

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069098.D
 Acq On : 07 May 2021 12:58
 Operator : VA/SY
 Sample : M2214-22 4X
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOILD

Quant Time: May 08 00:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	247621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	426888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	419900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	201503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146602	45.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.88%		
35) Dibromofluoromethane	7.914	113	154224	52.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.36%		
50) Toluene-d8	10.338	98	544274	50.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.72%		
62) 4-Bromofluorobenzene	12.632	95	183780	51.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.40%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	193	3.24	ug/l #	73
11) Tert butyl alcohol	5.185	59	4866	Below Cal	#	81
16) Acetone	4.150	43	80953	173.02	ug/l	99
20) Methylene Chloride	4.956	84	31532	3.82	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	46989	15.24	ug/l #	82
24) 1,1-Dichloroethane	6.261	63	117409	22.27	ug/l	100
25) 2-Butanone	7.214	43	28832	42.26	ug/l #	73
26) 2,2-Dichloropropane	7.208	77	202319	41.09	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	123456	37.10	ug/l	96
28) Bromochloromethane	7.544	49	60629	28.49	ug/l	85
30) Chloroform	7.708	83	130928	22.21	ug/l	92
31) Cyclohexane	7.973	56	6123	1.32	ug/l #	68
36) 1,1-Dichloropropene	7.973	75	21258	4.73	ug/l #	51
37) Ethyl Acetate	7.214	43	28832	17.03	ug/l #	1
38) Carbon Tetrachloride	8.091	117	130286	26.75	ug/l	96
42) 1,2-Dichloroethane	8.420	62	141359	36.39	ug/l	95
44) Trichloroethene	9.108	130	93721	28.37	ug/l	90
46) Dibromomethane	9.661	93	3208	1.82	ug/l #	7
47) Bromodichloromethane	9.661	83	97110	21.00	ug/l	98
52) Toluene	10.402	92	325465	41.27	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	65306	16.25	ug/l #	83
54) cis-1,3-Dichloropropene	10.091	75	48144	10.13	ug/l #	89
56) Ethyl methacrylate	10.655	69	60	2.39	ug/l #	26
59) 2-Hexanone	10.985	43	38648	35.23	ug/l	94
60) Dibromochloromethane	11.138	129	100981	32.49	ug/l	95
61) 1,2-Dibromoethane	11.244	107	69520	30.67	ug/l	96
64) Tetrachloroethene	10.873	164	87488	32.33	ug/l	97
65) Chlorobenzene	11.667	112	136606	15.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	130888	40.36	ug/l	98
67) Ethyl Benzene	11.744	91	258925	17.04	ug/l	98
68) m/p-Xylenes	11.849	106	211090	36.95	ug/l	93
69) o-Xylene	12.179	106	191053	37.30	ug/l	97
70) Styrene	12.173	104	10863	1.20	ug/l #	1
71) Bromoform	12.355	173	24972	15.02	ug/l #	92
73) Isopropylbenzene	12.479	105	202977	14.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	84205	30.80	ug/l	98

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

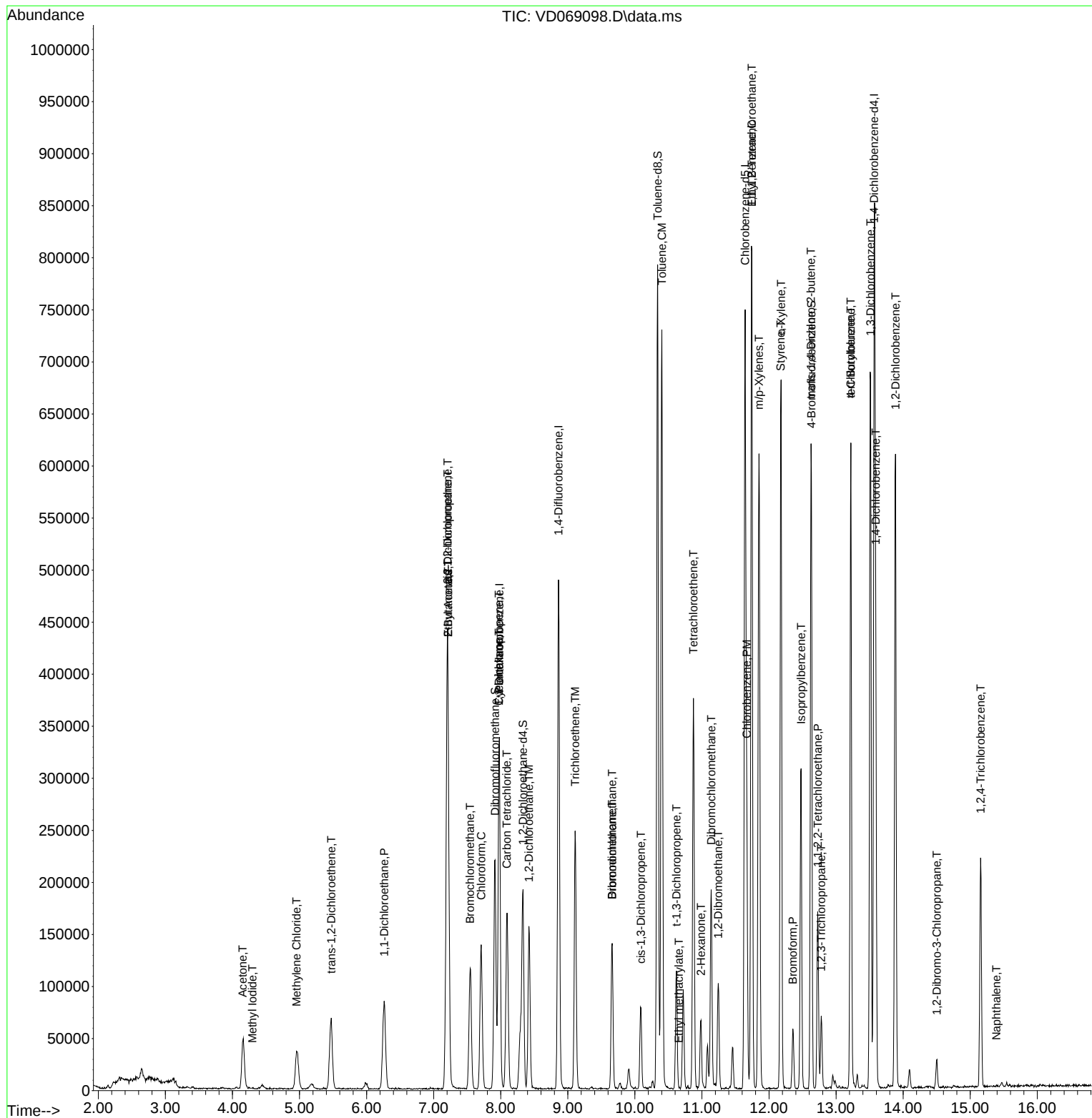
76) 1,2,3-Trichloropropane	12.779	75	27413	15.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	96714	119.97	ug/l #	9
82) 4-Chlorotoluene	13.220	91	183949	17.98	ug/l #	40
83) tert-Butylbenzene	13.220	119	281203	29.06	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	298470	46.06	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	148817	23.30	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	260171	46.18	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7209	16.03	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	71988	21.54	ug/l	99
95) Naphthalene	15.390	128	994	2.97	ug/l #	81

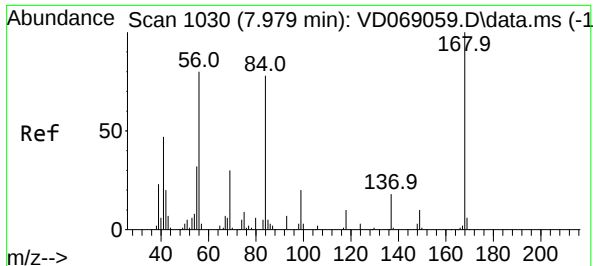
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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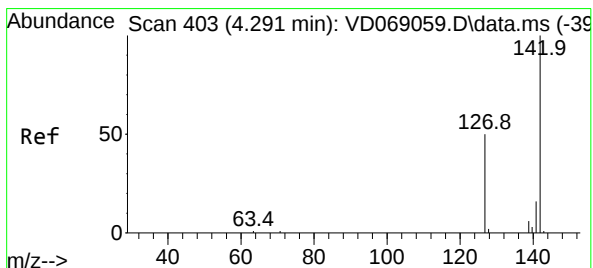
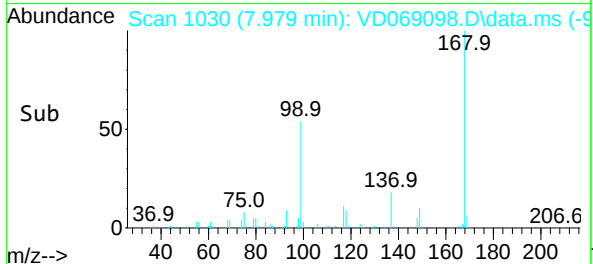
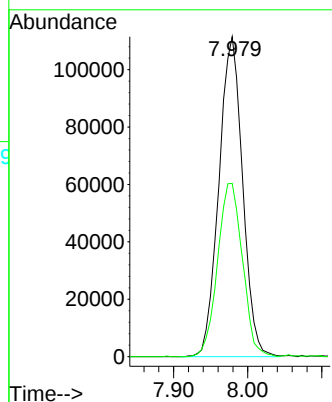
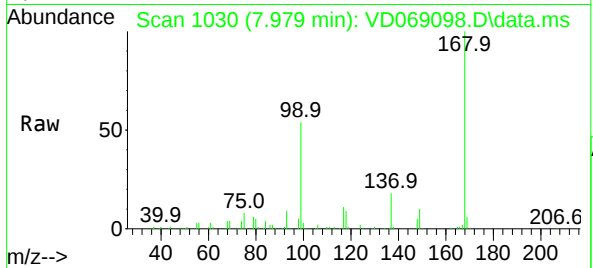




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

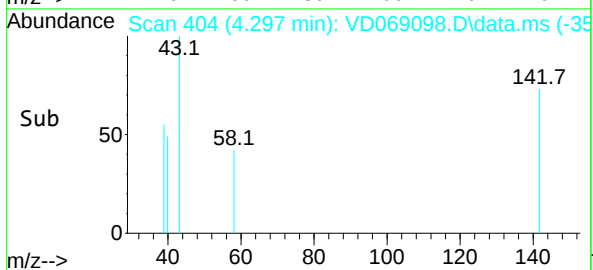
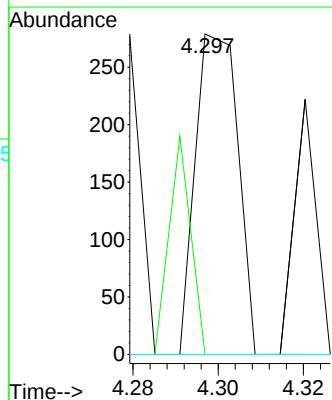
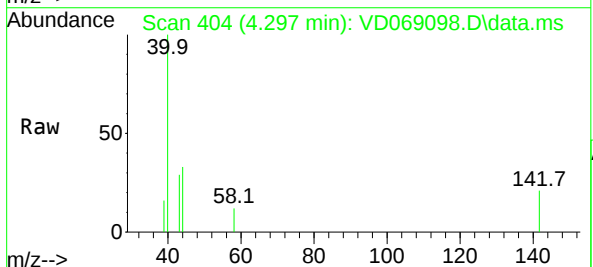
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MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

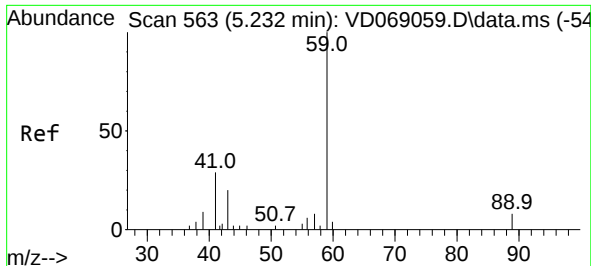
Tgt Ion:168 Resp: 247621
Ion Ratio Lower Upper
168 100
99 54.2 52.6 78.8



#10
Methyl Iodide
Concen: 3.24 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 34.7 41.6 62.4#
141 0.0 12.2 18.4#

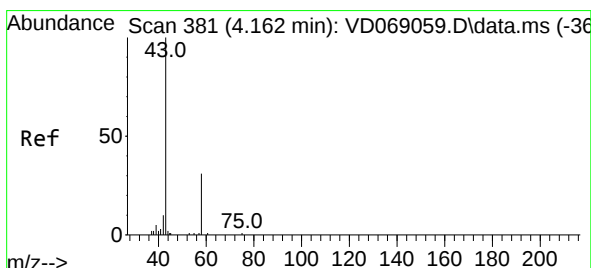
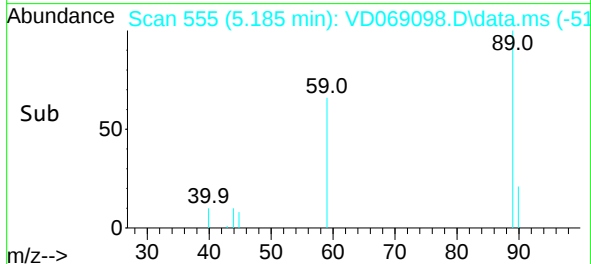
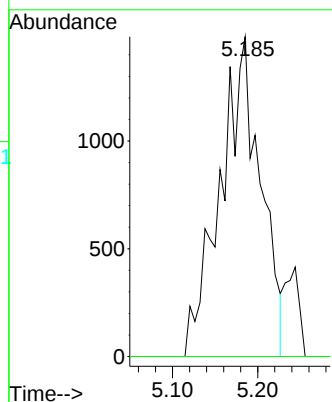
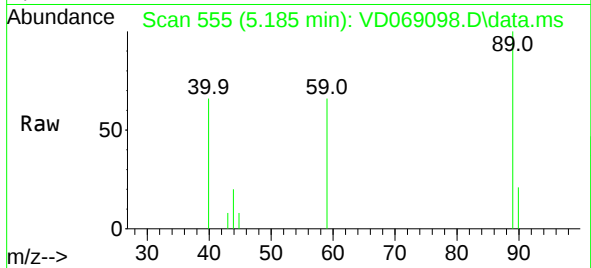




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.047 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

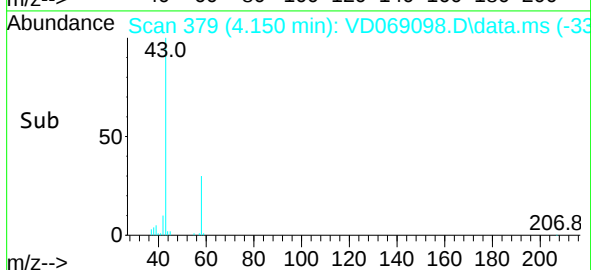
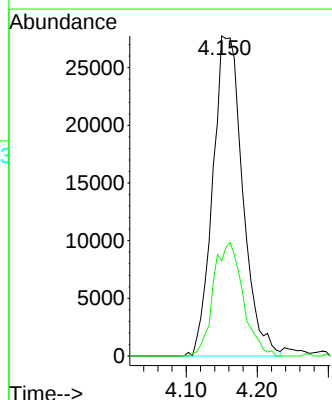
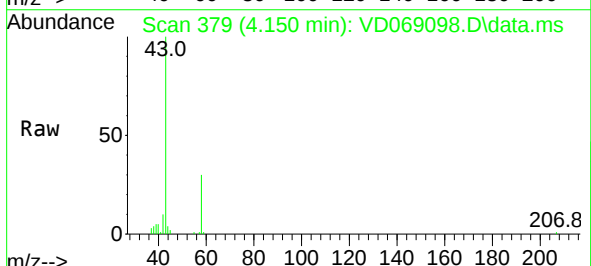
Instrument :
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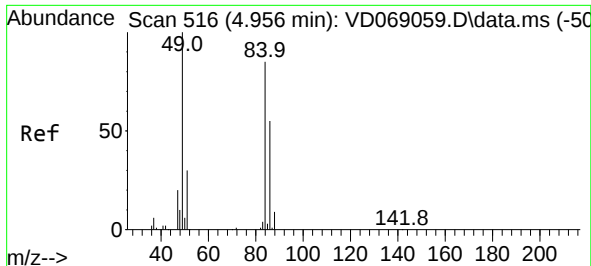
Tgt Ion: 59 Resp: 4866
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#



