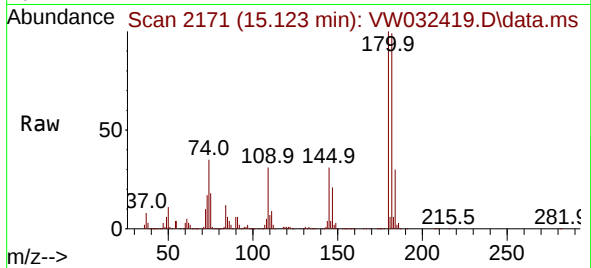




#93
1,2,4-Trichlorobenzene
Concen: 157.754 ug/l
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Instrument :
MSVOA_W
ClientSampleId :
HW1025-PT-VOA-SOIL

Tgt Ion:180 Resp: 932796
Ion Ratio Lower Upper
180 100
182 97.2 45.3 135.9
145 32.7 16.2 48.5



#95
Naphthalene
Concen: 61.703 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032419.D
Acq: 11 Nov 2025 11:01

Tgt Ion:128 Resp: 909817
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.9 8.6 12.8

