

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069097.D
 Acq On : 07 May 2021 12:19
 Operator : VA/SY
 Sample : M2214-22
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: May 08 00:06:04 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	245130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	428333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	429778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142279	45.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.08%
35) Dibromofluoromethane	7.914	113	155197	52.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.68%
50) Toluene-d8	10.338	98	543496	50.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.24%
62) 4-Bromofluorobenzene	12.626	95	184938	51.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.70%

Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	621	3.39	ug/l #	44
11) Tert butyl alcohol	5.173	59	6120	Below	Cal #	81
16) Acetone	4.156	43	317373	766.56	ug/l	93
20) Methylene Chloride	4.968	84	29388	3.14	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	176367	57.78	ug/l	88
24) 1,1-Dichloroethane	6.262	63	450907	86.41	ug/l	99
25) 2-Butanone	7.215	43	125274	185.48	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	785433	161.13	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	517654	157.14	ug/l	95
28) Bromochloromethane	7.544	49	236416	112.22	ug/l	85
30) Chloroform	7.709	83	508752	87.16	ug/l	98
31) Cyclohexane	7.979	56	5767	1.26	ug/l #	1
37) Ethyl Acetate	7.215	43	125274	73.73	ug/l #	1
38) Carbon Tetrachloride	8.097	117	484395	99.11	ug/l	98
42) 1,2-Dichloroethane	8.420	62	551855	141.58	ug/l	96
44) Trichloroethene	9.109	130	351593	106.06	ug/l	99
47) Bromodichloromethane	9.661	83	382064	82.34	ug/l	98
49) 1,4-Dioxane	9.667	88	451	22.10	ug/l #	24
52) Toluene	10.403	92	1327389	167.73	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	264173	65.52	ug/l	94
54) cis-1,3-Dichloropropene	10.091	75	200940	42.15	ug/l #	90
56) Ethyl methacrylate	10.803	69	88	2.40	ug/l #	26
59) 2-Hexanone	10.985	43	184216	167.37	ug/l	94
60) Dibromochloromethane	11.138	129	427920	137.23	ug/l	99
61) 1,2-Dibromoethane	11.244	107	282399	124.15	ug/l	99
64) Tetrachloroethene	10.873	164	323142	116.66	ug/l	97
65) Chlorobenzene	11.667	112	533336	60.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	535287	161.26	ug/l	99
67) Ethyl Benzene	11.744	91	1118133	71.90	ug/l	98
68) m/p-Xylenes	11.850	106	877485	150.06	ug/l	95
69) o-Xylene	12.179	106	833286	158.96	ug/l	96
70) Styrene	12.173	104	44848	4.84	ug/l #	1
71) Bromoform	12.355	173	105663	62.11	ug/l #	97
73) Isopropylbenzene	12.479	105	893698	58.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	338133	112.56	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	112050	58.14	ug/l #	100

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

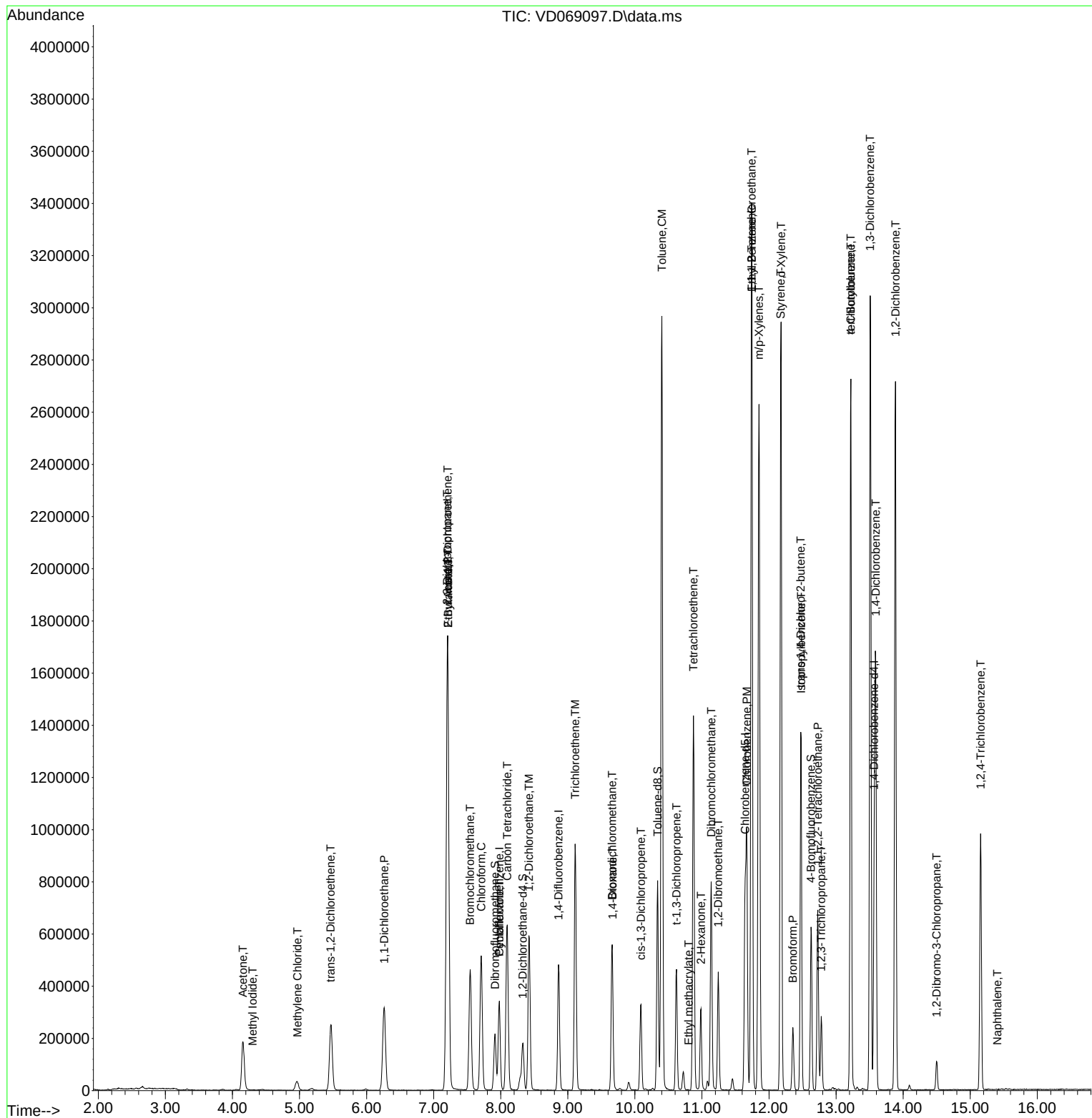
81) trans-1,4-Dichloro-2-b...	12.473	75	11537	13.03	ug/l #	65
82) 4-Chlorotoluene	13.220	91	827835	73.66	ug/l #	40
83) tert-Butylbenzene	13.220	119	1285163	120.89	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1260123	177.01	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	628054	89.51	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	1116013	180.29	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	28205	57.08	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	319938	87.13	ug/l	99
95) Naphthalene	15.402	128	1602	3.03	ug/l #	83

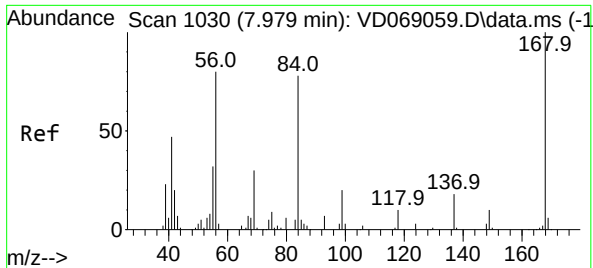
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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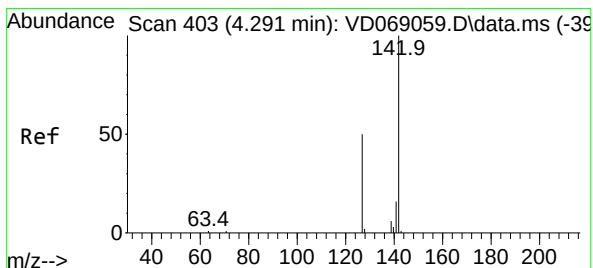
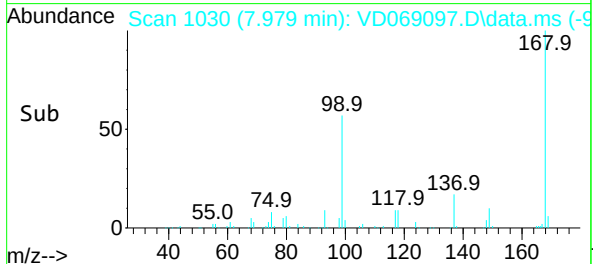
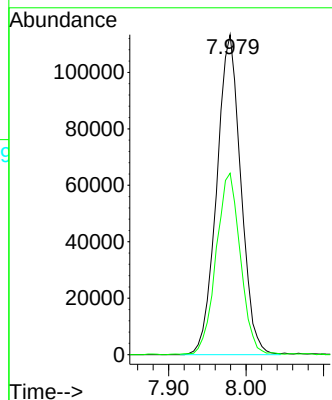
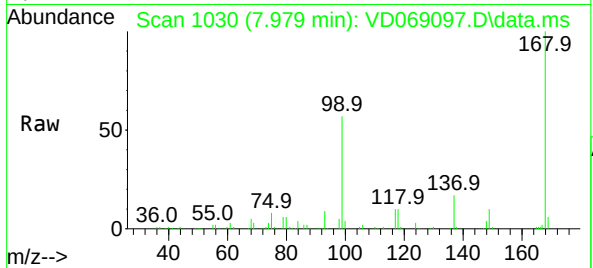




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

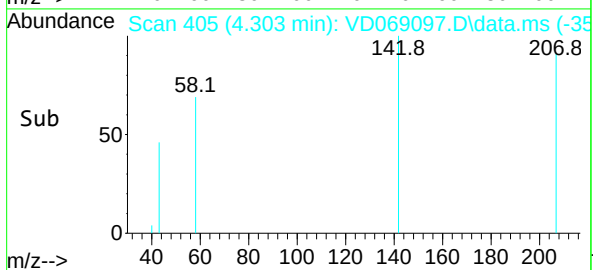
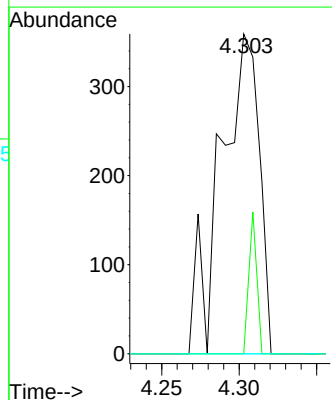
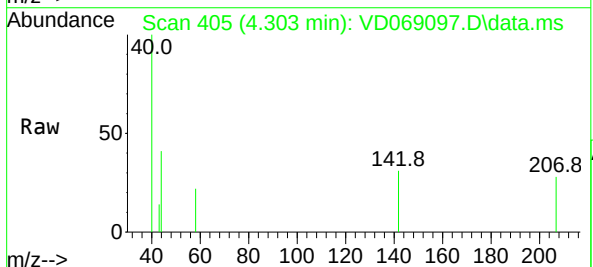
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