#16
Acetone
Concen: 173.02 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 43 Resp: 80953
Ion Ratio Lower Upper
43 100
58 29.8 24.5 36.7

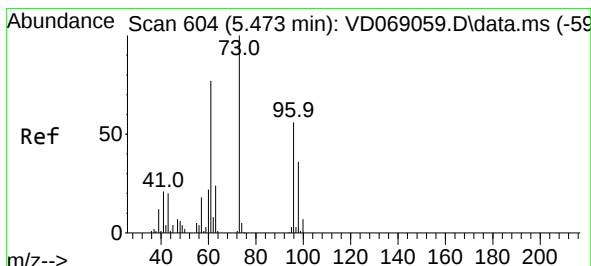
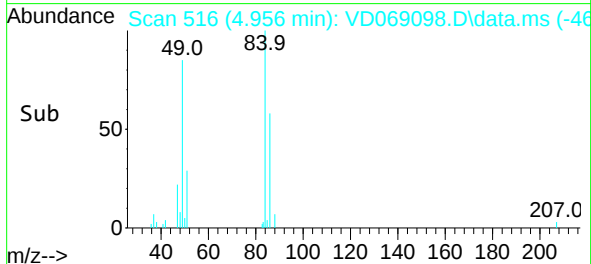
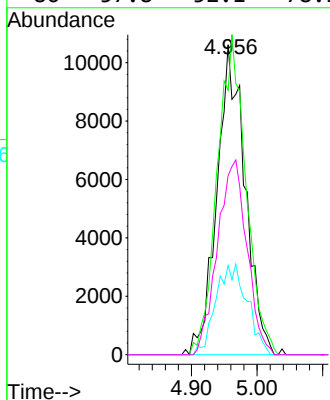
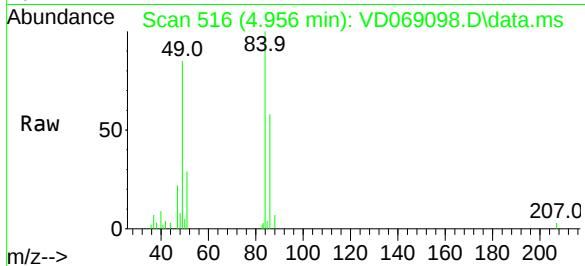




#20
Methylene Chloride
Concen: 3.82 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

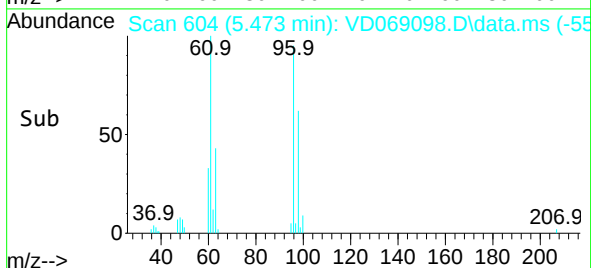
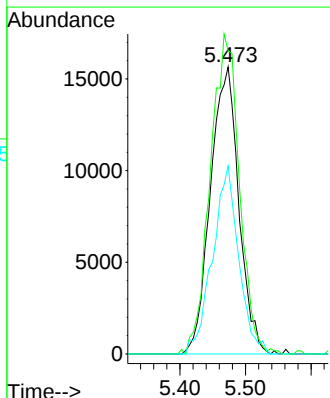
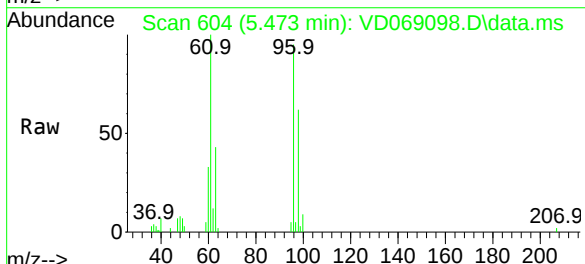
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

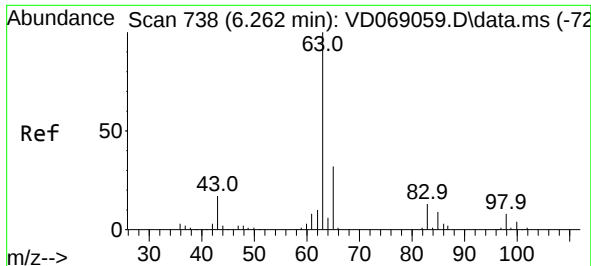
Tgt Ion:	84	Resp:	31532
Ion	Ratio	Lower	Upper
84	100		
49	85.3	93.9	140.9#
51	28.8	27.9	41.9
86	57.8	52.1	78.1



#21
trans-1,2-Dichloroethene
Concen: 15.24 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:	96	Resp:	46989
Ion	Ratio	Lower	Upper
96	100		
61	105.5	109.0	163.4#
98	65.5	51.2	76.8

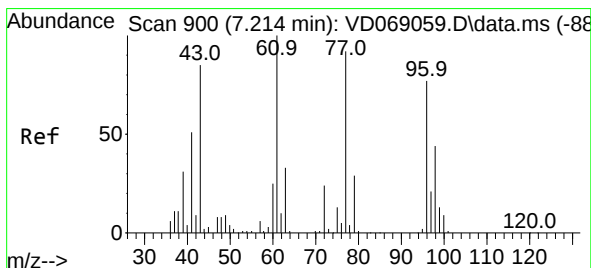
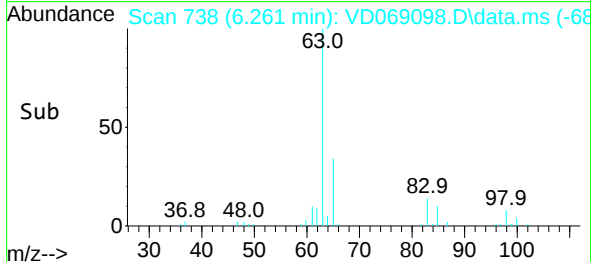
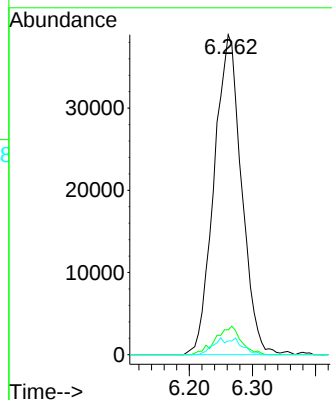
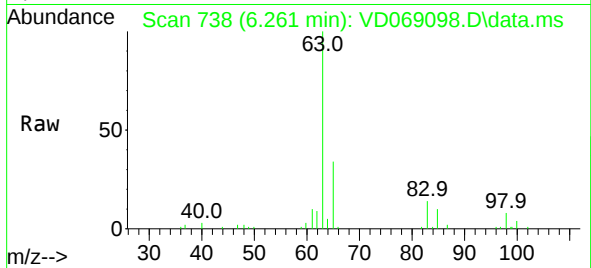




#24
1,1-Dichloroethane
Concen: 22.27 ug/l
RT: 6.261 min Scan# 738
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

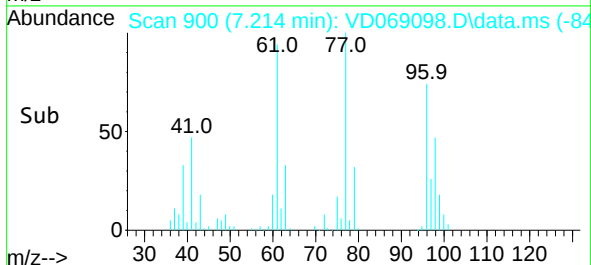
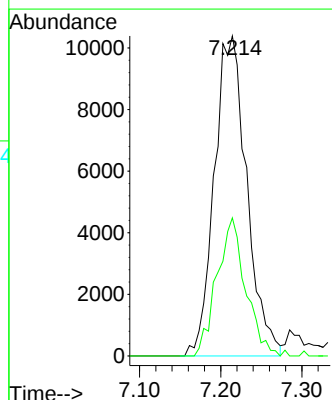
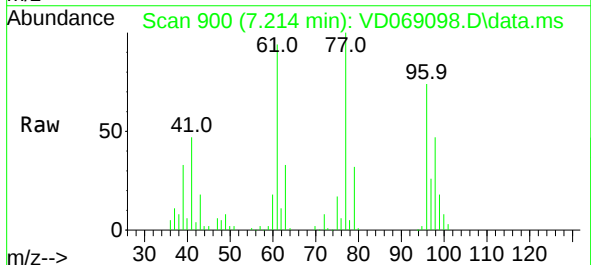
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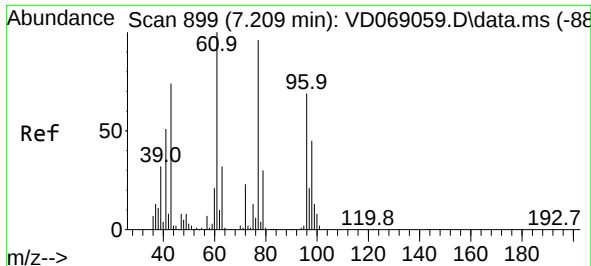
Tgt Ion: 63 Resp: 117409
Ion Ratio Lower Upper
63 100
98 7.7 3.9 11.7
100 4.3 2.1 6.5



#25
2-Butanone
Concen: 42.26 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 43 Resp: 28832
Ion Ratio Lower Upper
43 100
72 43.2 23.0 34.4#





#26

2,2-Dichloropropane

Concen: 41.09 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD069098.D

Acq: 07 May 2021 12:58

Instrument :

MSVOA_D

ClientSampleId :

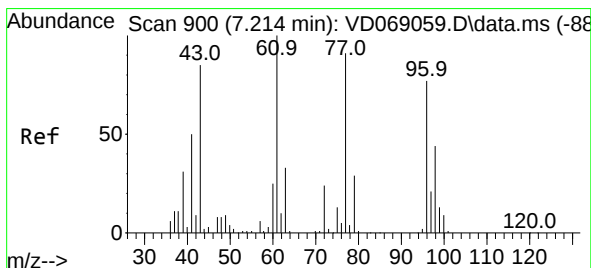
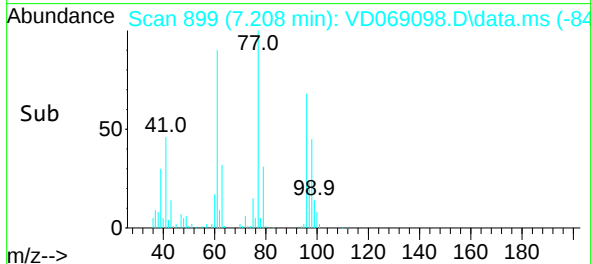
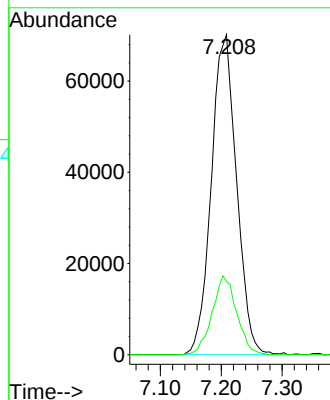
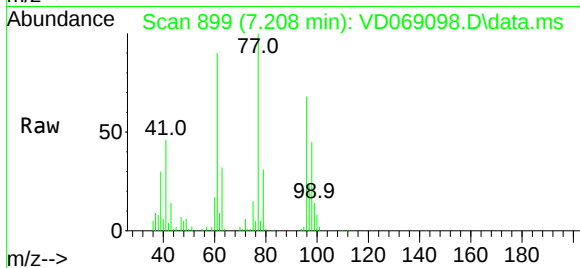
PT-VOA-SOILDL

Tgt Ion: 77 Resp: 202319

Ion Ratio Lower Upper

77 100

97 23.9 11.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 37.10 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069098.D

Acq: 07 May 2021 12:58

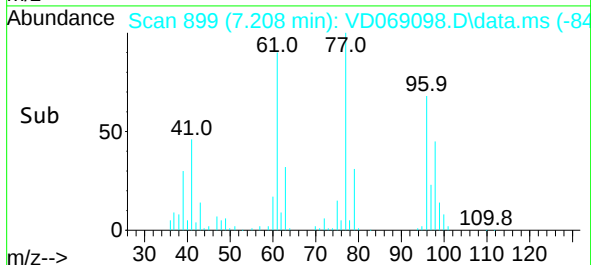
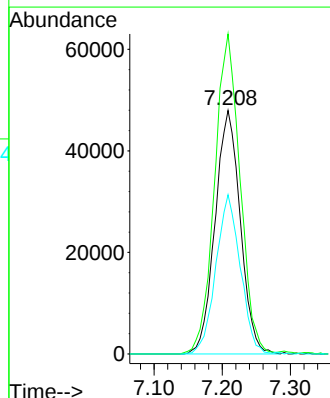
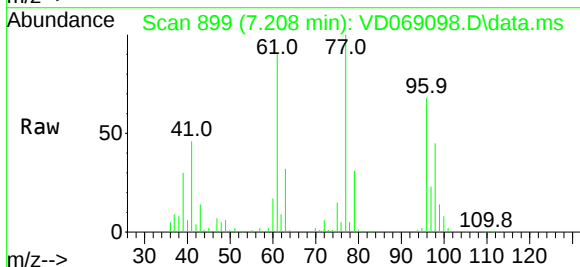
Tgt Ion: 96 Resp: 123456

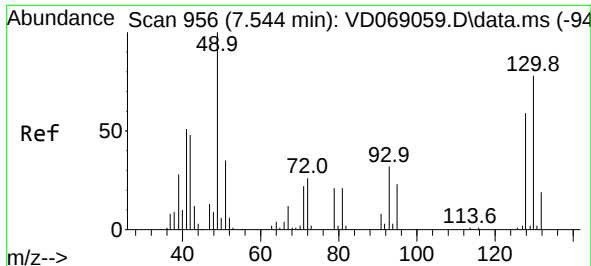
Ion Ratio Lower Upper

96 100

61 132.4 0.0 278.0

98 63.4 0.0 126.0

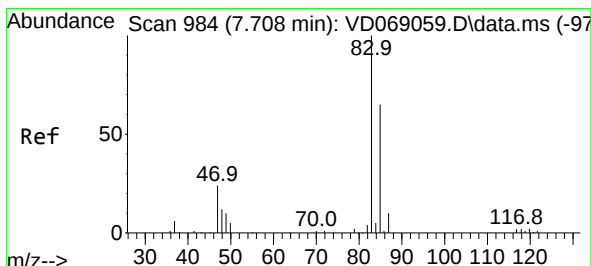
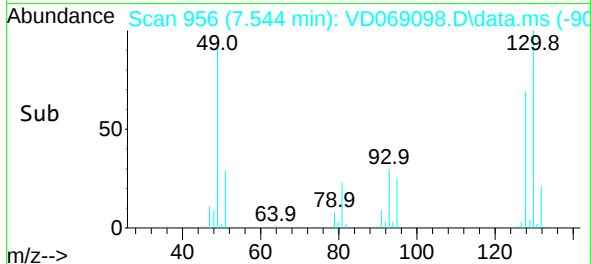
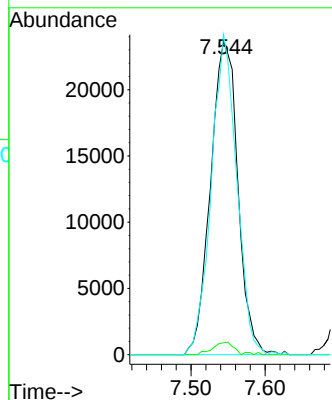
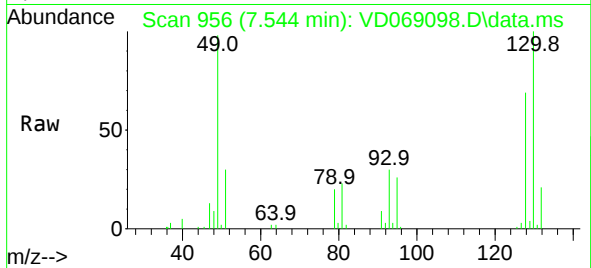




#28
Bromochloromethane
Concen: 28.49 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

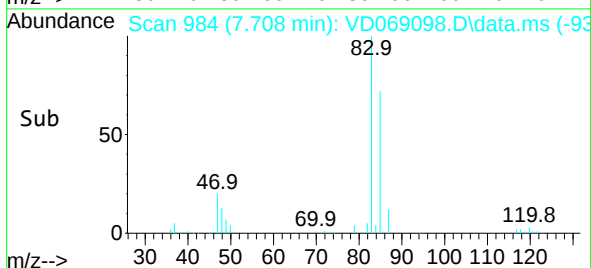
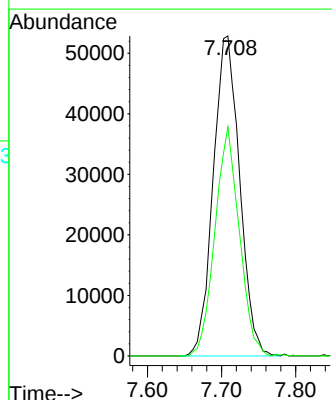
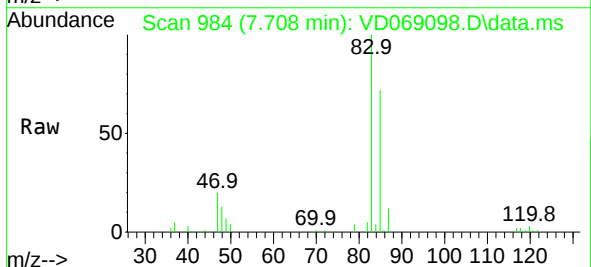
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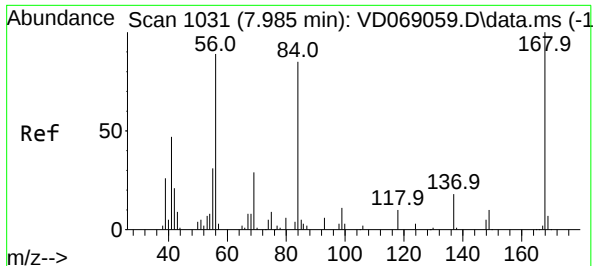
Tgt Ion: 49 Resp: 60629
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.2
130 95.1 64.9 97.3



#30
Chloroform
Concen: 22.21 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

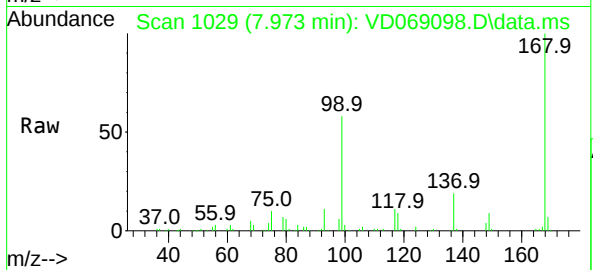
Tgt Ion: 83 Resp: 130928
Ion Ratio Lower Upper
83 100
85 71.5 52.4 78.6



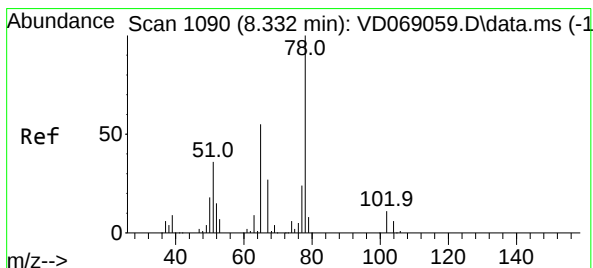
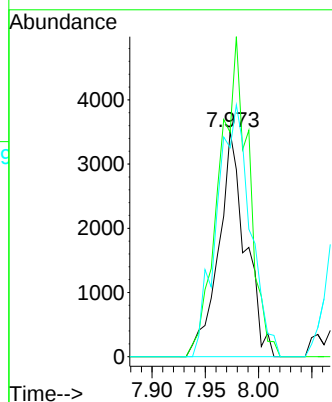
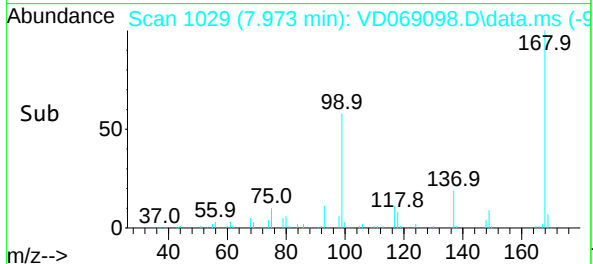


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

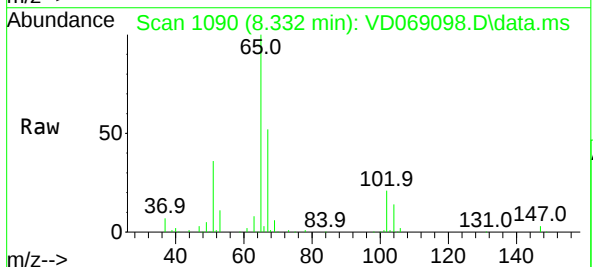
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL



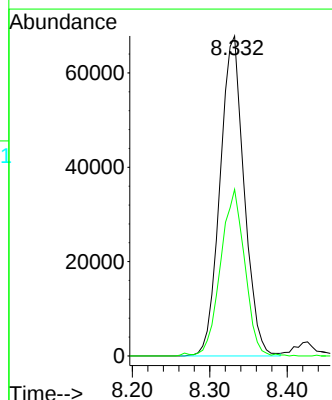
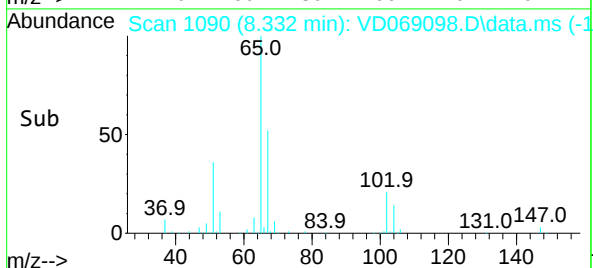
Tgt Ion: 56 Resp: 6123
Ion Ratio Lower Upper
56 100
69 99.7 26.3 39.5#
84 92.9 75.9 113.9

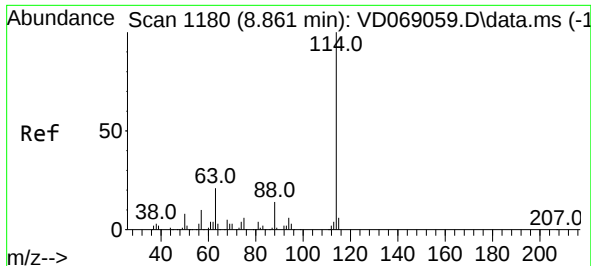


#33
1,2-Dichloroethane-d4
Concen: 45.94 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58



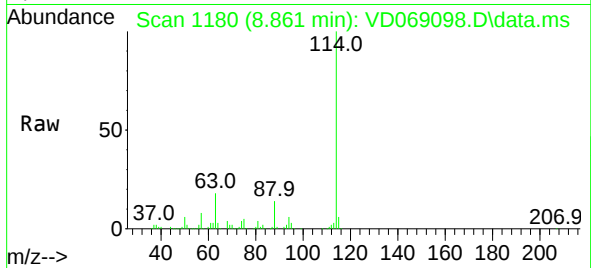
Tgt Ion: 65 Resp: 146602
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



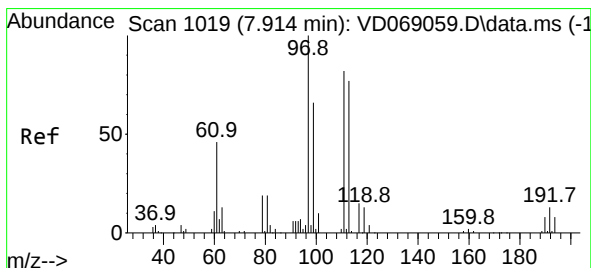
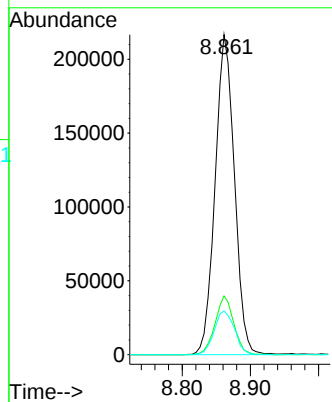
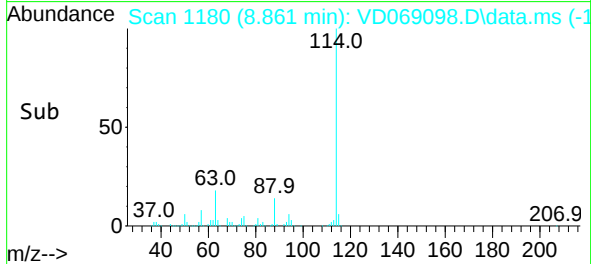


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

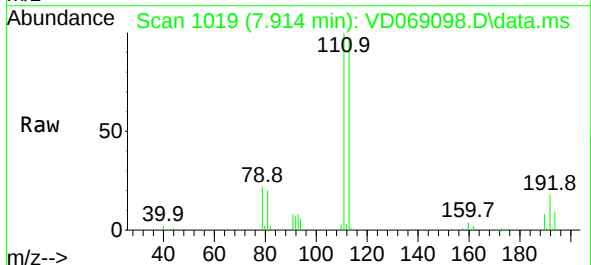
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL



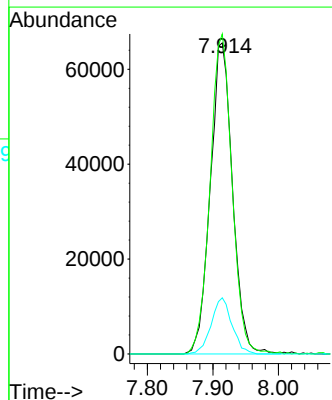
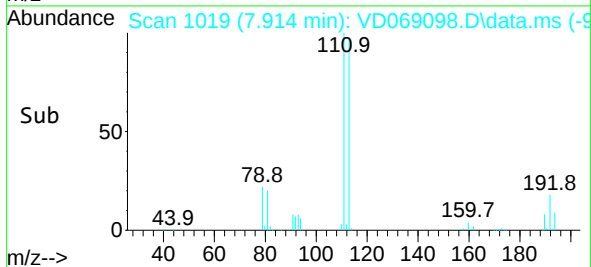
Tgt Ion:114 Resp: 426888
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.4
88 13.6 0.0 27.8

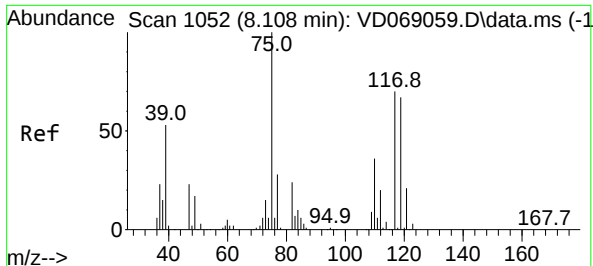


#35
Dibromofluoromethane
Concen: 52.68 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58



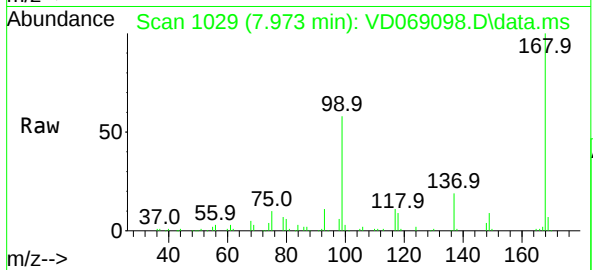
Tgt Ion:113 Resp: 154224
Ion Ratio Lower Upper
113 100
111 101.5 84.6 126.8
192 16.9 13.5 20.3



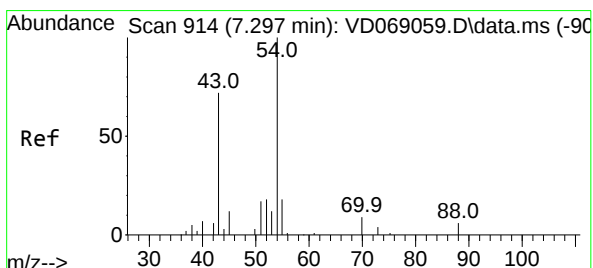
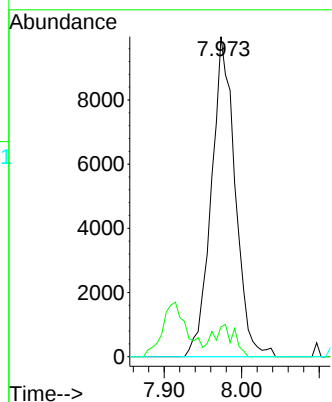
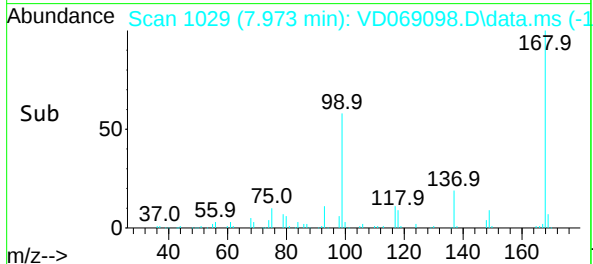


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

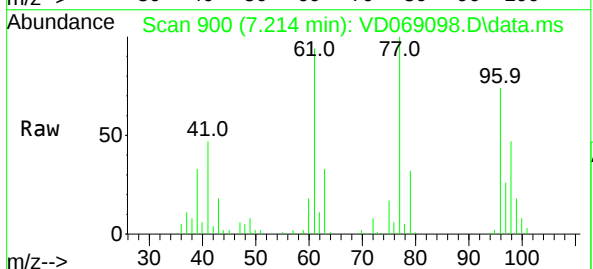
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL



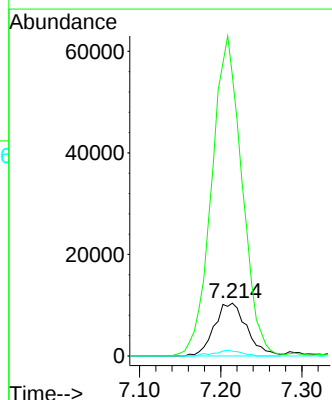
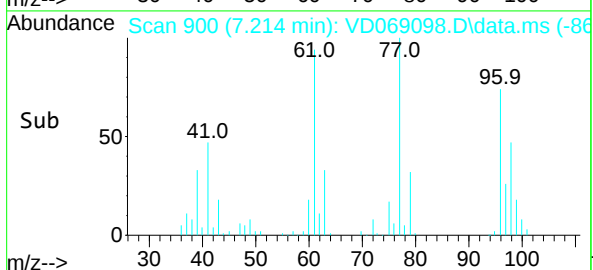
Tgt Ion: 75 Resp: 21258
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.7#
77 0.0 23.9 35.9#