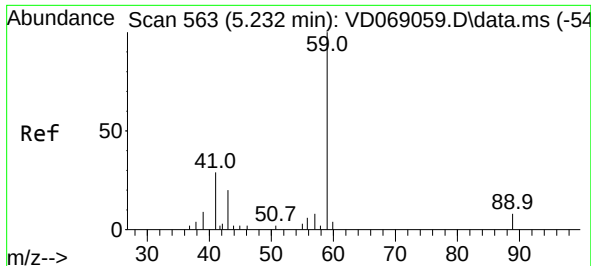
Tgt Ion:168 Resp: 245130
Ion Ratio Lower Upper
168 100
99 56.6 52.6 78.8



#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:142 Resp: 621
Ion Ratio Lower Upper
142 100
127 9.0 41.6 62.4#
141 0.0 12.2 18.4#



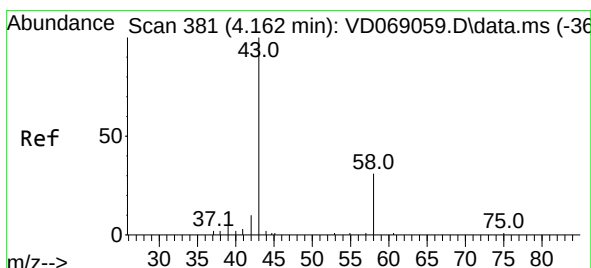
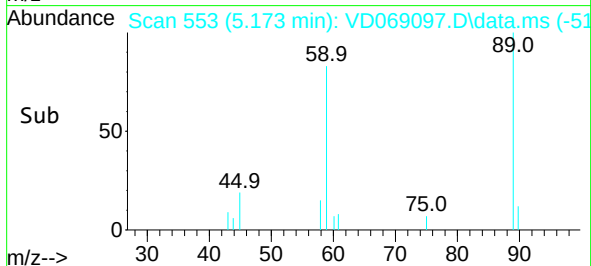
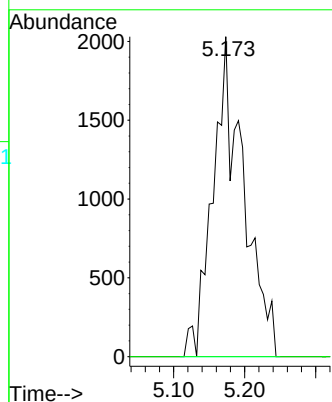
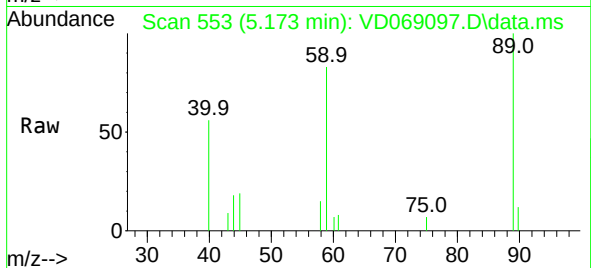


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.059 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

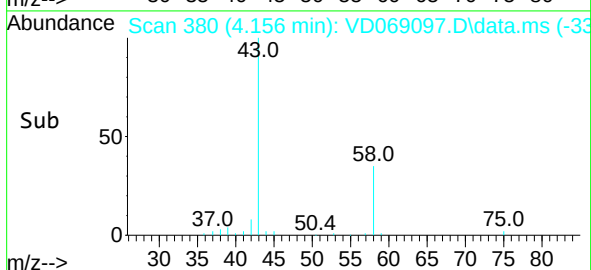
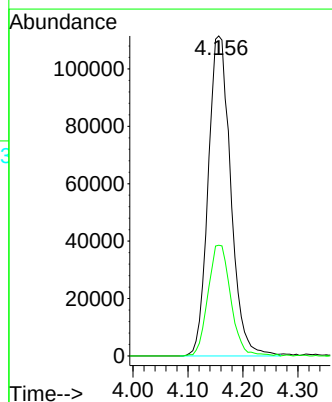
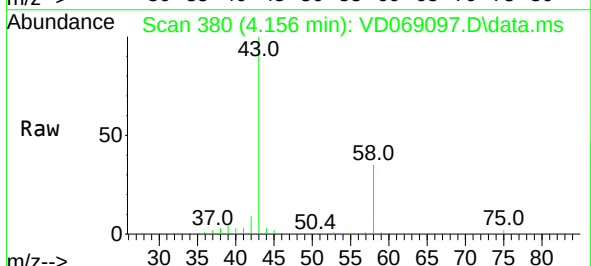
Tgt Ion: 59 Resp: 6120
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

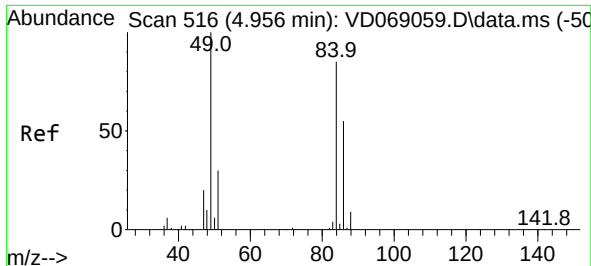


#16

Acetone
Concen: 766.56 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 43 Resp: 317373
Ion Ratio Lower Upper
43 100
58 34.6 24.5 36.7





#20

Methylene Chloride

Concen: 3.14 ug/l

RT: 4.968 min Scan# 518

Delta R.T. 0.012 min

Lab File: VD069097.D

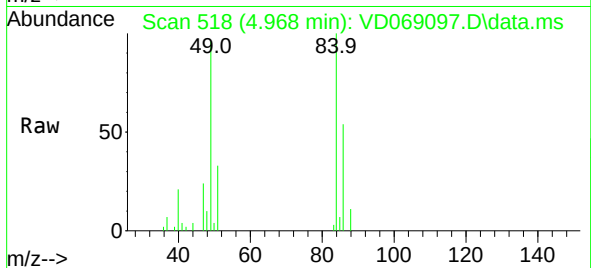
Acq: 07 May 2021 12:19

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL



Tgt Ion: 84 Resp: 29388

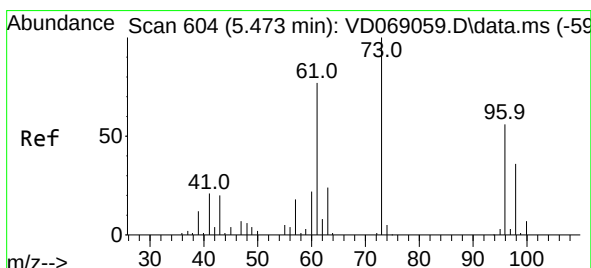
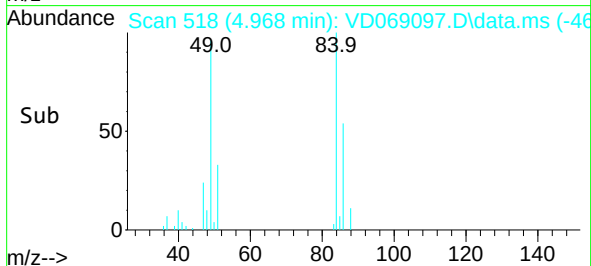
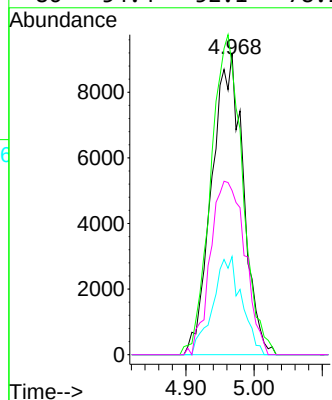
Ion Ratio Lower Upper

84 100

49 95.8 93.9 140.9

51 32.6 27.9 41.9

86 54.4 52.1 78.1



#21

trans-1,2-Dichloroethene

Concen: 57.78 ug/l

RT: 5.462 min Scan# 602

Delta R.T. -0.012 min

Lab File: VD069097.D

Acq: 07 May 2021 12:19

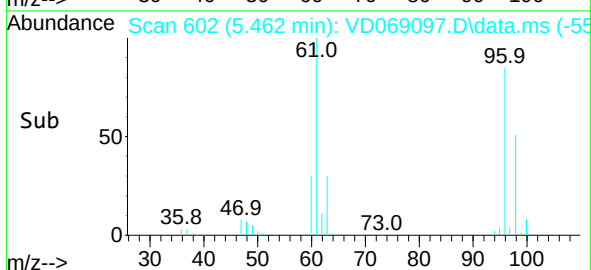
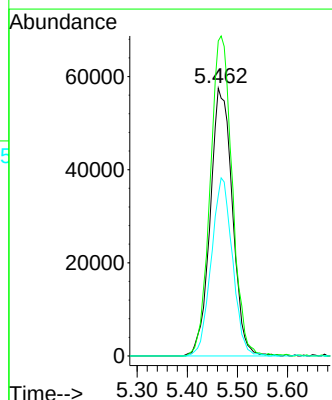
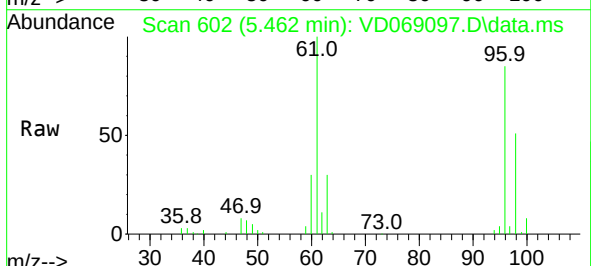
Tgt Ion: 96 Resp: 176367

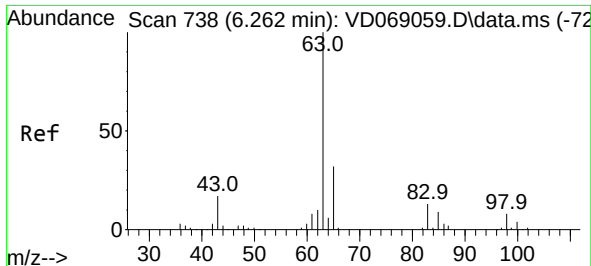
Ion Ratio Lower Upper

96 100

61 117.6 109.0 163.4

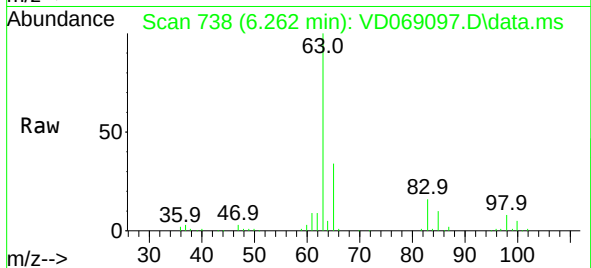
98 59.9 51.2 76.8



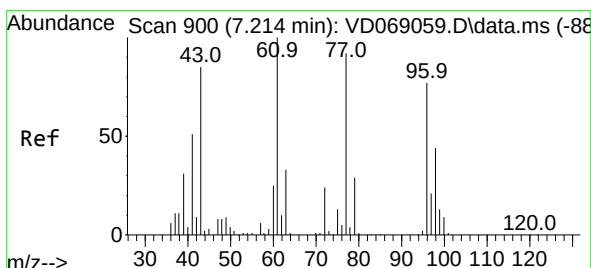
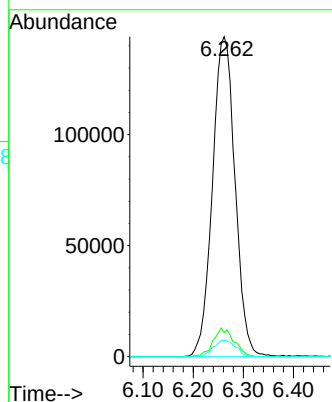
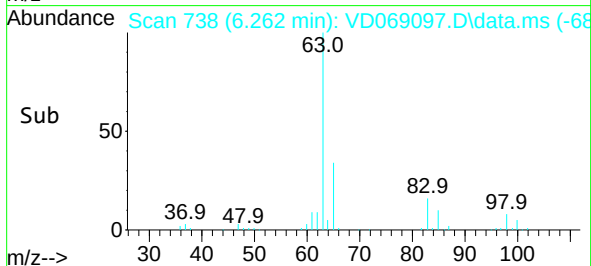