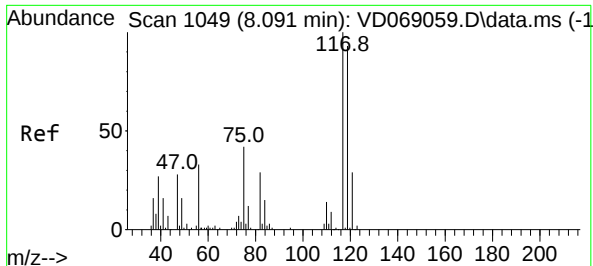


#37
Ethyl Acetate
Concen: 17.03 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.082 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58



Tgt Ion: 43 Resp: 28832
Ion Ratio Lower Upper
43 100
61 566.9 11.0 16.4#
70 8.9 8.5 12.7

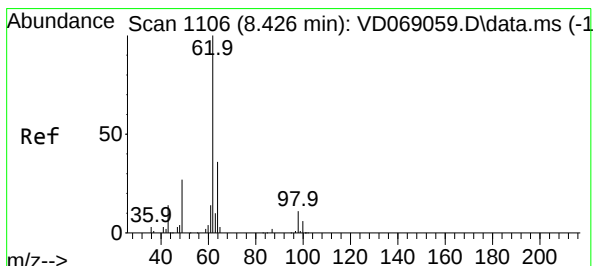
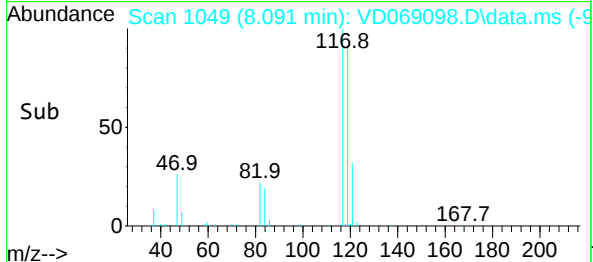
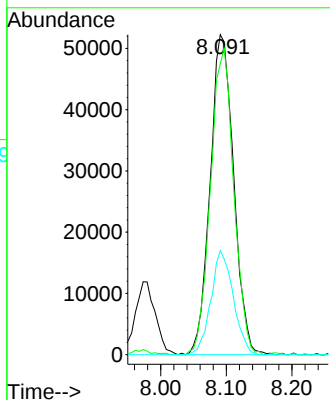
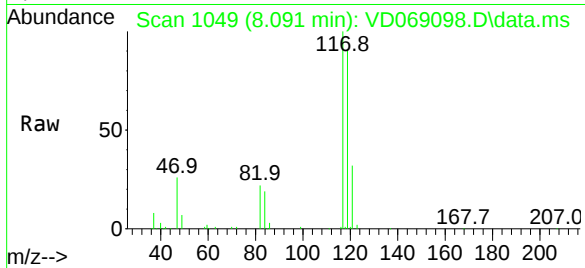




#38
Carbon Tetrachloride
Concen: 26.75 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

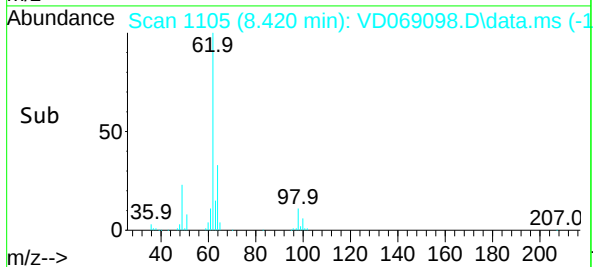
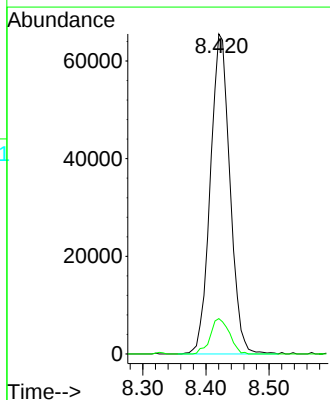
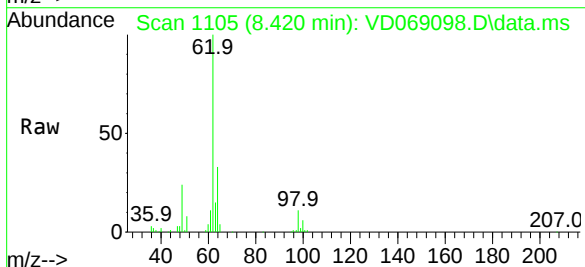
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

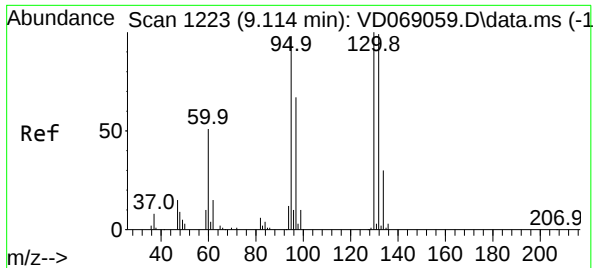
Tgt Ion:117 Resp: 130286
Ion Ratio Lower Upper
117 100
119 90.9 74.7 112.1
121 32.5 23.1 34.7



#42
1,2-Dichloroethane
Concen: 36.39 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 62 Resp: 141359
Ion Ratio Lower Upper
62 100
98 10.8 0.0 18.2

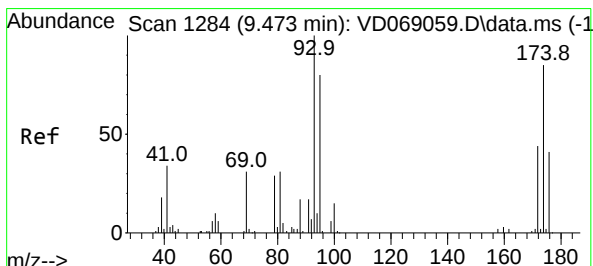
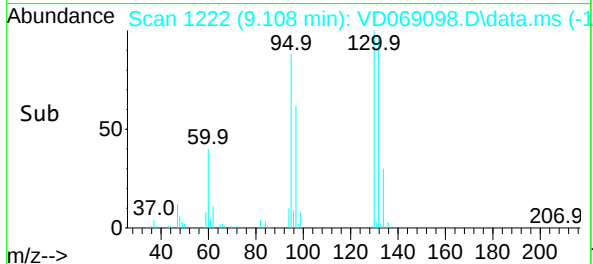
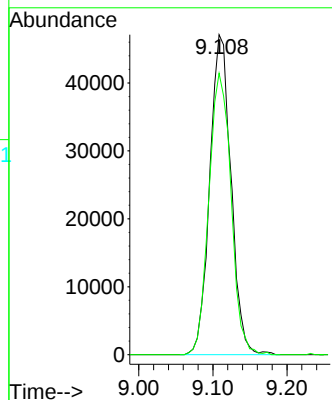
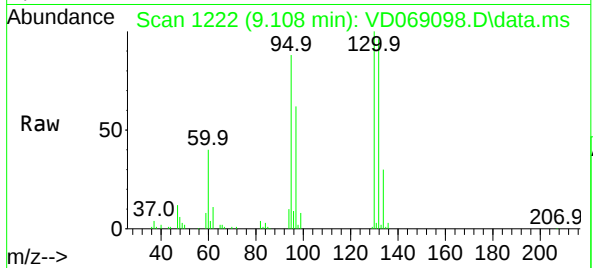




#44
Trichloroethene
Concen: 28.37 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

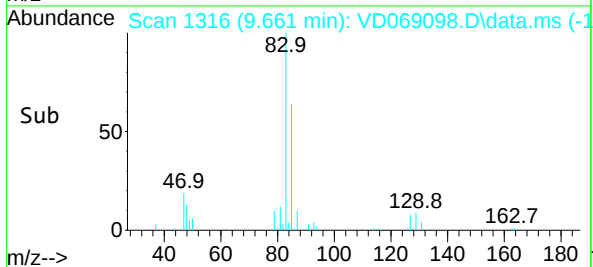
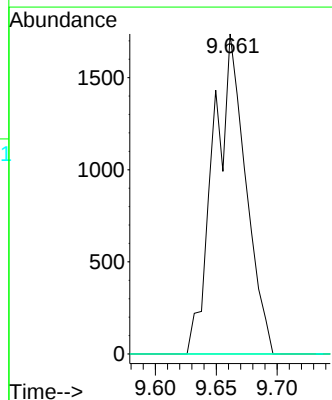
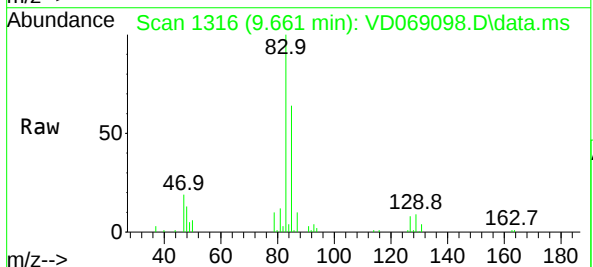
Instrument :
MSVOA_D
ClientSampleID :
PT-VOA-SOILDL

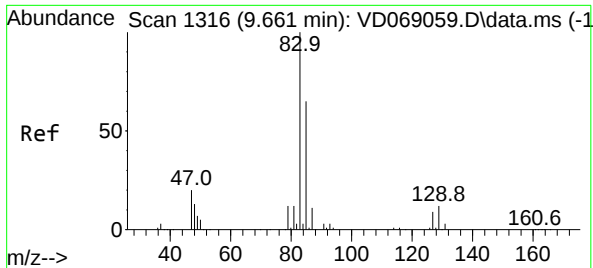
Tgt Ion:130 Resp: 93721
Ion Ratio Lower Upper
130 100
95 87.9 0.0 196.2



#46
Dibromomethane
Concen: 1.82 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.188 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 93 Resp: 3208
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.2#
174 0.0 68.9 103.3#

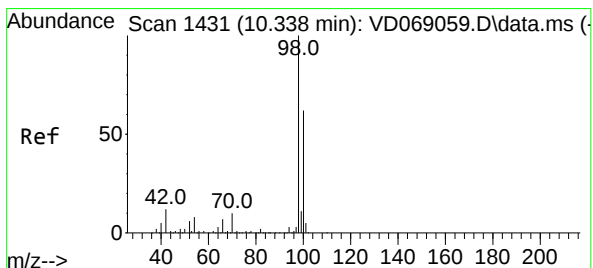
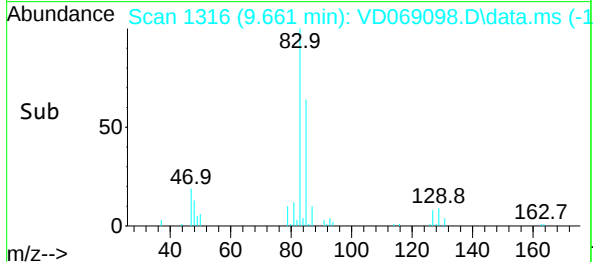
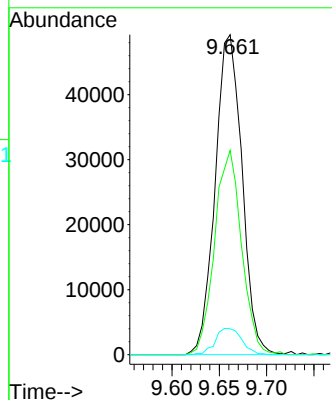
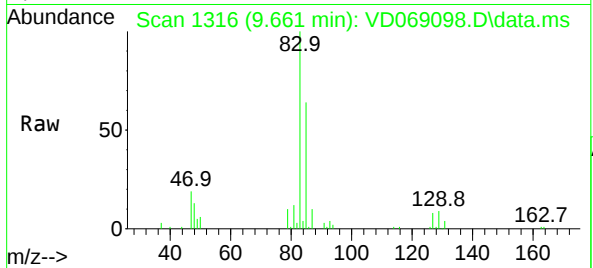




#47
Bromodichloromethane
Concen: 21.00 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

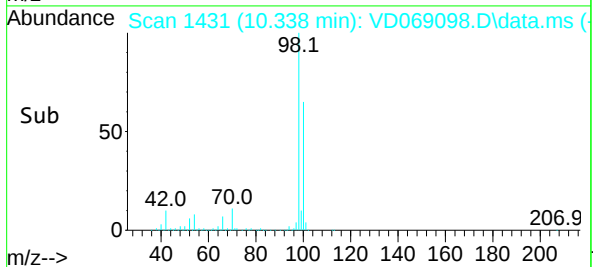
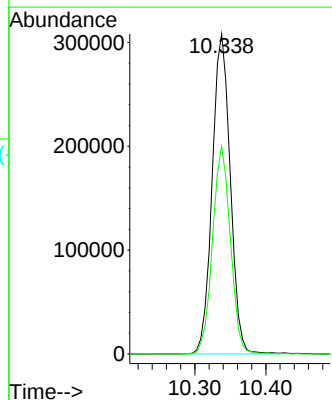
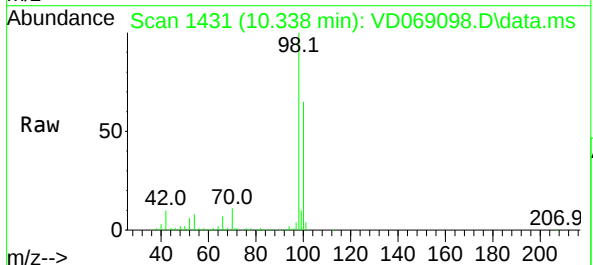
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

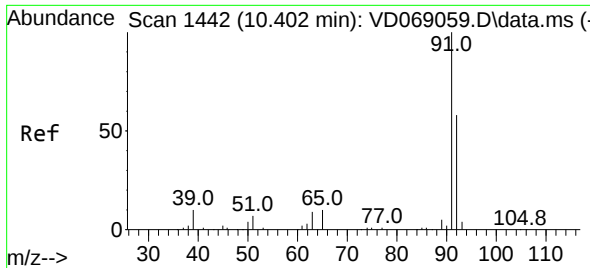
Tgt Ion: 83 Resp: 97110
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 8.1 7.0 10.4



#50
Toluene-d8
Concen: 50.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 98 Resp: 544274
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

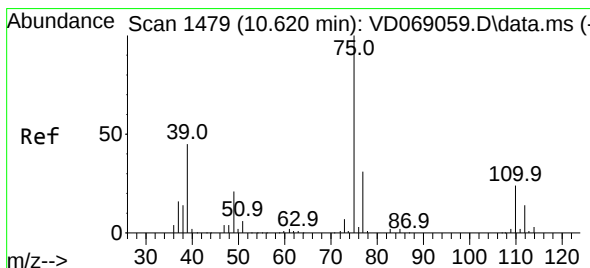
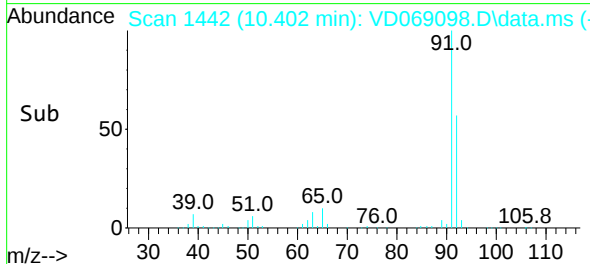
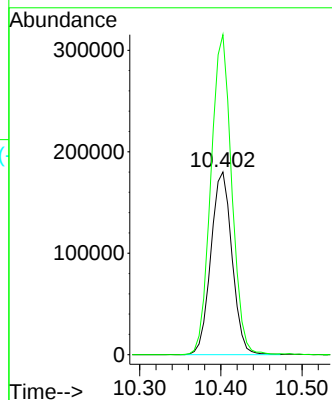
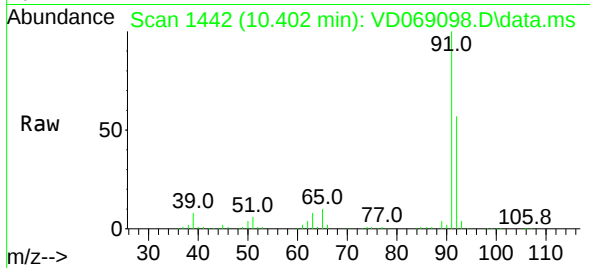