#24
1,1-Dichloroethane
Concen: 86.41 ug/l
RT: 6.262 min Scan# 738
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

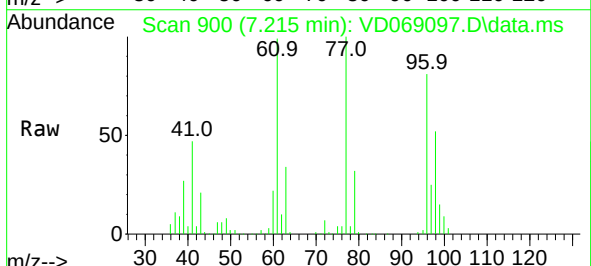
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL



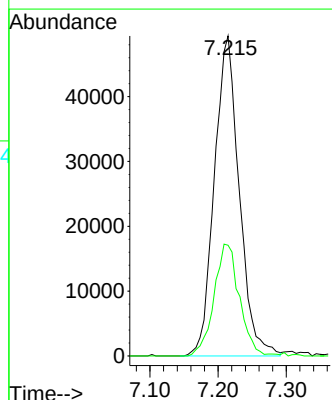
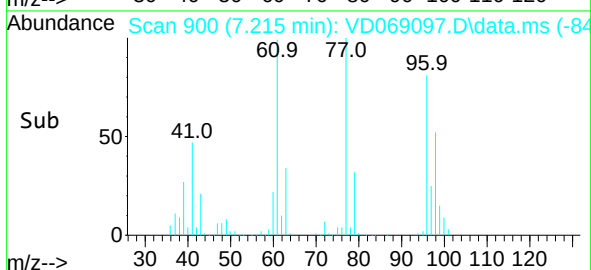
Tgt Ion: 63 Resp: 450907
Ion Ratio Lower Upper
63 100
98 7.6 3.9 11.7
100 5.1 2.1 6.5

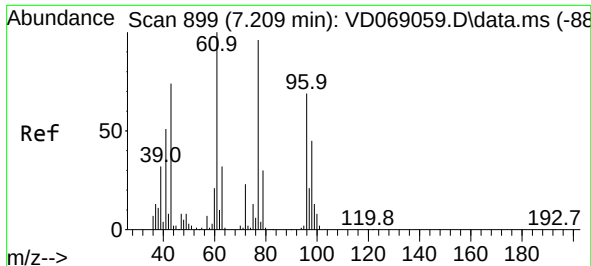


#25
2-Butanone
Concen: 185.48 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19



Tgt Ion: 43 Resp: 125274
Ion Ratio Lower Upper
43 100
72 34.6 23.0 34.4#

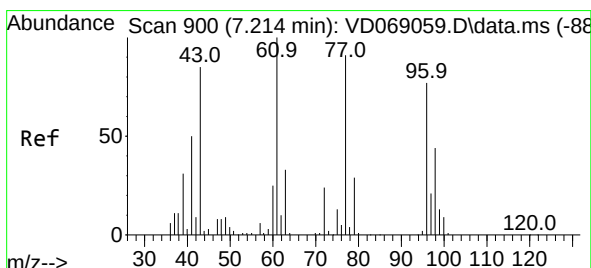
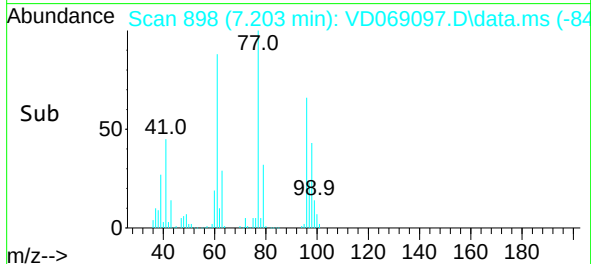
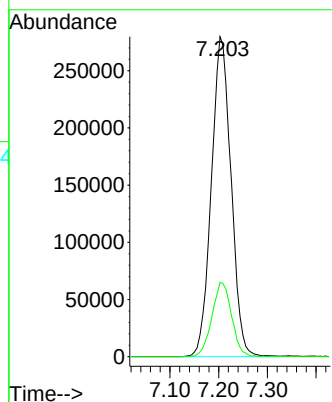
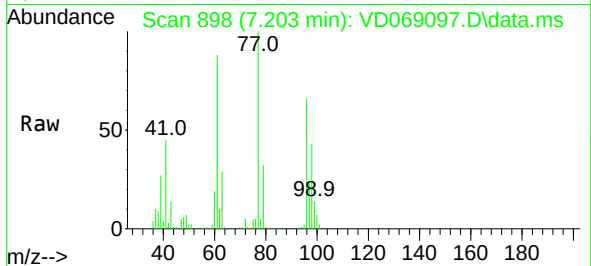




#26
2,2-Dichloropropane
Concen: 161.13 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

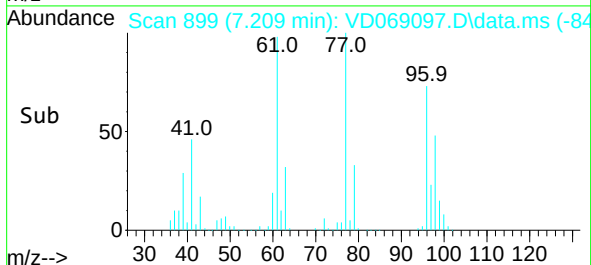
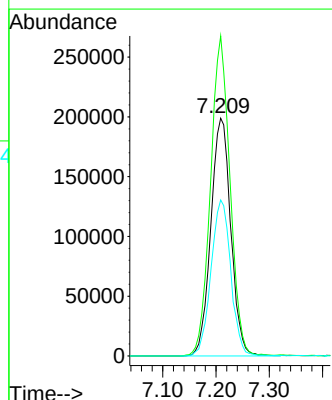
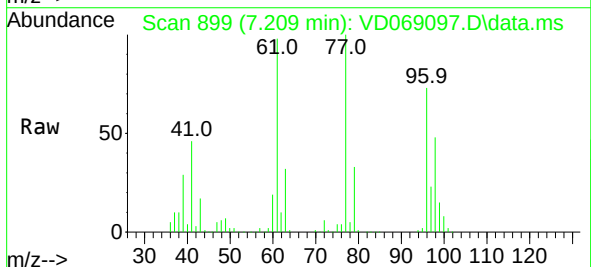
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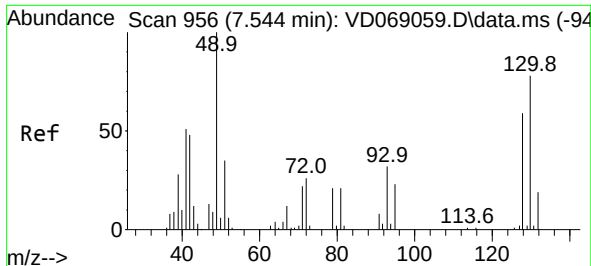
Tgt Ion: 77 Resp: 785433
Ion Ratio Lower Upper
77 100
97 23.2 11.1 33.1



#27
cis-1,2-Dichloroethene
Concen: 157.14 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 96 Resp: 517654
Ion Ratio Lower Upper
96 100
61 131.5 0.0 278.0
98 64.9 0.0 126.0

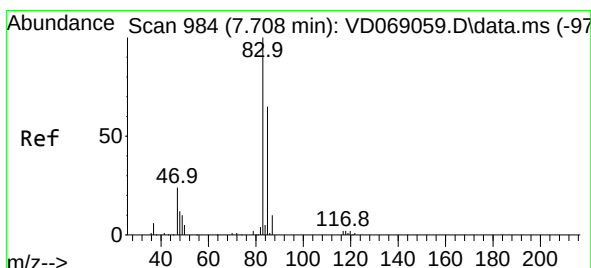
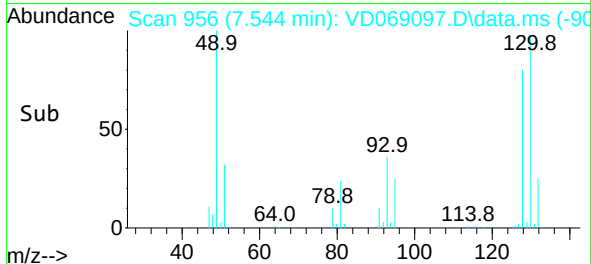
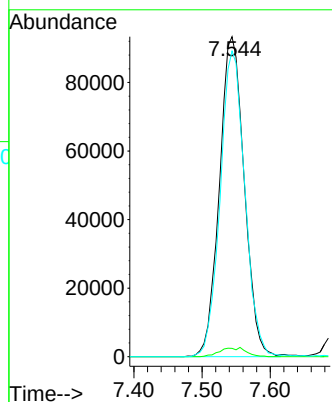
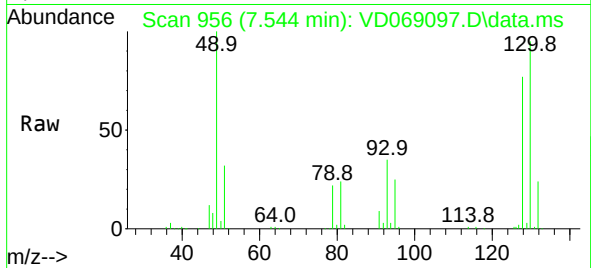




#28
Bromochloromethane
Concen: 112.22 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

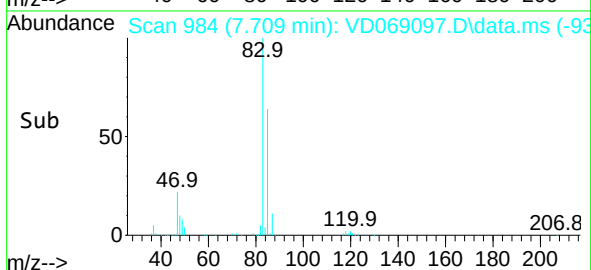
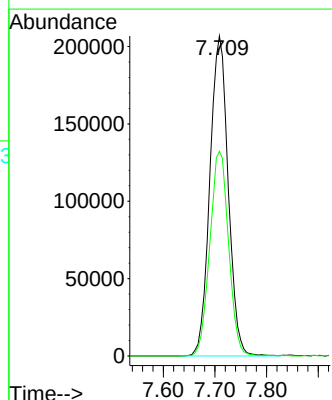
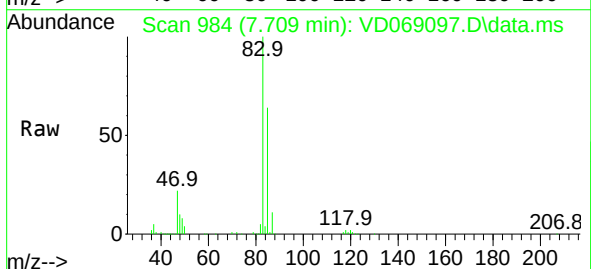
Instrument :
MSVOA_D
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PT-VOA-SOIL

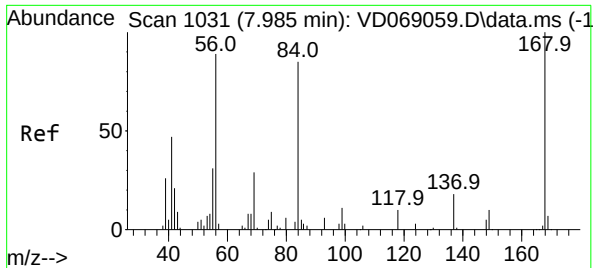
Tgt Ion: 49 Resp: 236416
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.2
130 95.1 64.9 97.3



#30
Chloroform
Concen: 87.16 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 83 Resp: 508752
Ion Ratio Lower Upper
83 100
85 64.0 52.4 78.6

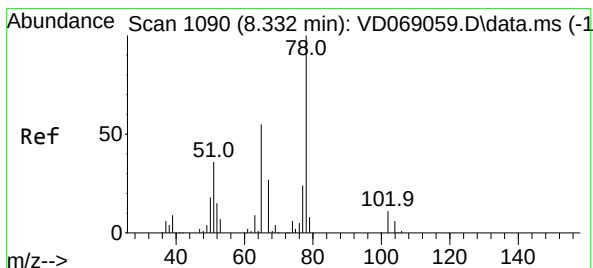
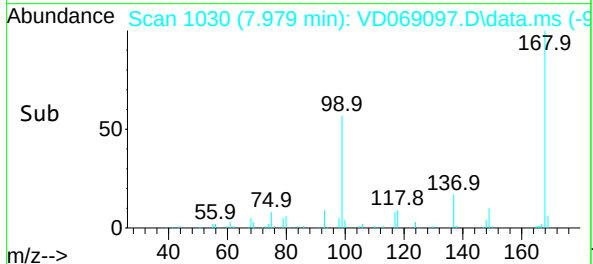
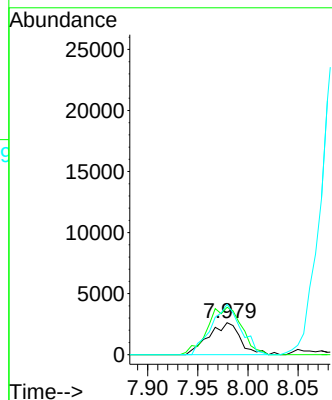
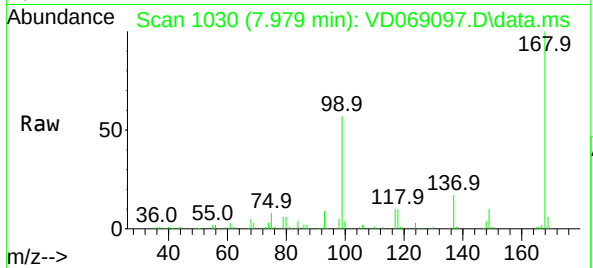




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

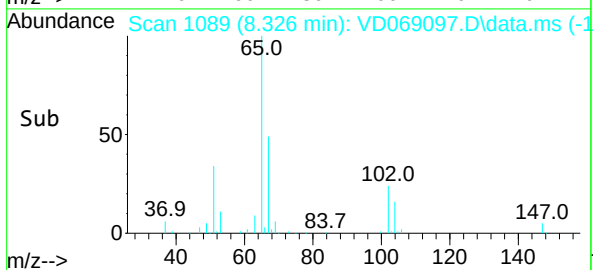
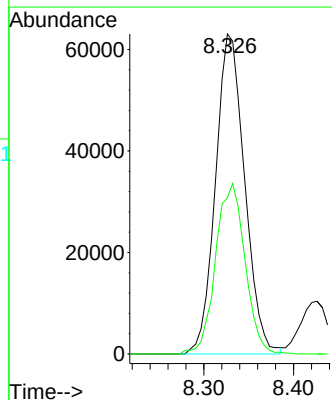
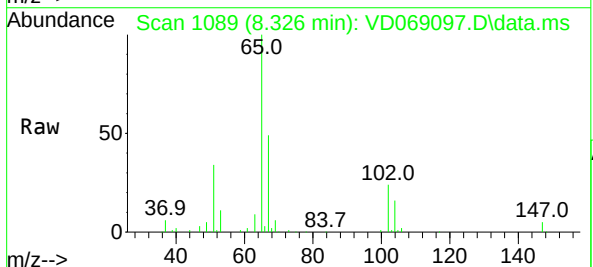
Instrument :
MSVOA_D
ClientSampled :
PT-VOA-SOIL

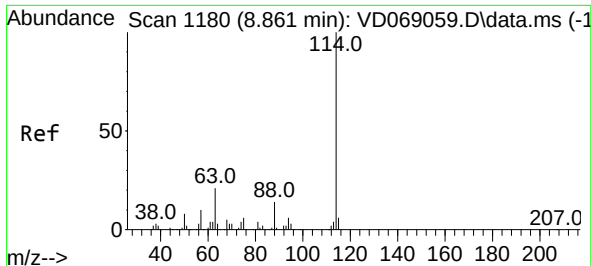
Tgt Ion: 56 Resp: 5767
Ion Ratio Lower Upper
56 100
69 147.8 26.3 39.5#
84 156.8 75.9 113.9#



#33
1,2-Dichloroethane-d4
Concen: 45.04 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

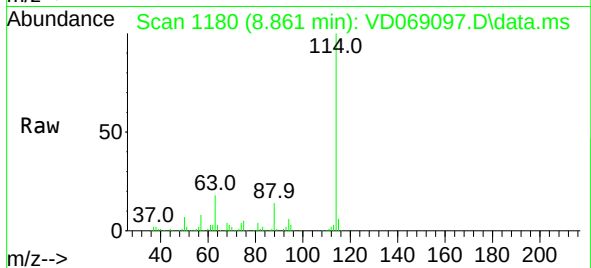
Tgt Ion: 65 Resp: 142279
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.4



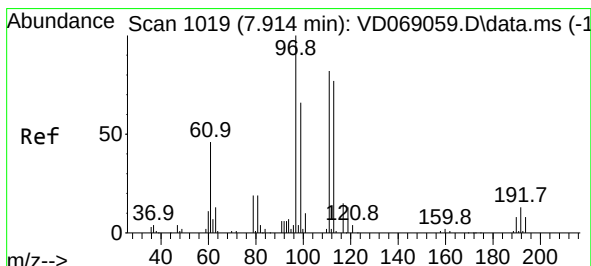
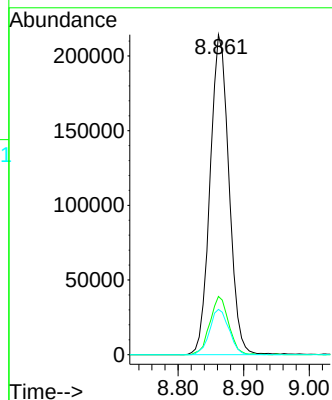
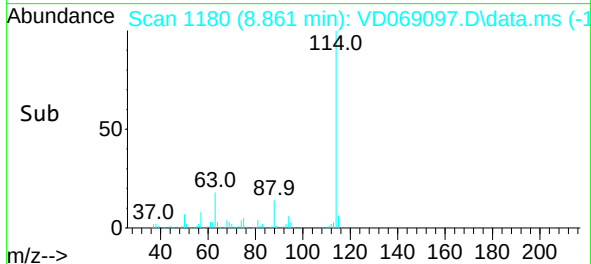


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

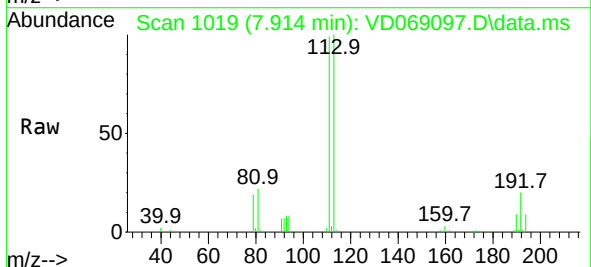
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL



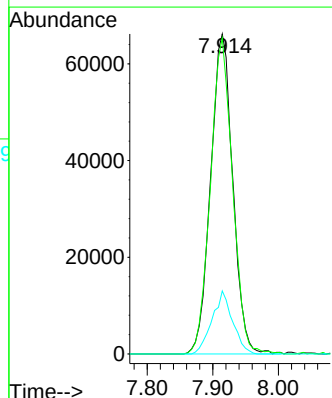
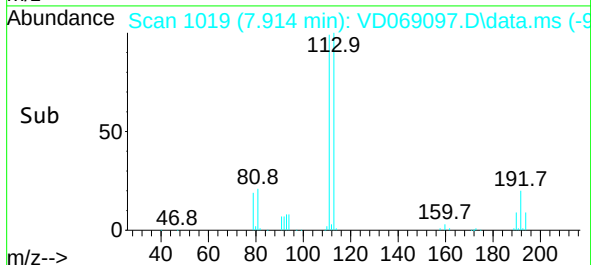
Tgt Ion:114 Resp: 428333
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.4
88 14.1 0.0 27.8

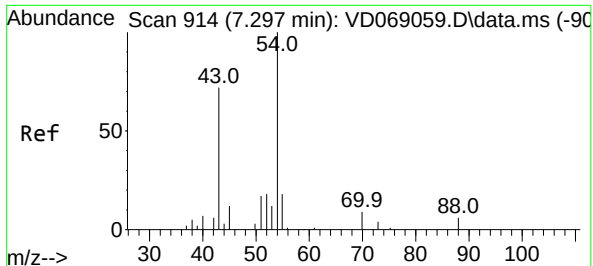


#35
Dibromofluoromethane
Concen: 52.84 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19



Tgt Ion:113 Resp: 155197
Ion Ratio Lower Upper
113 100
111 98.5 84.6 126.8
192 18.3 13.5 20.3





#37

Ethyl Acetate

Concen: 73.73 ug/l

RT: 7.215 min Scan# 900

Delta R.T. -0.082 min

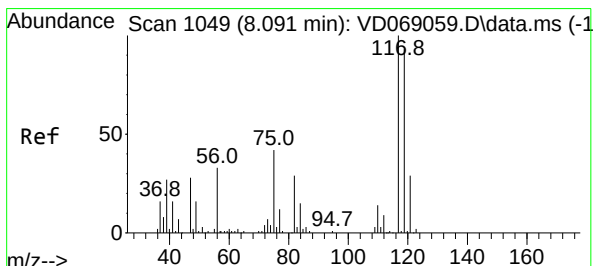
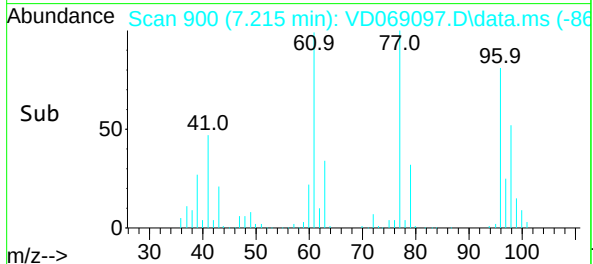
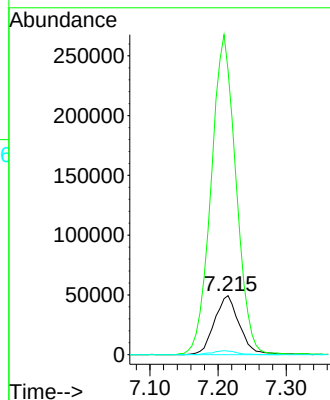
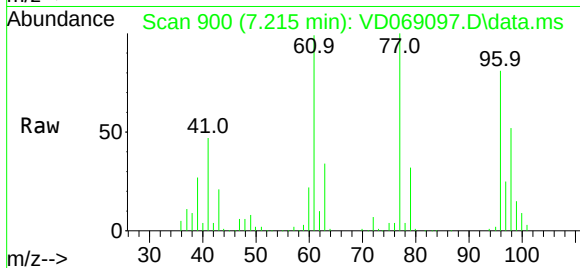
Lab File: VD069097.D