#52
Toluene
Concen: 41.27 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

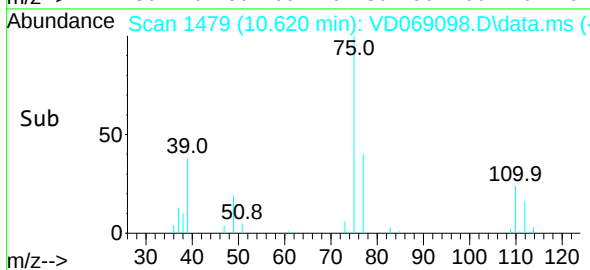
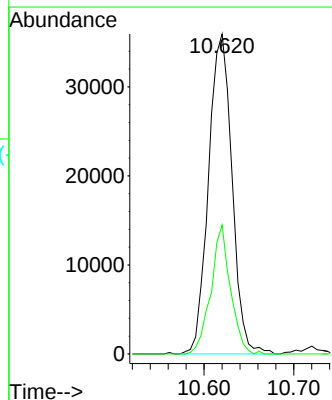
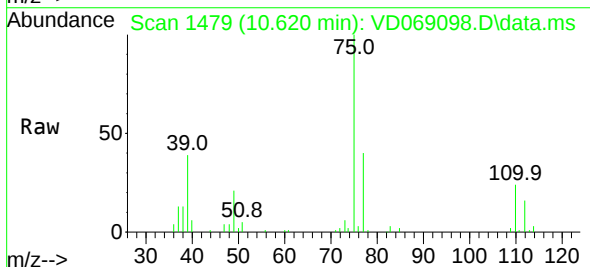
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

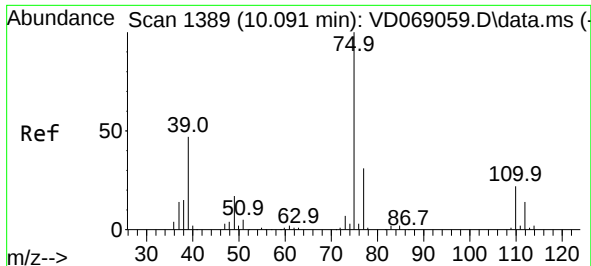
Tgt Ion: 92 Resp: 325465
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.2



#53
t-1,3-Dichloropropene
Concen: 16.25 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 75 Resp: 65306
Ion Ratio Lower Upper
75 100
77 40.3 24.6 37.0#

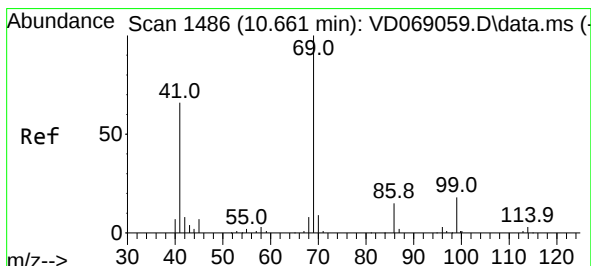
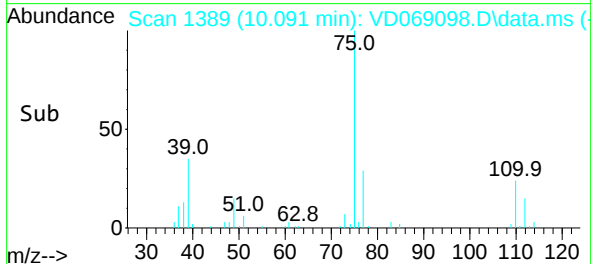
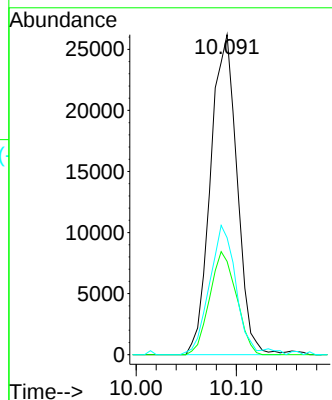
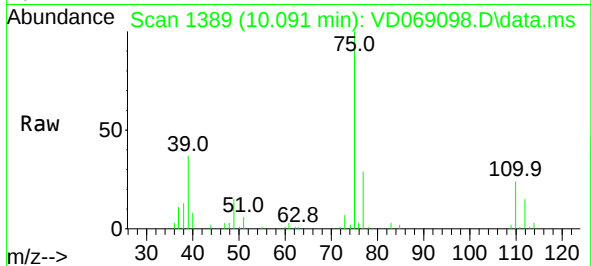




#54
cis-1,3-Dichloropropene
Concen: 10.13 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

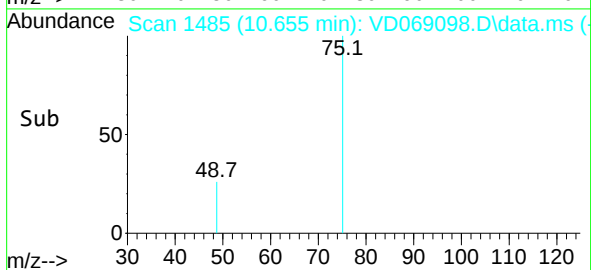
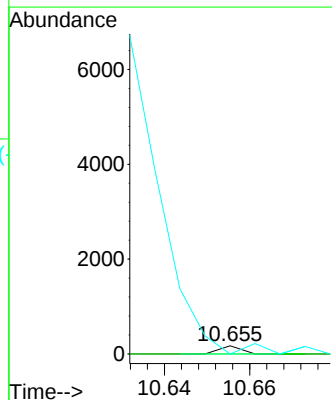
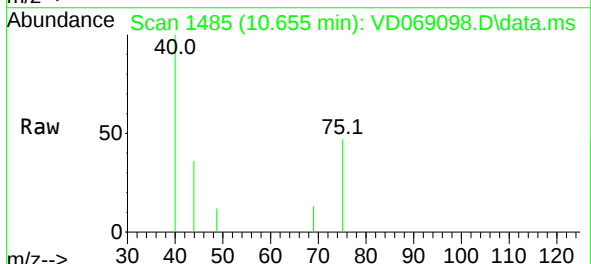
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

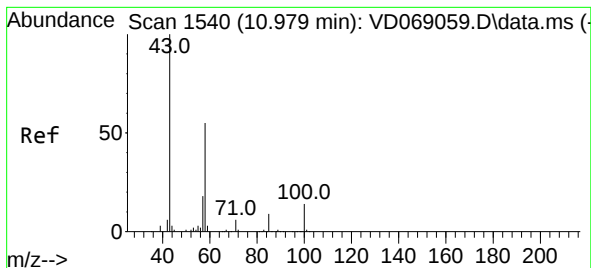
Tgt Ion: 75	Resp: 48144
Ion Ratio	Lower Upper
75 100	
77 29.2	24.9 37.3
39 36.5	37.8 56.8#



#56
Ethyl methacrylate
Concen: 2.39 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 69	Resp: 60
Ion Ratio	Lower Upper
69 100	
41 0.0	49.2 73.8#
39 0.0	29.8 44.6#

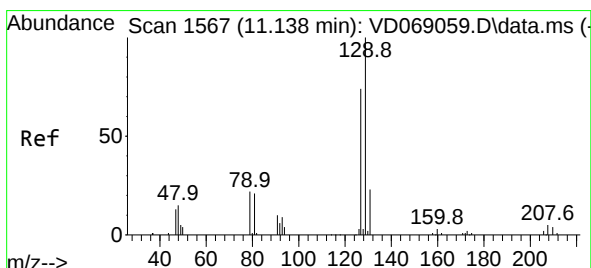
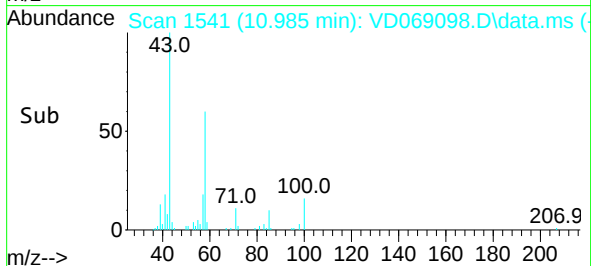
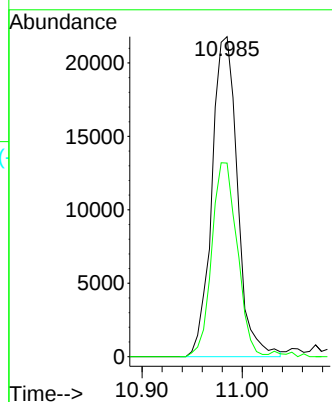
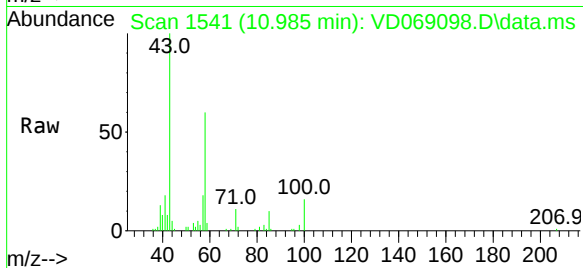




#59
2-Hexanone
Concen: 35.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

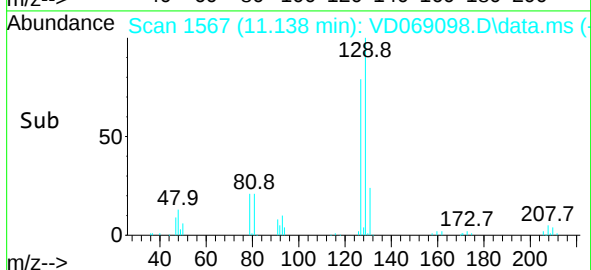
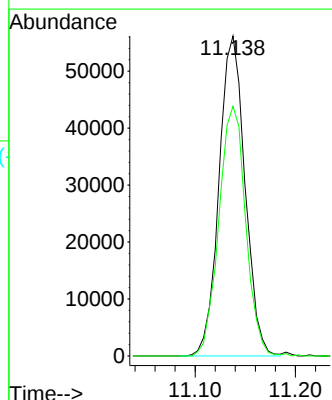
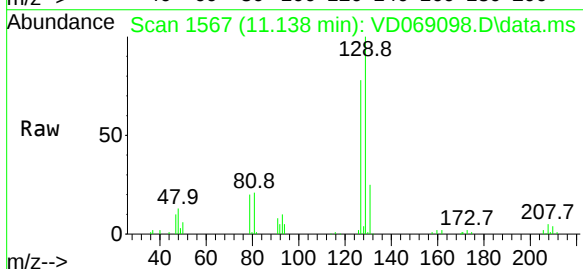
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

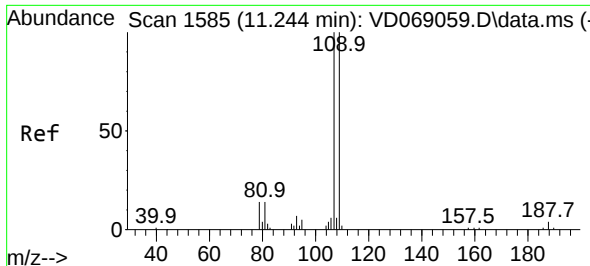
Tgt Ion: 43 Resp: 38648
Ion Ratio Lower Upper
43 100
58 60.2 27.9 83.6



#60
Dibromochloromethane
Concen: 32.49 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:129 Resp: 100981
Ion Ratio Lower Upper
129 100
127 80.5 38.0 114.1

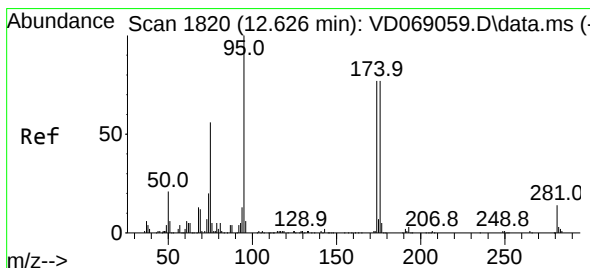
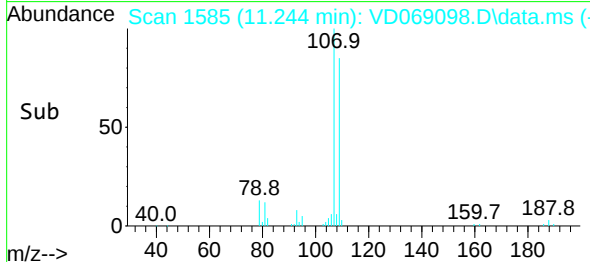
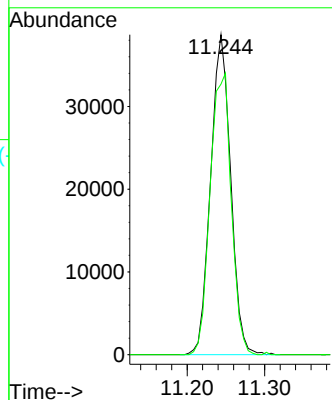
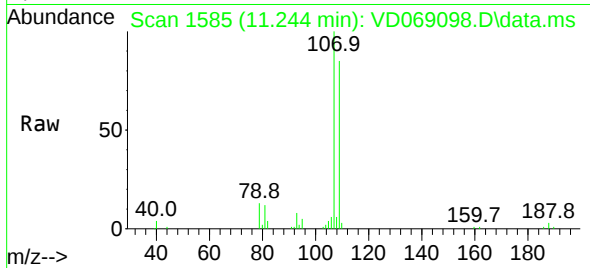




#61
1,2-Dibromoethane
Concen: 30.67 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

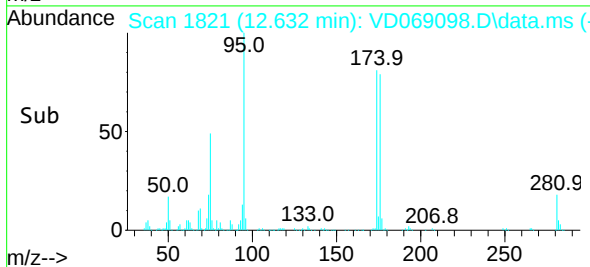
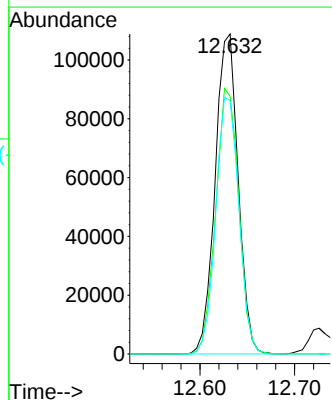
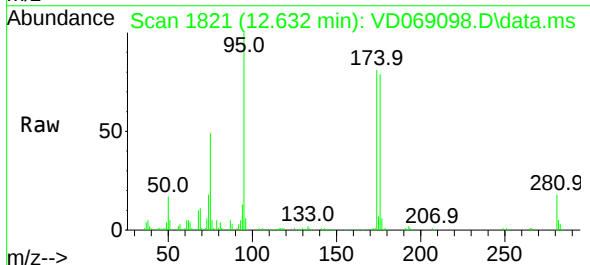
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

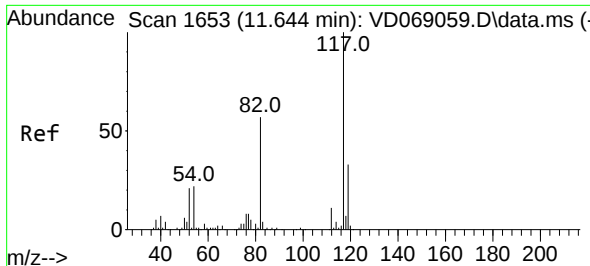
Tgt Ion:107 Resp: 69520
Ion Ratio Lower Upper
107 100
109 92.8 77.6 116.4