Acq: 07 May 2021 12:19

Instrument :
MSVOA_D
ClientSampled :
PT-VOA-SOIL

Tgt Ion: 43 Resp: 125274

Ion	Ratio	Lower	Upper
43	100		
61	543.2	11.0	16.4#
70	6.7	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 99.11 ug/l

RT: 8.097 min Scan# 1050

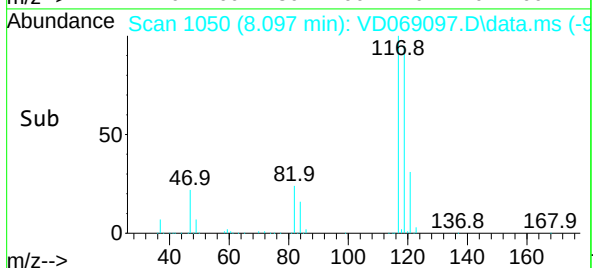
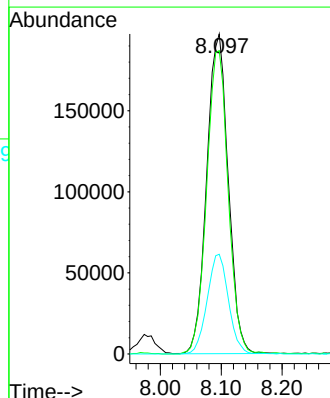
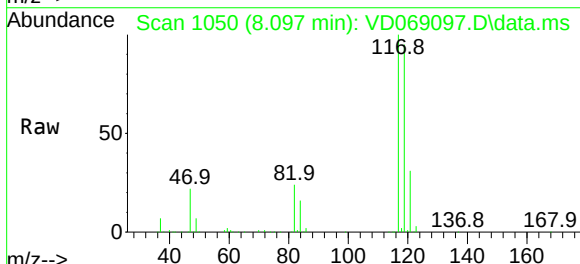
Delta R.T. 0.006 min

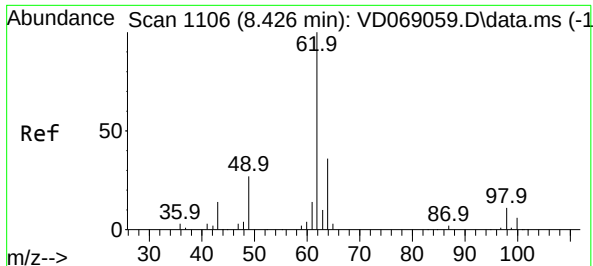
Lab File: VD069097.D

Acq: 07 May 2021 12:19

Tgt Ion: 117 Resp: 484395

Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.7	112.1
121	31.2	23.1	34.7





#42

1,2-Dichloroethane

Concen: 141.58 ug/l

RT: 8.420 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VD069097.D

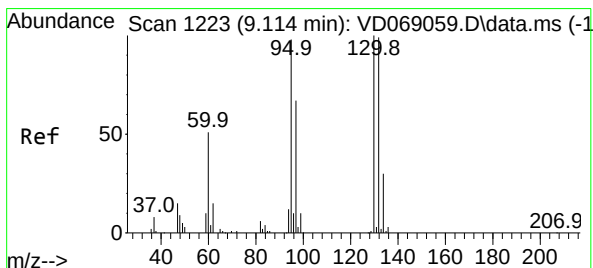
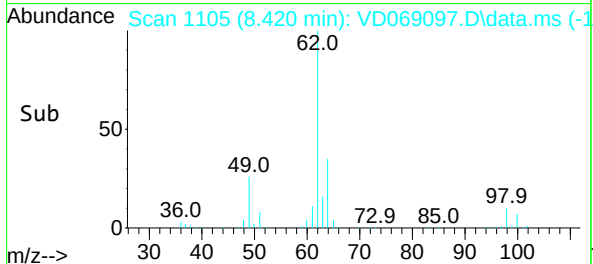
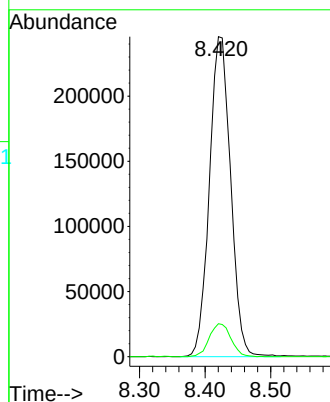
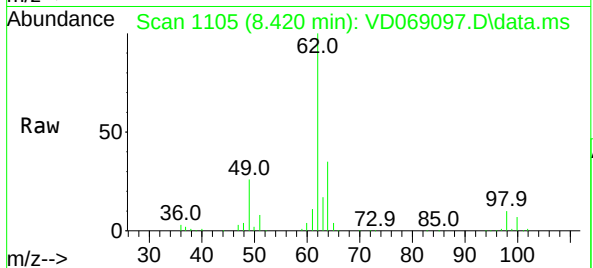
Acq: 07 May 2021 12:19

Tgt Ion: 62 Resp: 551855

Ion Ratio Lower Upper

62 100

98 10.5 0.0 18.2



#44

Trichloroethene

Concen: 106.06 ug/l

RT: 9.109 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD069097.D

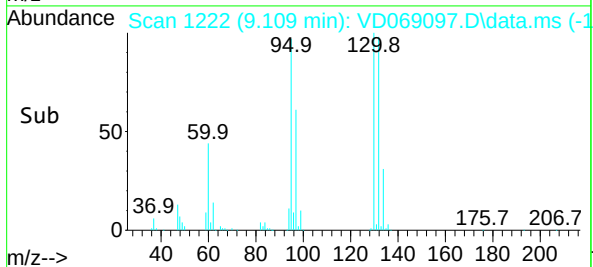
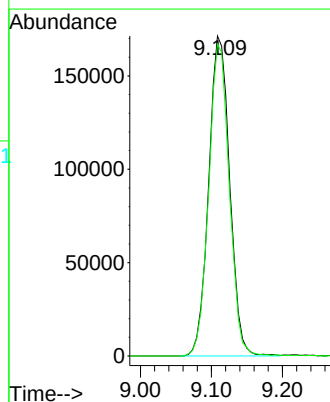
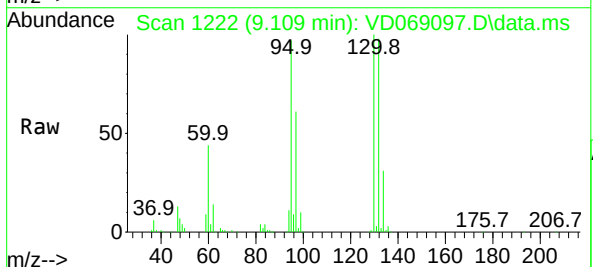
Acq: 07 May 2021 12:19

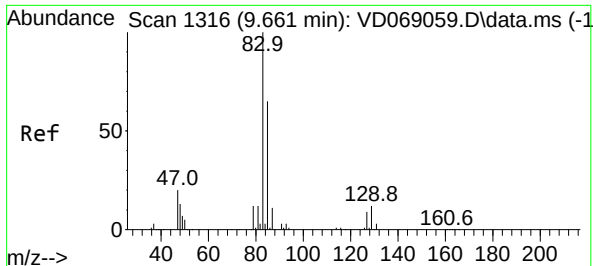
Tgt Ion: 130 Resp: 351593

Ion Ratio Lower Upper

130 100

95 97.5 0.0 196.2

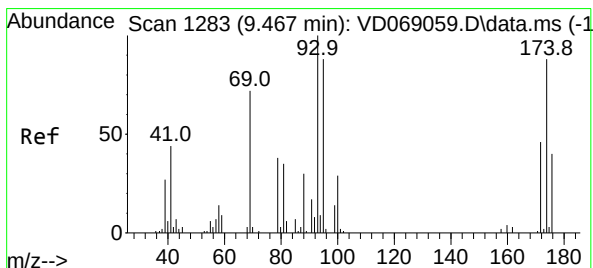
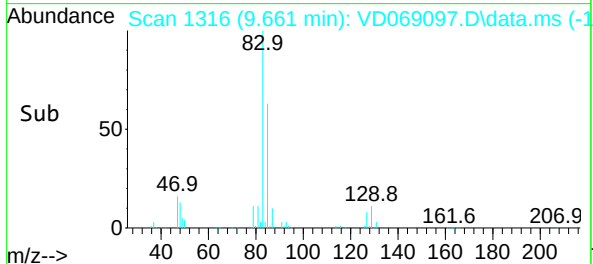
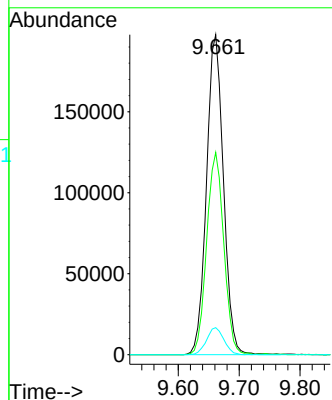
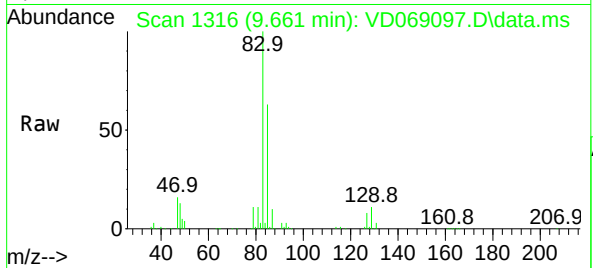




#47
Bromodichloromethane
Concen: 82.34 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

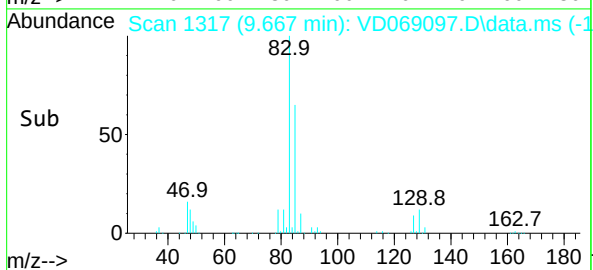
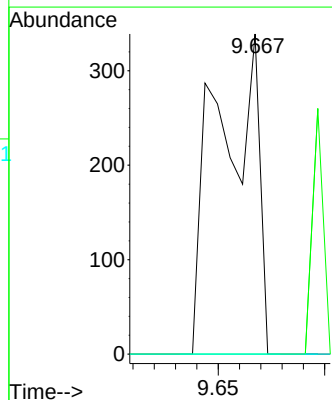
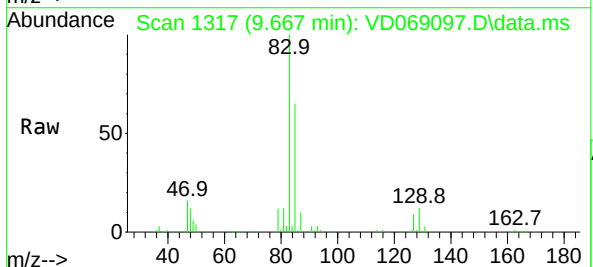
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

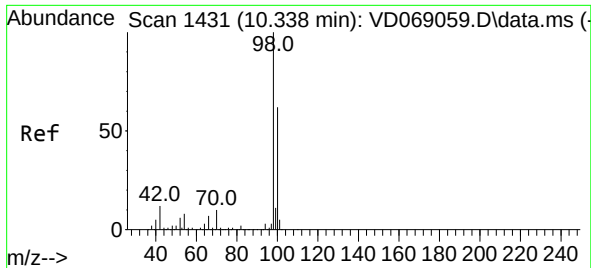
Tgt Ion: 83 Resp: 382064
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1
127 8.4 7.0 10.4