#62
4-Bromofluorobenzene
Concen: 51.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

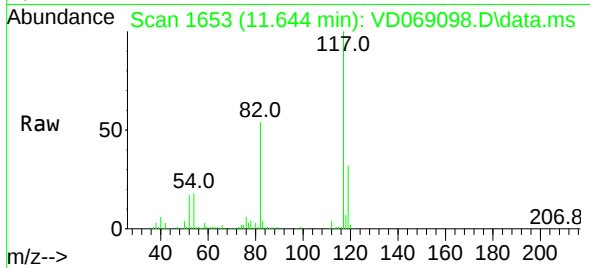
Tgt Ion: 95 Resp: 183780
Ion Ratio Lower Upper
95 100
174 83.2 0.0 156.0
176 80.8 0.0 149.4



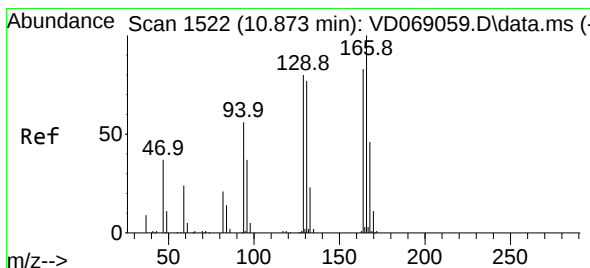
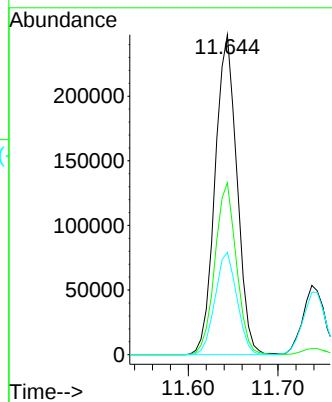
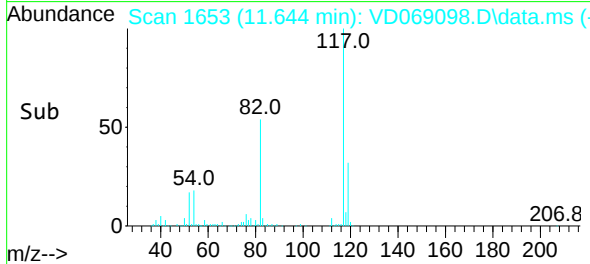


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

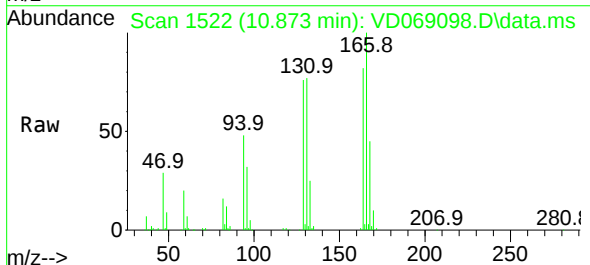
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL



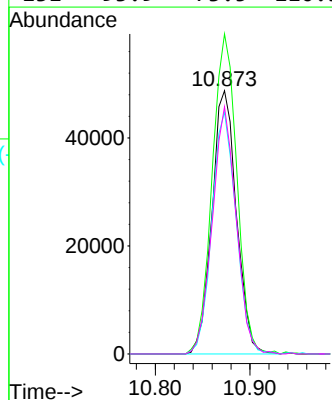
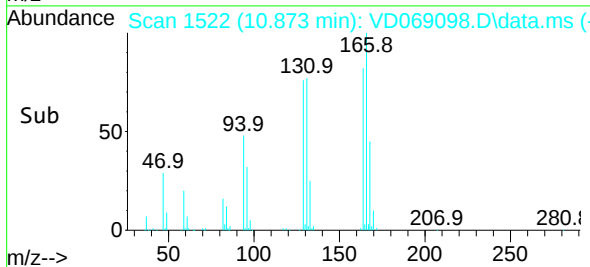
Tgt Ion:	117	Resp:	419900
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.4	68.2
119	32.0	26.8	40.2

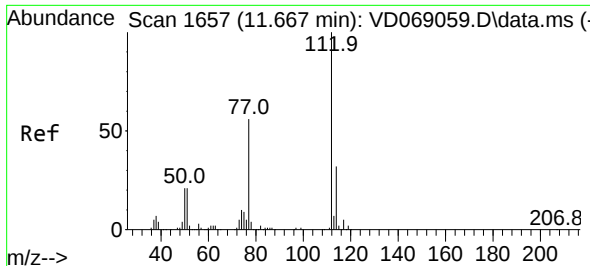


#64
Tetrachloroethene
Concen: 32.33 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58



Tgt Ion:	164	Resp:	87488
Ion	Ratio	Lower	Upper
164	100		
166	121.6	96.0	144.0
129	91.9	76.8	115.2
131	93.9	73.5	110.3

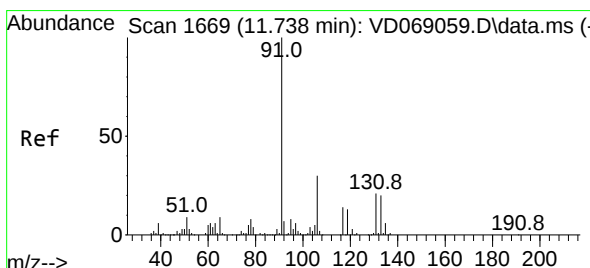
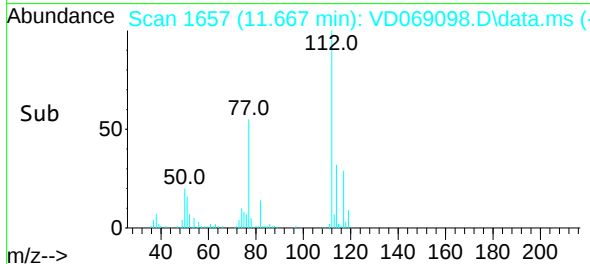
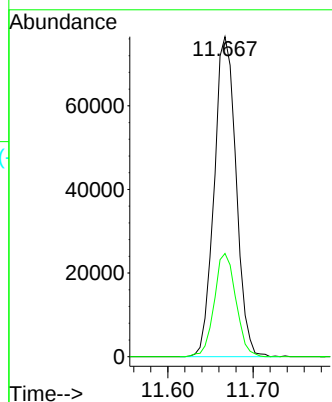
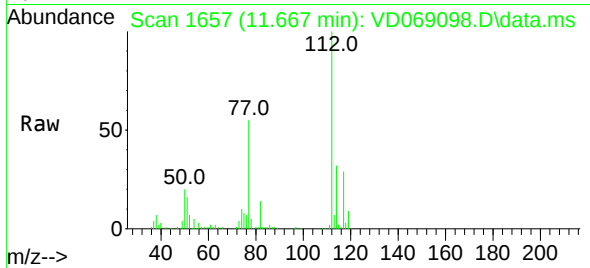




#65
Chlorobenzene
Concen: 15.94 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

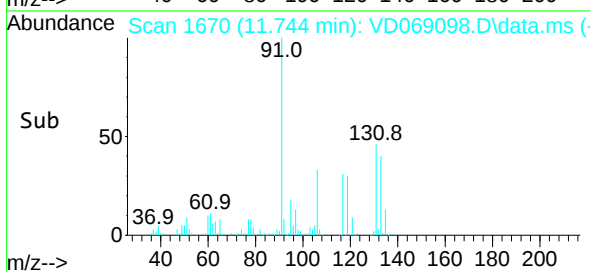
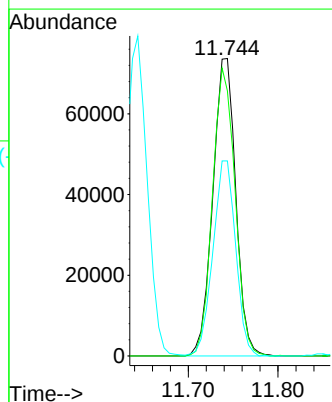
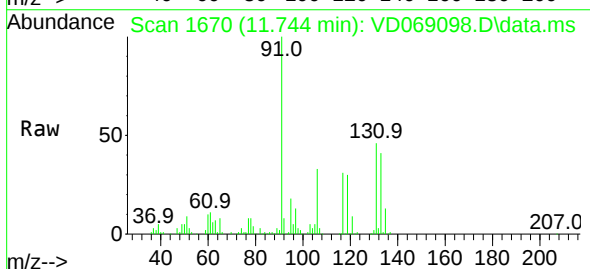
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

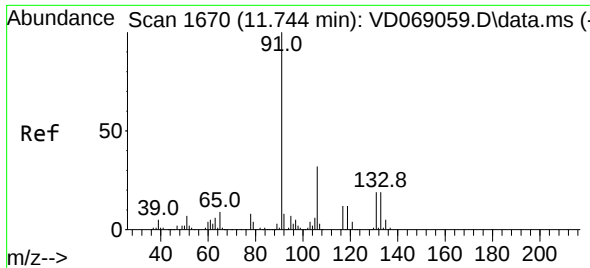
Tgt Ion:112 Resp: 136606
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 40.36 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:131 Resp: 130888
Ion Ratio Lower Upper
131 100
133 95.0 48.7 146.1
119 65.1 32.0 96.2

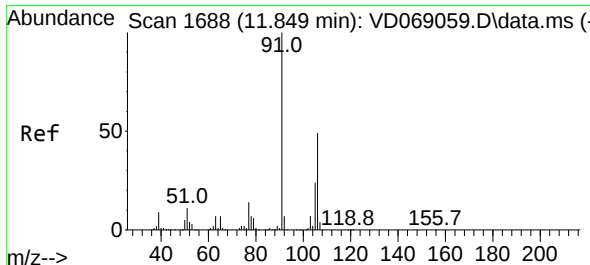
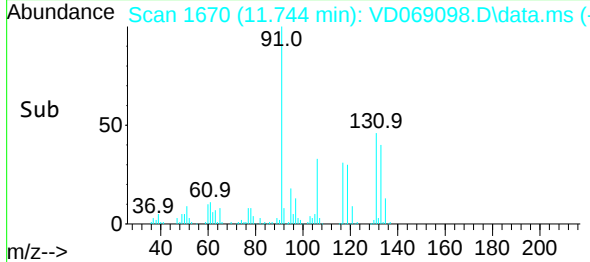
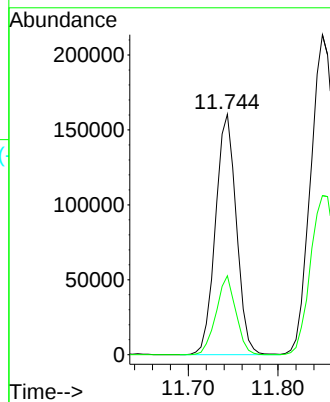
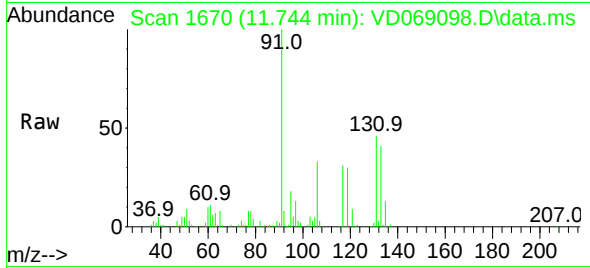




#67
Ethyl Benzene
Concen: 17.04 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

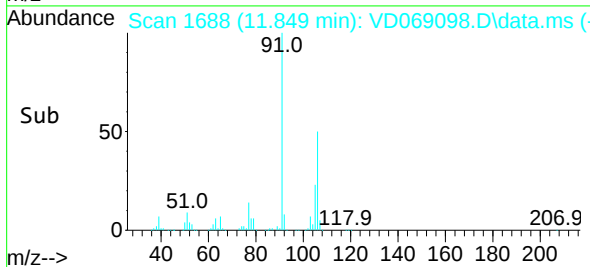
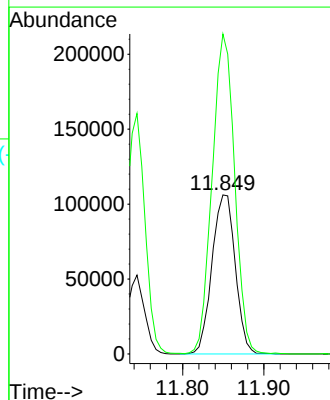
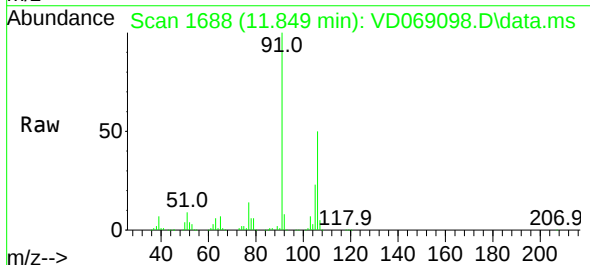
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

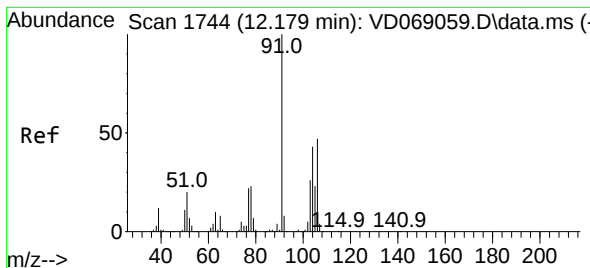
Tgt Ion: 91 Resp: 258925
Ion Ratio Lower Upper
91 100
106 32.8 25.5 38.3



#68
m/p-Xylenes
Concen: 36.95 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:106 Resp: 211090
Ion Ratio Lower Upper
106 100
91 194.9 164.6 246.8

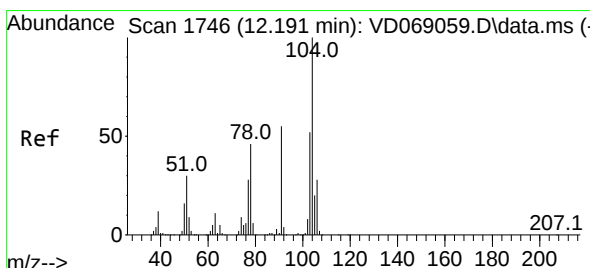
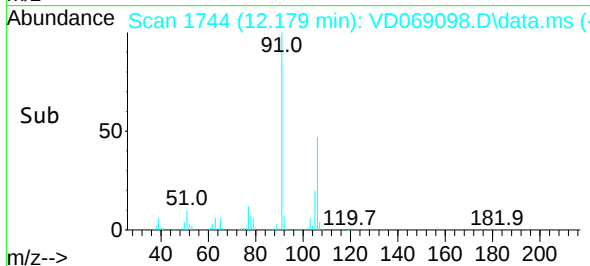
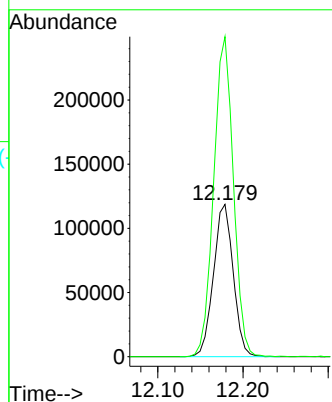
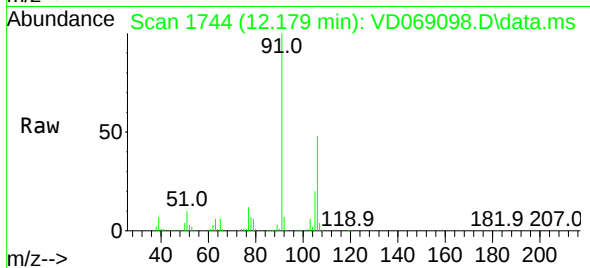