#49
1,4-Dioxane
Concen: 22.10 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.200 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 88 Resp: 451
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 0.0 52.4 78.6#

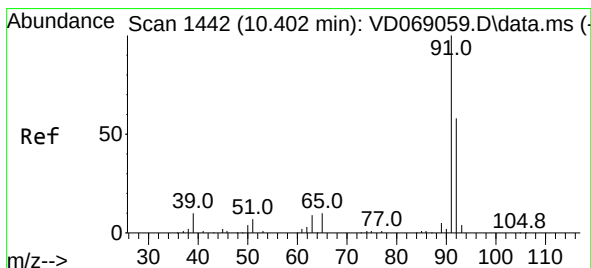
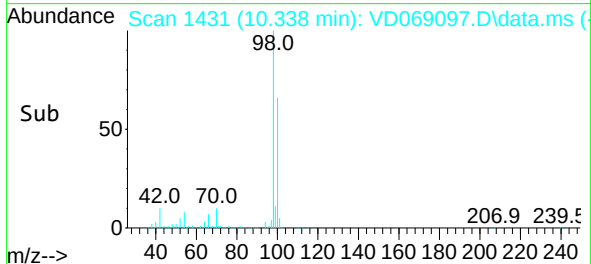
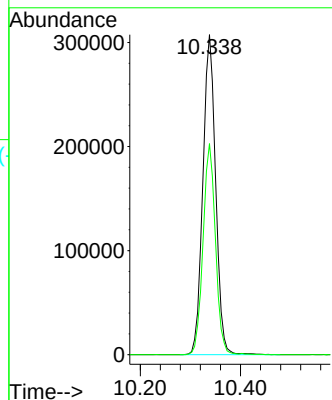
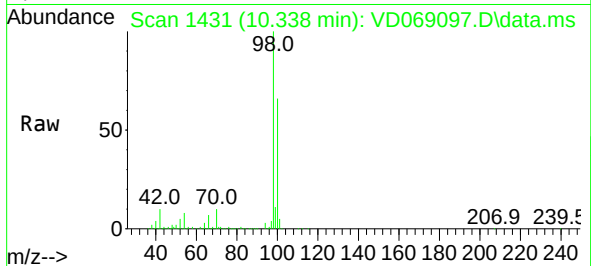




#50
Toluene-d8
Concen: 50.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

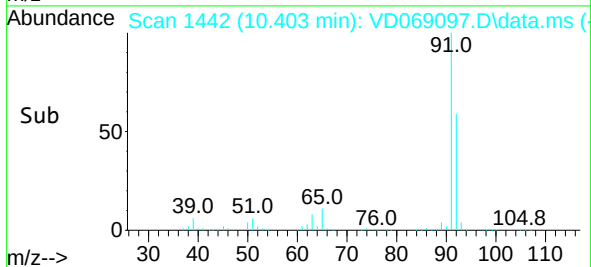
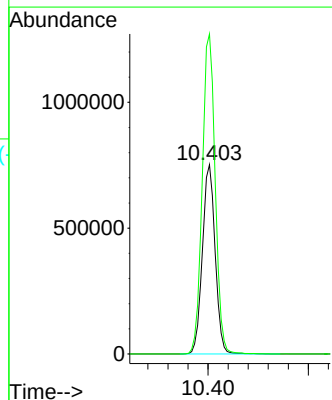
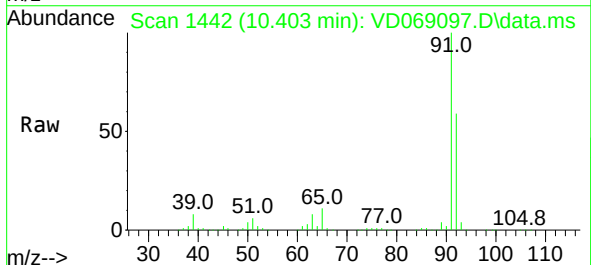
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

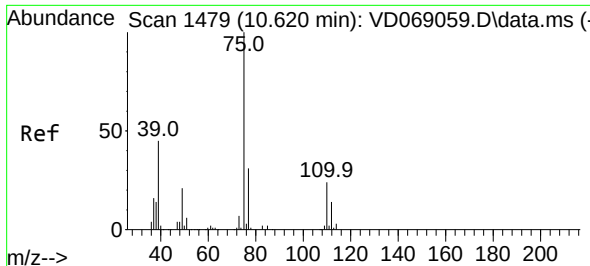
Tgt Ion: 98 Resp: 543496
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#52
Toluene
Concen: 167.73 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 92 Resp: 1327389
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

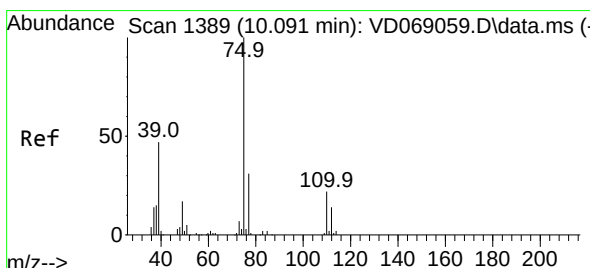
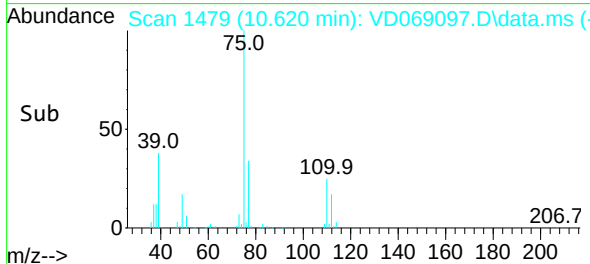
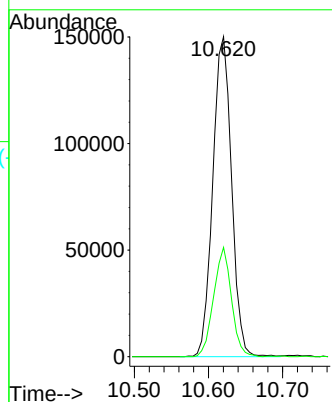
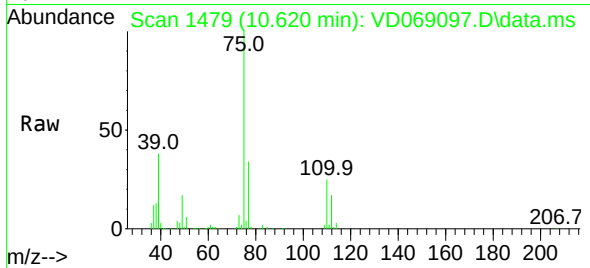




#53
 t-1,3-Dichloropropene
 Concen: 65.52 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD069097.D
 Acq: 07 May 2021 12:19

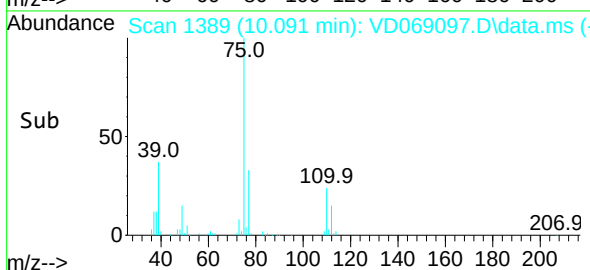
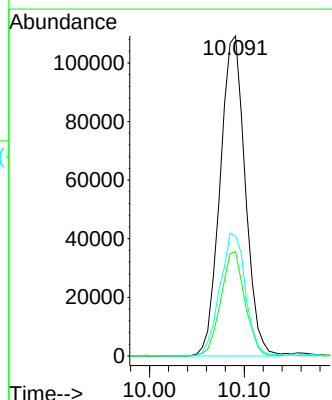
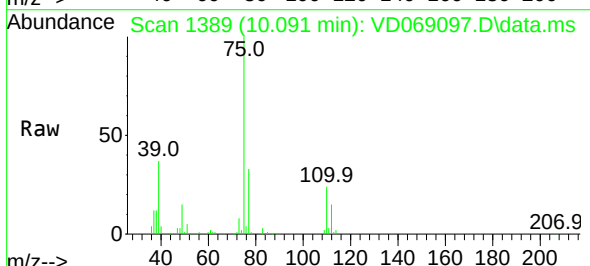
Instrument :
 MSVOA_D
 ClientSampled :
 PT-VOA-SOIL

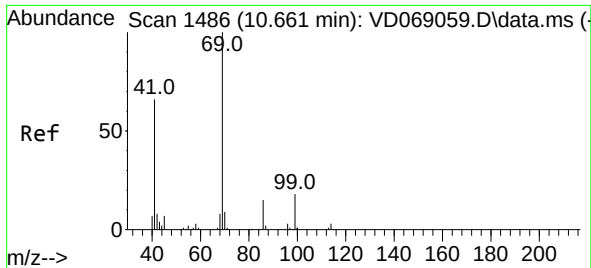
Tgt Ion: 75 Resp: 264173
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 42.15 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD069097.D
 Acq: 07 May 2021 12:19

Tgt Ion: 75 Resp: 200940
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 37.4 37.8 56.8#

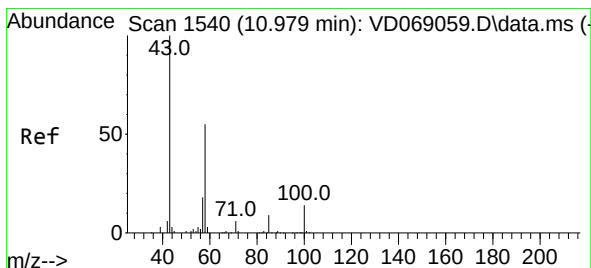
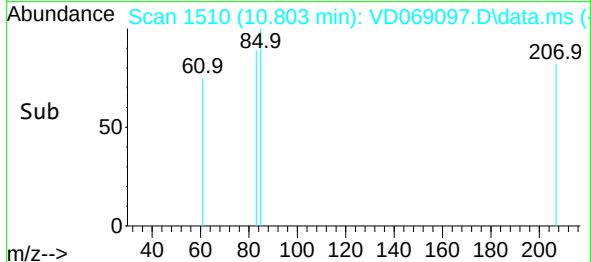
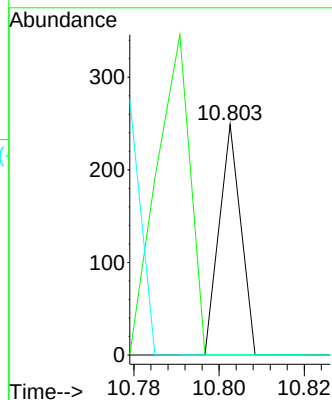
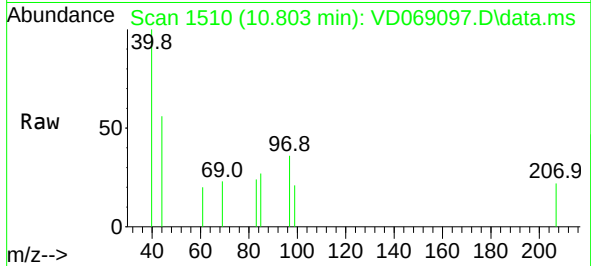




#56
Ethyl methacrylate
Concen: 2.40 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.142 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