#69
o-Xylene
Concen: 37.30 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

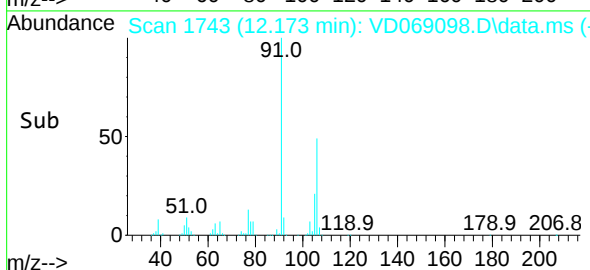
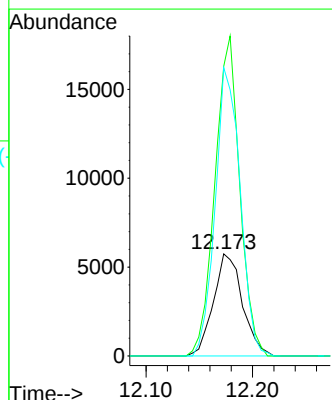
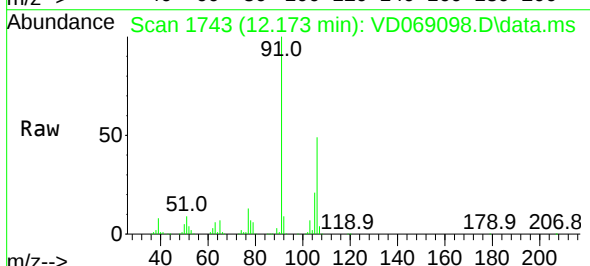
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

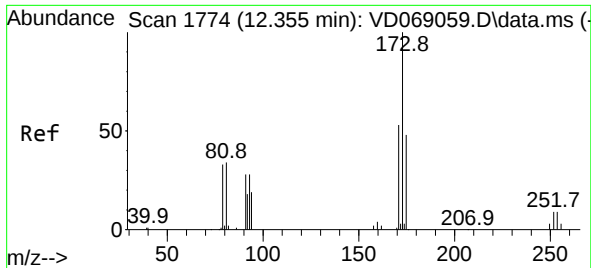
Tgt Ion:106 Resp: 191053
Ion Ratio Lower Upper
106 100
91 209.6 107.1 321.4



#70
Styrene
Concen: 1.20 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.018 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:104 Resp: 10863
Ion Ratio Lower Upper
104 100
78 267.1 39.9 59.9#
103 243.4 44.5 66.7#

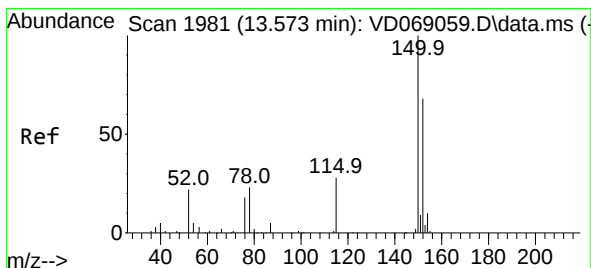
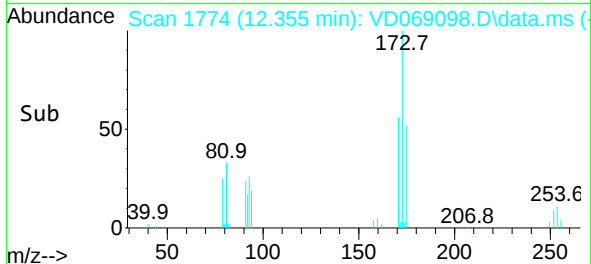
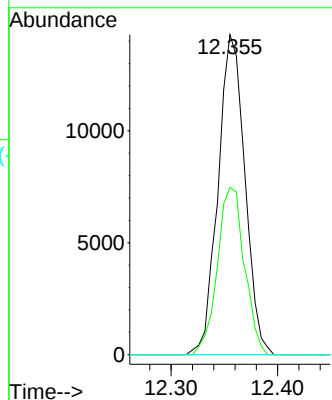
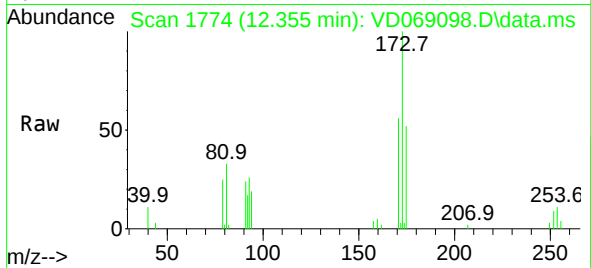




#71
Bromoform
Concen: 15.02 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

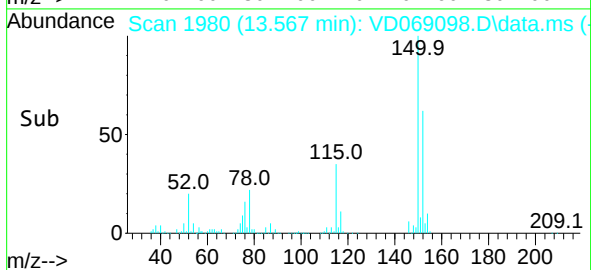
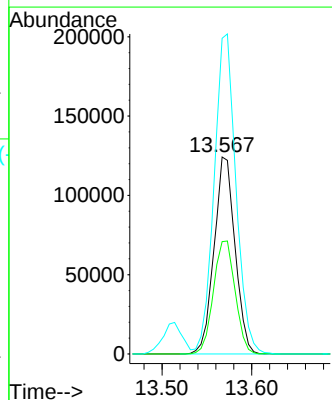
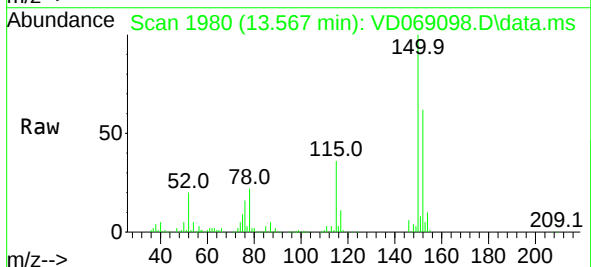
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

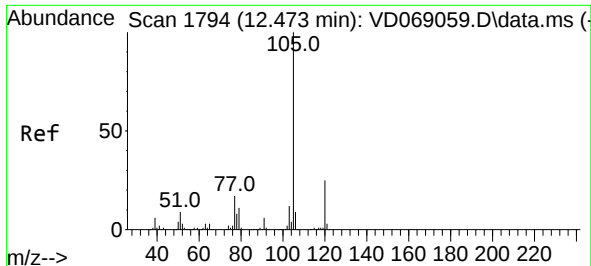
Tgt Ion:173 Resp: 24972
Ion Ratio Lower Upper
173 100
175 52.8 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:152 Resp: 201503
Ion Ratio Lower Upper
152 100
115 59.4 30.5 91.5
150 169.3 0.0 340.8

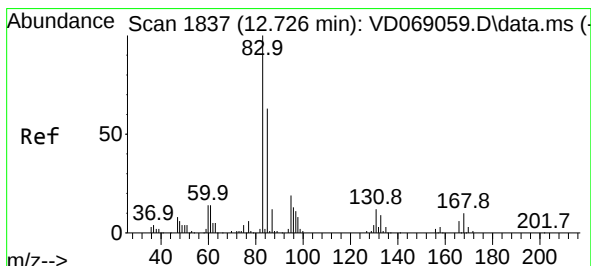
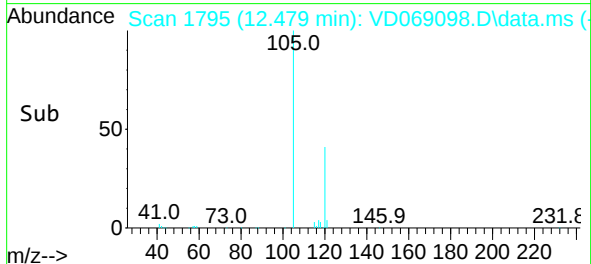
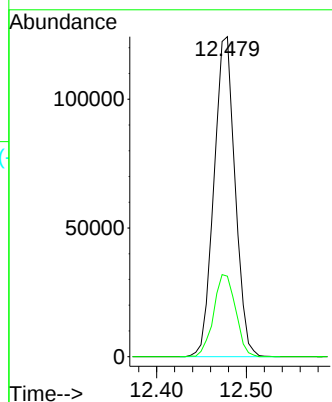
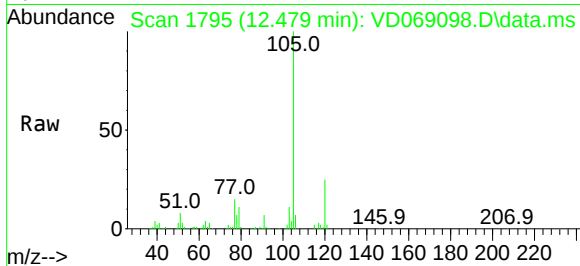




#73
Isopropylbenzene
Concen: 14.55 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

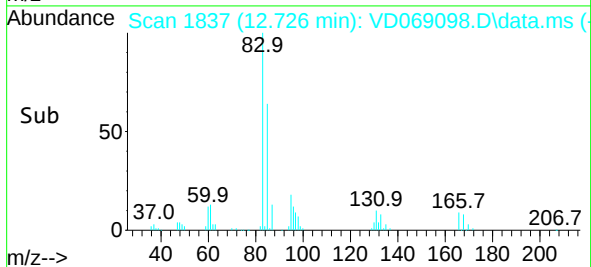
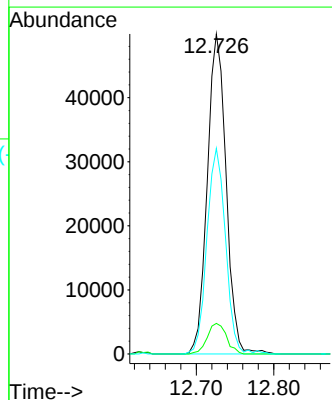
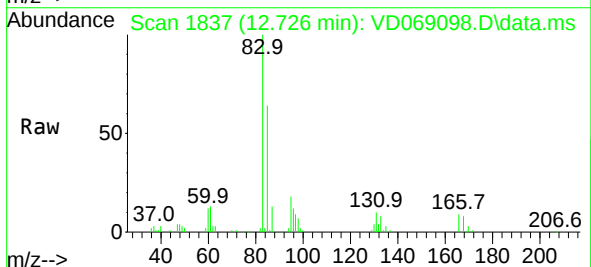
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

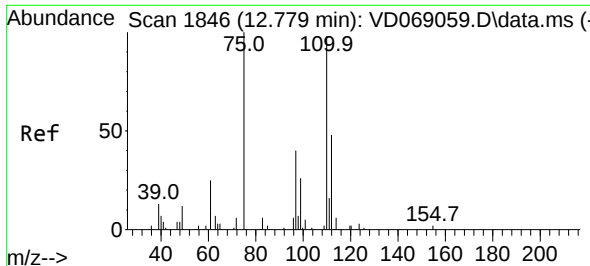
Tgt Ion:105 Resp: 202977
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#75
1,1,2,2-Tetrachloroethane
Concen: 30.80 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 83 Resp: 84205
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 63.7 30.9 92.8

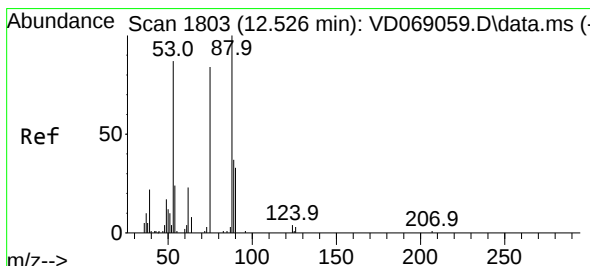
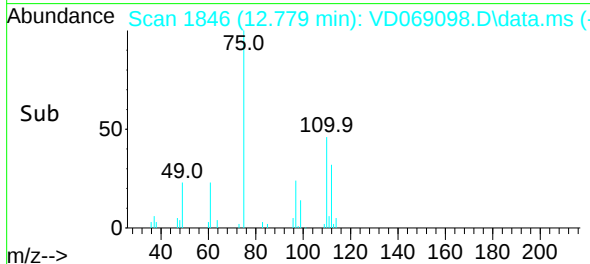
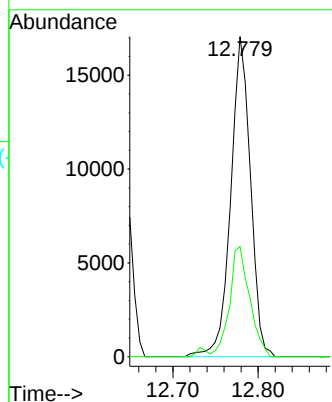
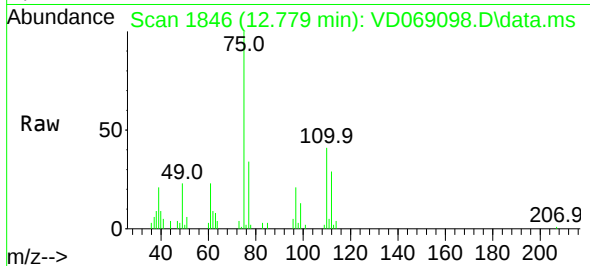




#76
1,2,3-Trichloropropane
Concen: 15.63 ug/l
RT: 12.779 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

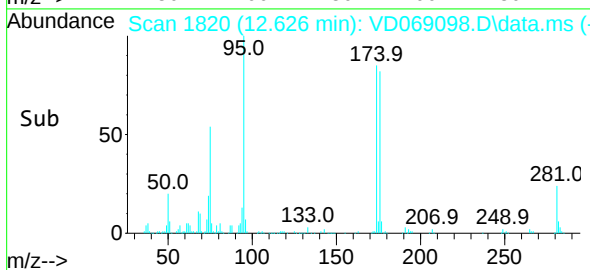
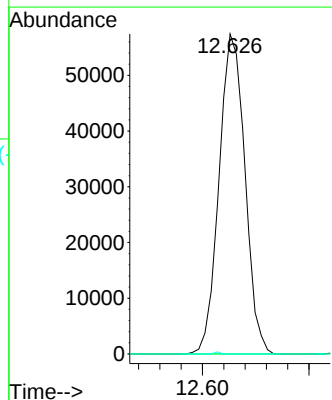
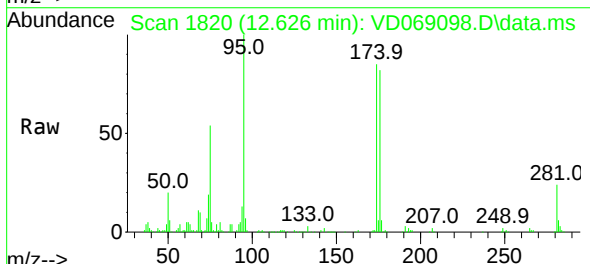
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

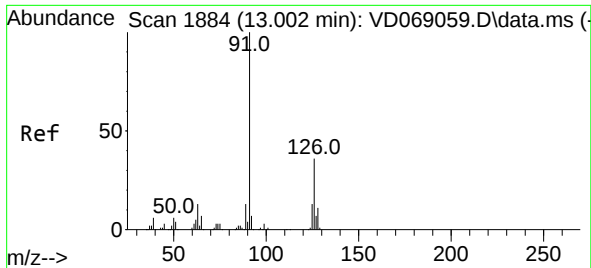
Tgt Ion: 75 Resp: 27413
Ion Ratio Lower Upper
75 100
77 35.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 75 Resp: 96714
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 37.8 56.8#

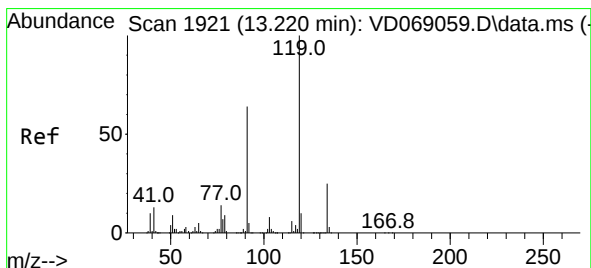
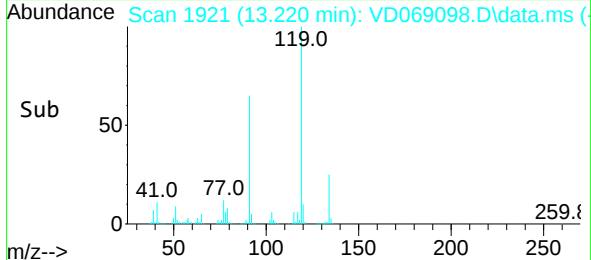
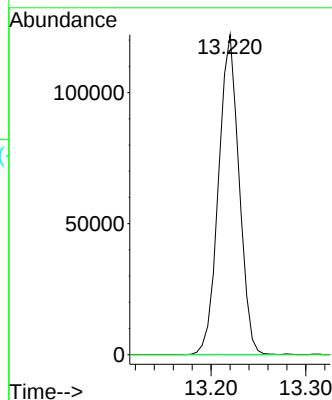
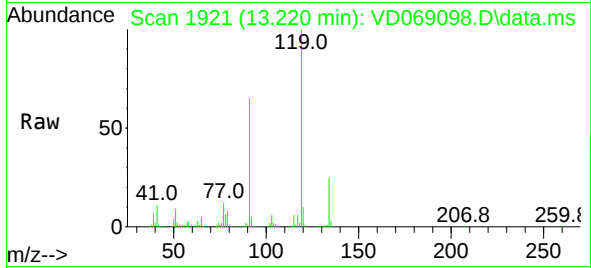




#82
4-Chlorotoluene
Concen: 17.98 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.218 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

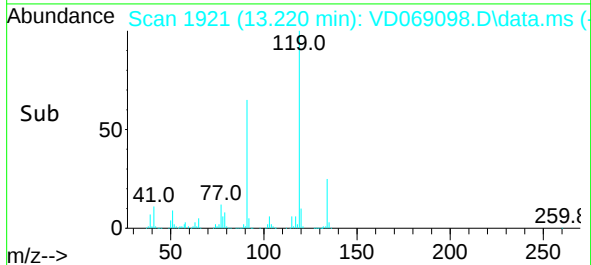
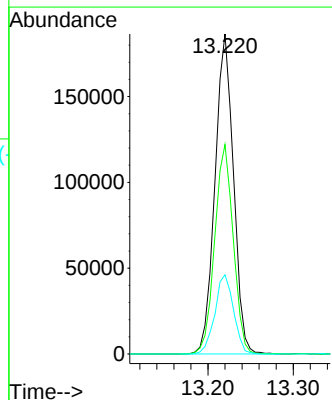
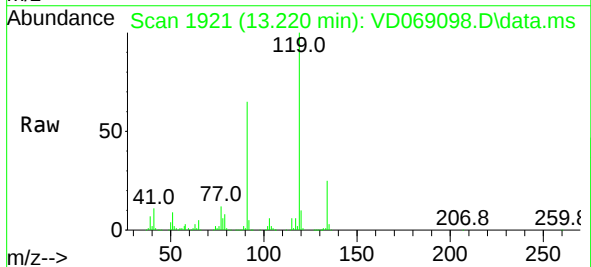
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

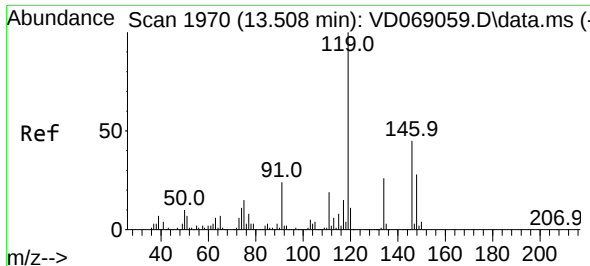
Tgt Ion: 91 Resp: 183949
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#83
tert-Butylbenzene
Concen: 29.06 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 119 Resp: 281203
Ion Ratio Lower Upper
119 100
91 65.4 32.8 98.3
134 25.0 12.6 37.8

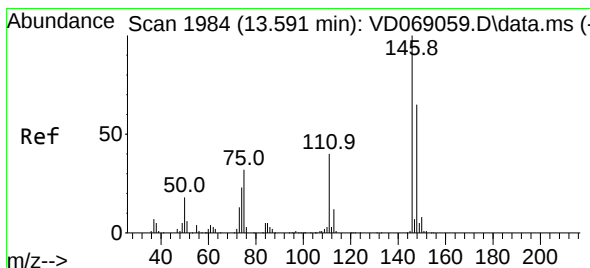
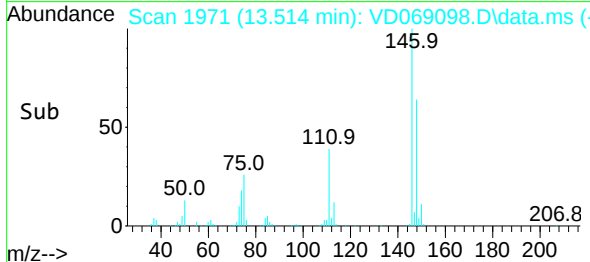
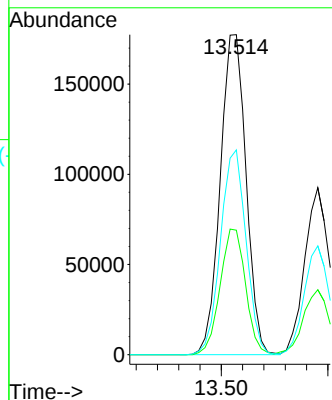
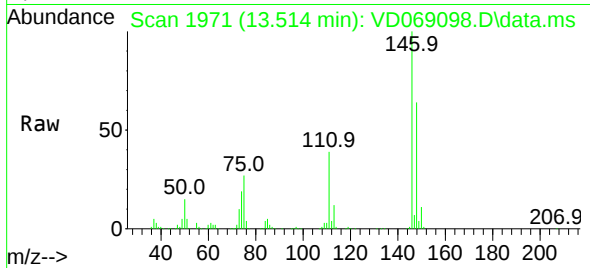




#87
1,3-Dichlorobenzene
Concen: 46.06 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

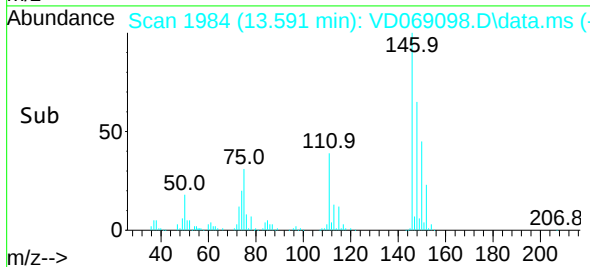
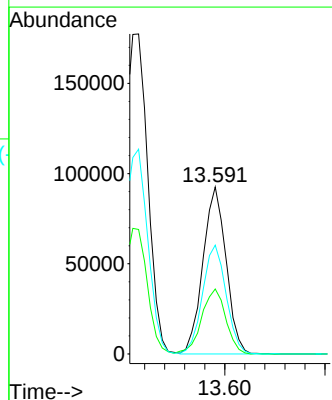
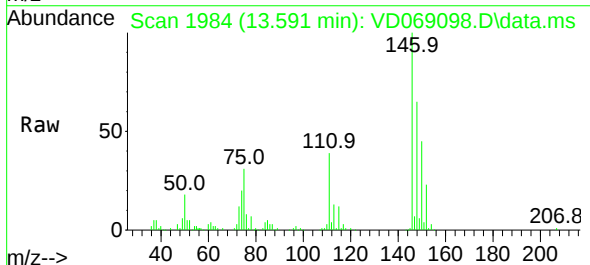
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

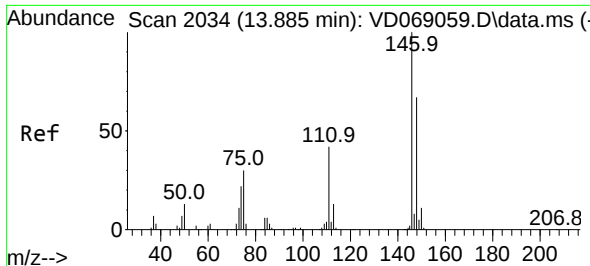
Tgt Ion:146 Resp: 298470
Ion Ratio Lower Upper
146 100
111 38.7 20.6 61.8
148 63.4 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 23.30 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:146 Resp: 148817
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 66.4 32.3 96.9

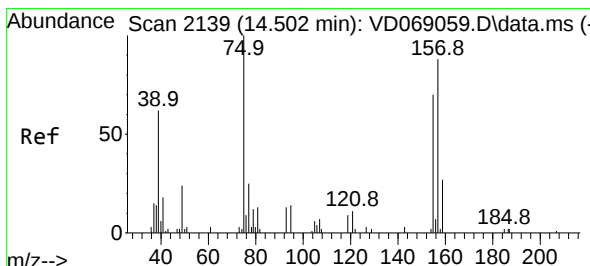
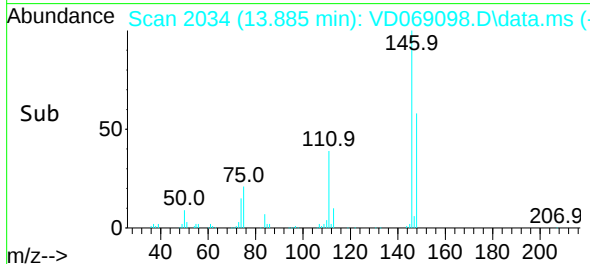
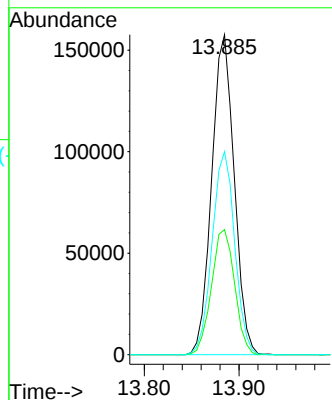
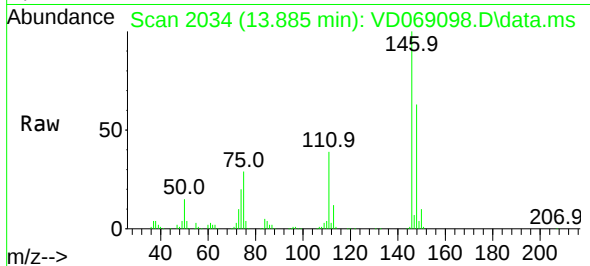




#91
1,2-Dichlorobenzene
Concen: 46.18 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

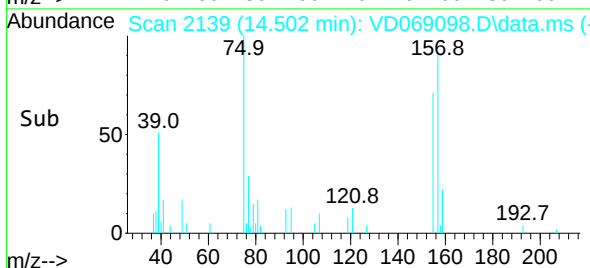
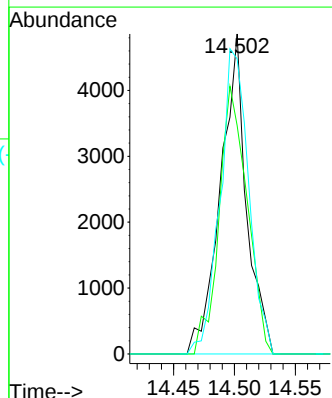
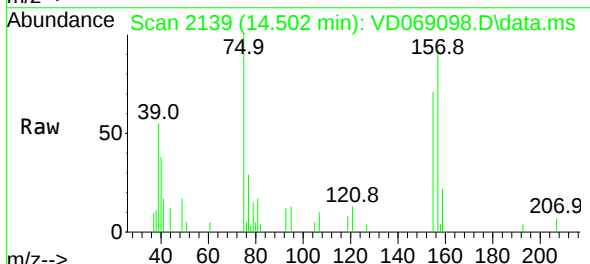
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

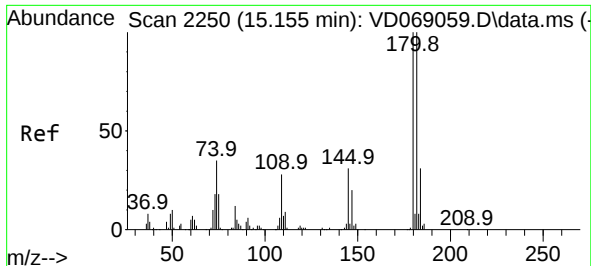
Tgt Ion:146 Resp: 260171
Ion Ratio Lower Upper
146 100
111 40.1 21.1 63.3
148 63.7 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.03 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion: 75 Resp: 7209
Ion Ratio Lower Upper
75 100
155 90.8 39.1 117.3
157 105.3 48.6 145.8

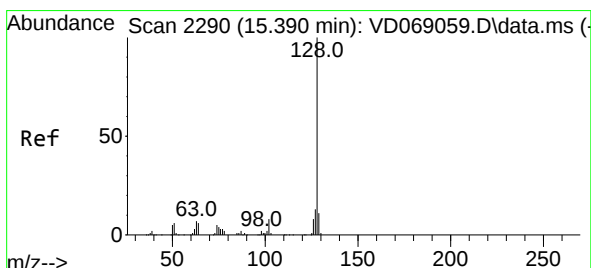
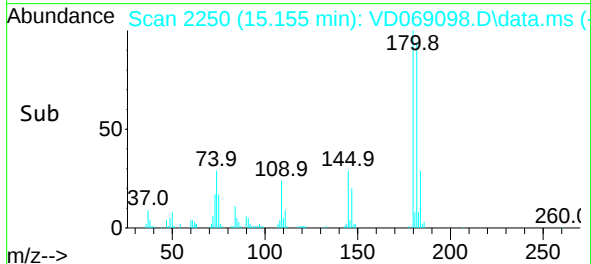
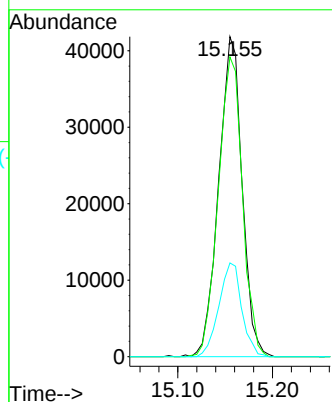
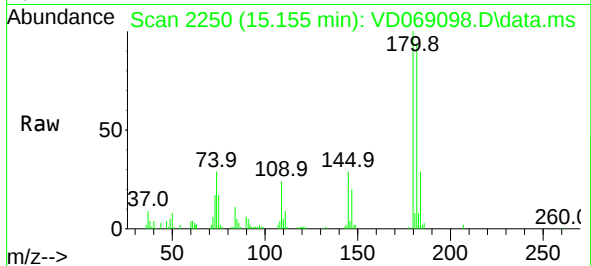




#93
1,2,4-Trichlorobenzene
Concen: 21.54 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

Tgt Ion:180 Resp: 71988
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.9
145 28.6 15.8 47.3



#95
Naphthalene
Concen: 2.97 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069098.D
Acq: 07 May 2021 12:58

Tgt Ion:128 Resp: 994
Ion Ratio Lower Upper
128 100
127 18.1 10.7 16.1#
129 0.0 8.5 12.7#