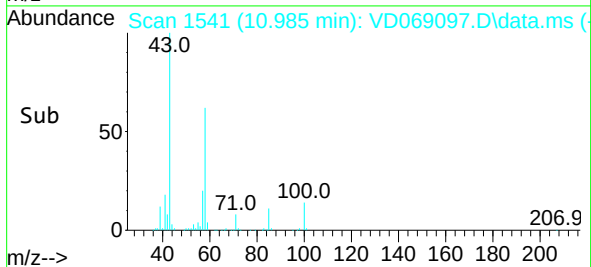
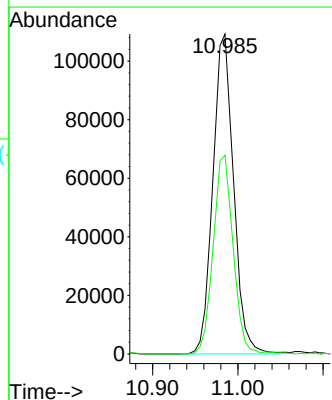
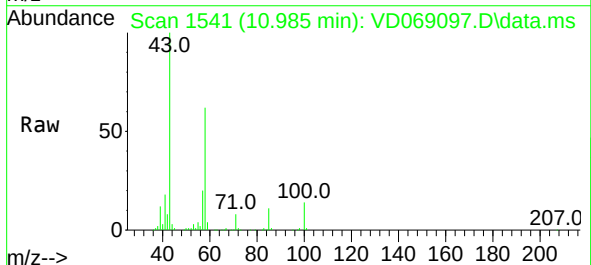
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

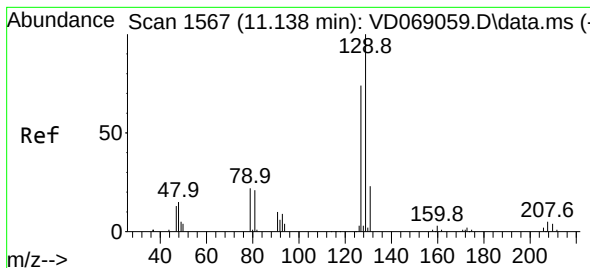
Tgt Ion: 69 Resp: 88
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 0.0 29.8 44.6#



#59
2-Hexanone
Concen: 167.37 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 43 Resp: 184216
Ion Ratio Lower Upper
43 100
58 60.1 27.9 83.6

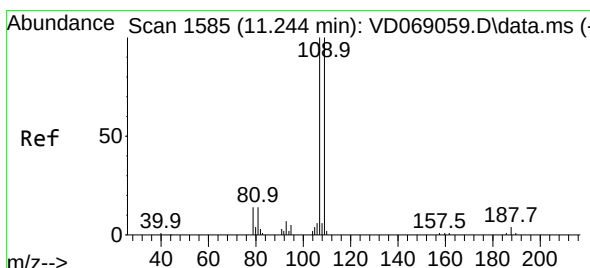
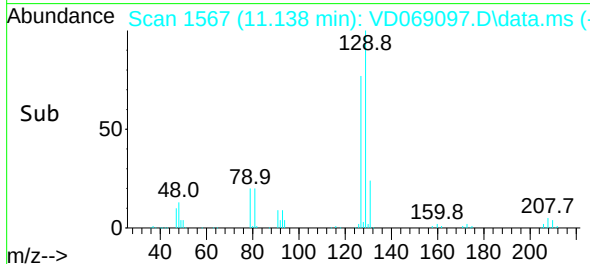
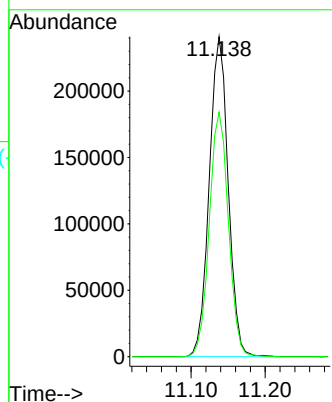
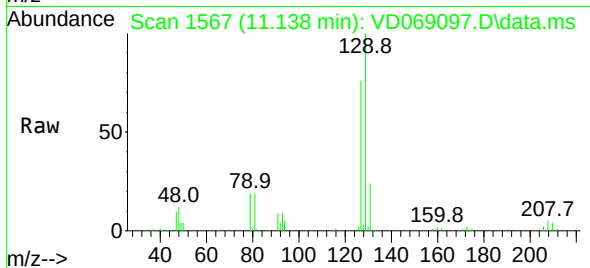




#60
Dibromochloromethane
Concen: 137.23 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

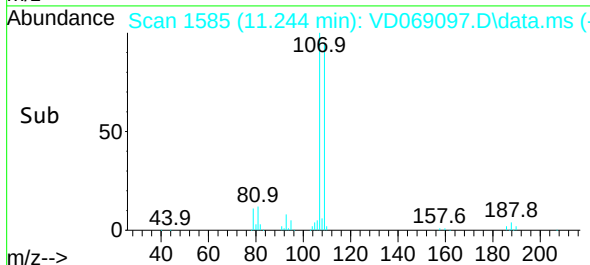
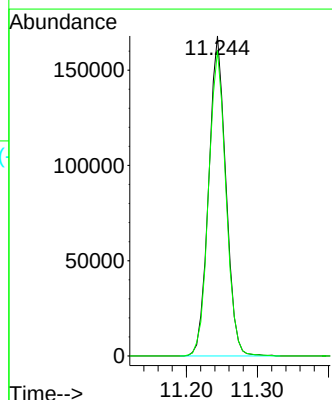
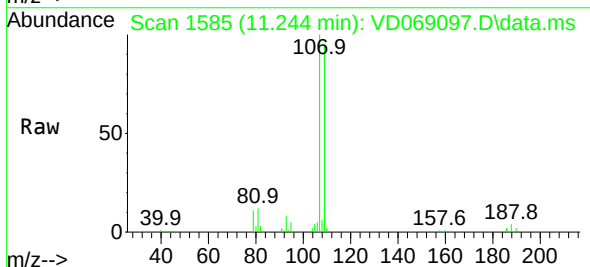
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

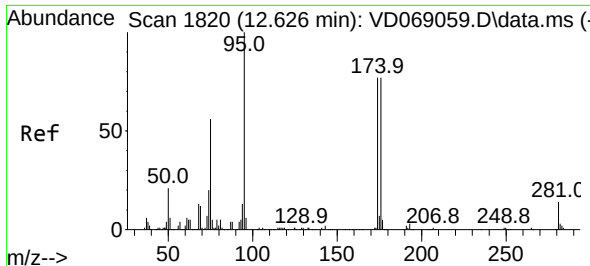
Tgt Ion:129 Resp: 427920
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1



#61
1,2-Dibromoethane
Concen: 124.15 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:107 Resp: 282399
Ion Ratio Lower Upper
107 100
109 96.2 77.6 116.4

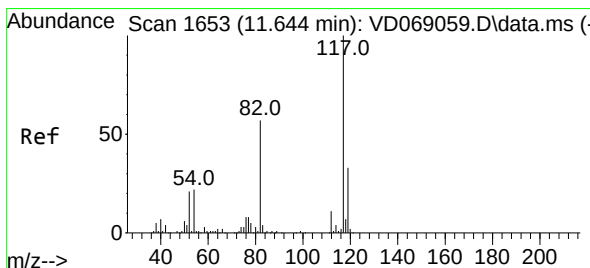
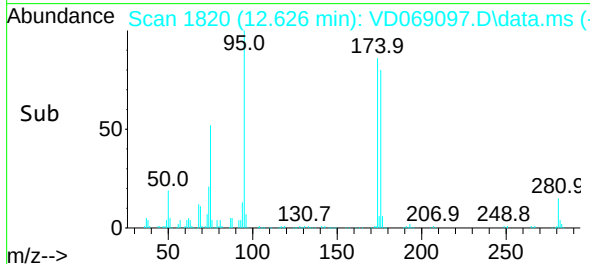
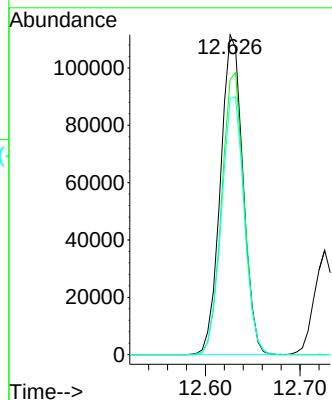
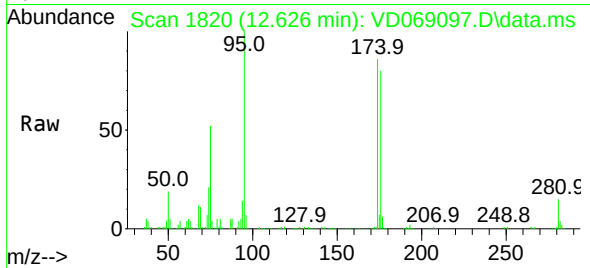




#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

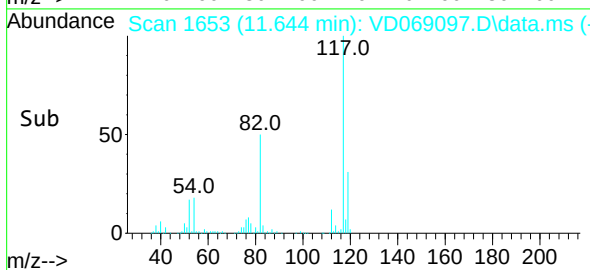
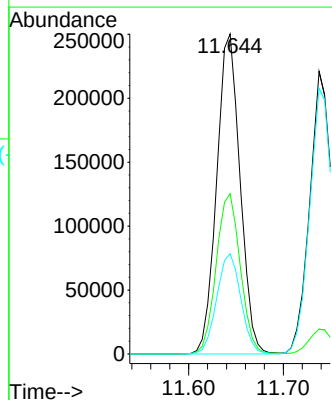
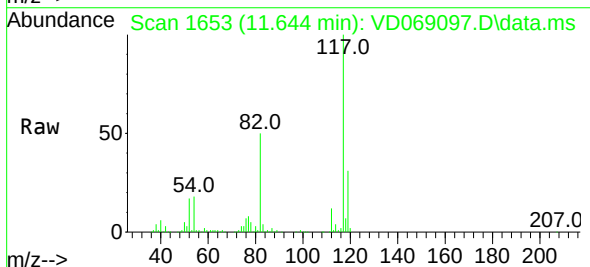
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

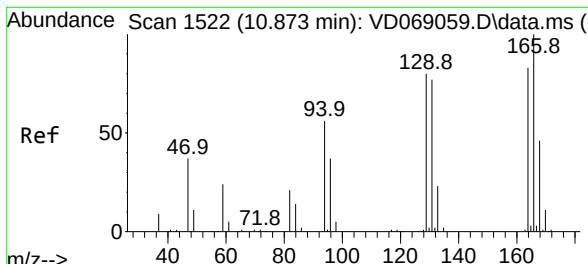
Tgt Ion: 95 Resp: 184938
Ion Ratio Lower Upper
95 100
174 87.3 0.0 156.0
176 81.8 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 117 Resp: 429778
Ion Ratio Lower Upper
117 100
82 50.1 45.4 68.2
119 31.4 26.8 40.2



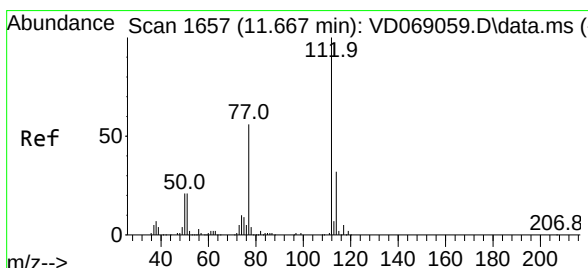
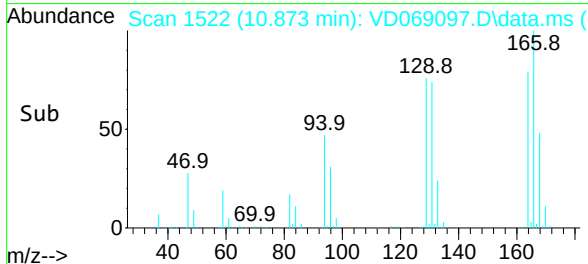
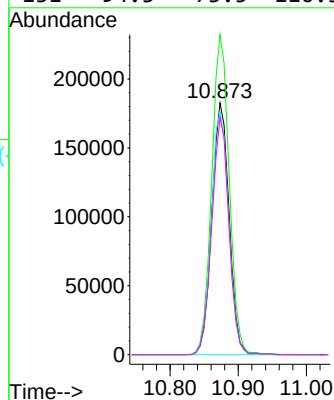
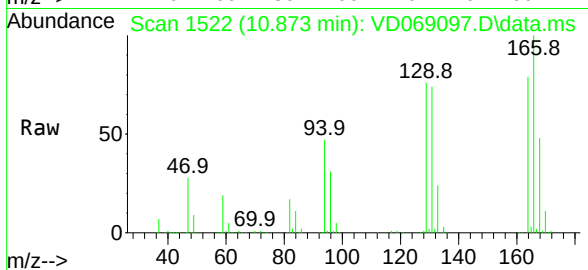


#64
Tetrachloroethene
Concen: 116.66 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

Tgt Ion:164 Resp: 323142

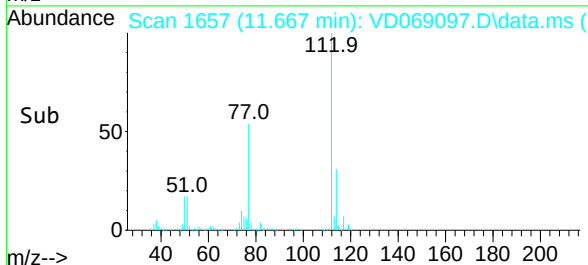
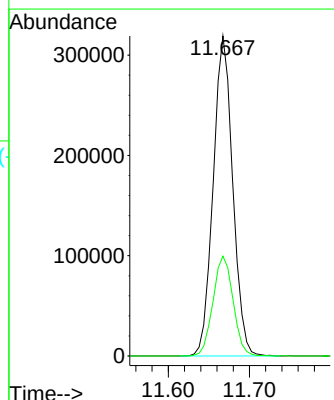
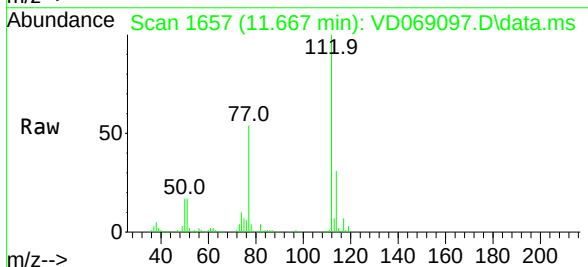
Ion	Ratio	Lower	Upper
164	100		
166	127.1	96.0	144.0
129	96.4	76.8	115.2
131	94.3	73.5	110.3

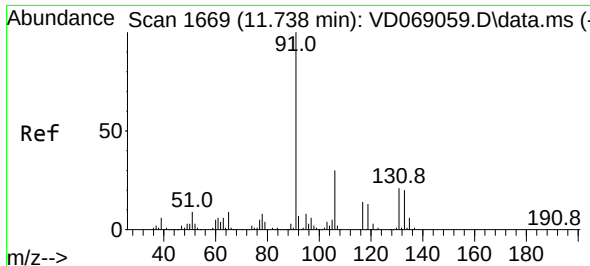


#65
Chlorobenzene
Concen: 60.80 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:112 Resp: 533336

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.8	38.6

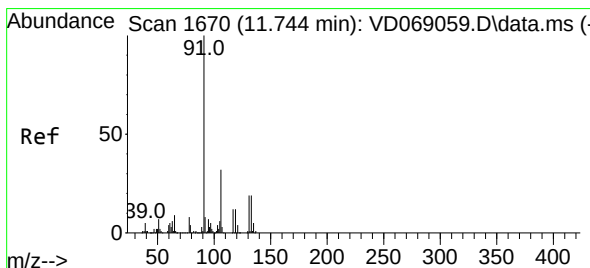
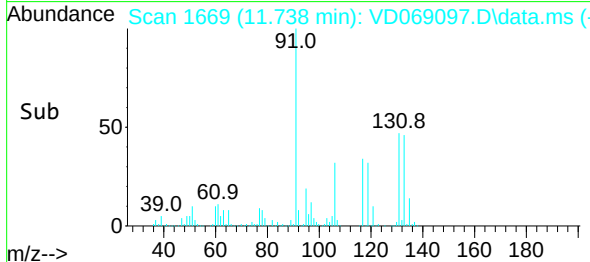
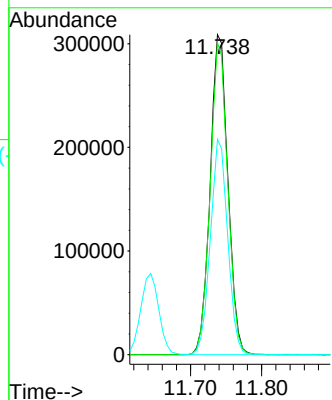
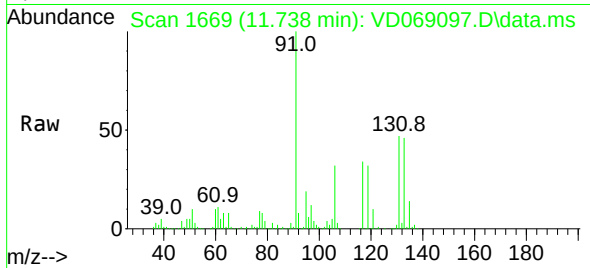




#66
1,1,1,2-Tetrachloroethane
Concen: 161.26 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

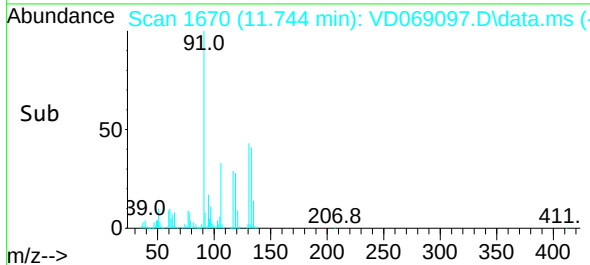
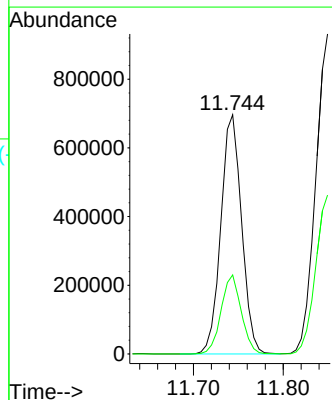
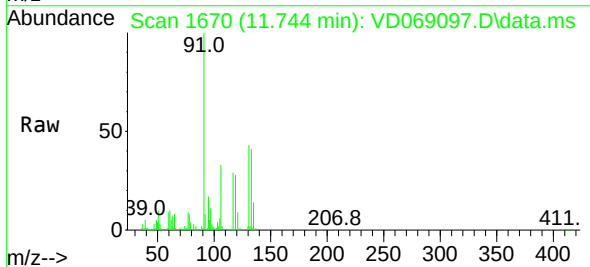
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

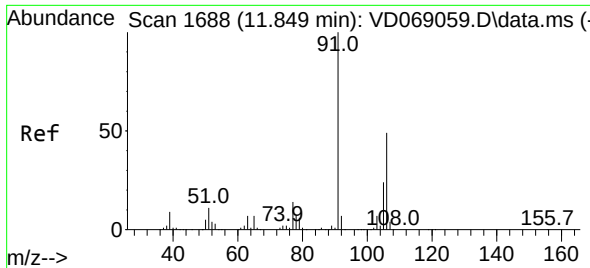
Tgt Ion:131 Resp: 535287
Ion Ratio Lower Upper
131 100
133 96.4 48.7 146.1
119 65.9 32.0 96.2



#67
Ethyl Benzene
Concen: 71.90 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 91 Resp: 1118133
Ion Ratio Lower Upper
91 100
106 33.0 25.5 38.3

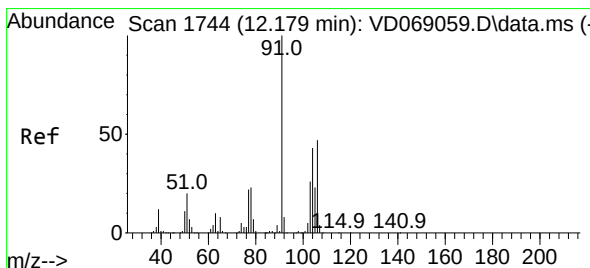
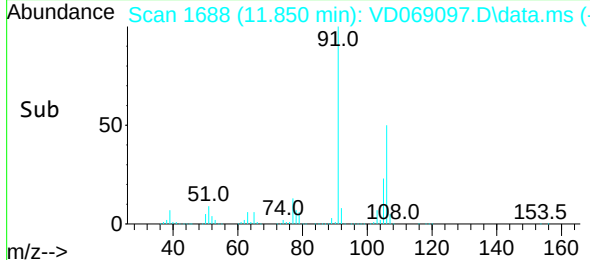
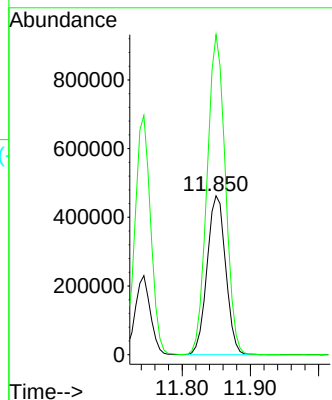
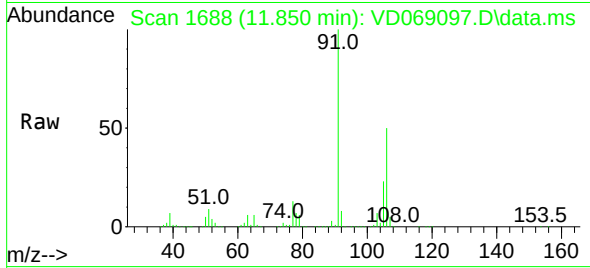




#68
m/p-Xylenes
Concen: 150.06 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

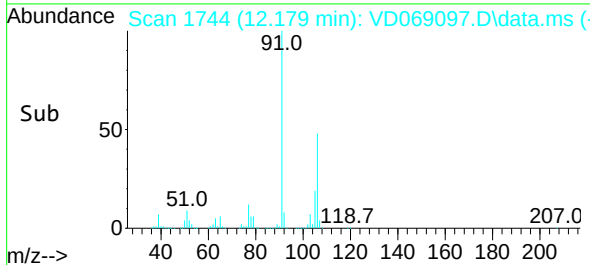
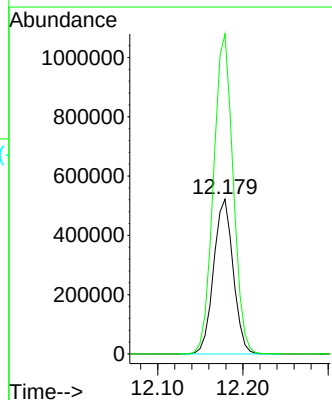
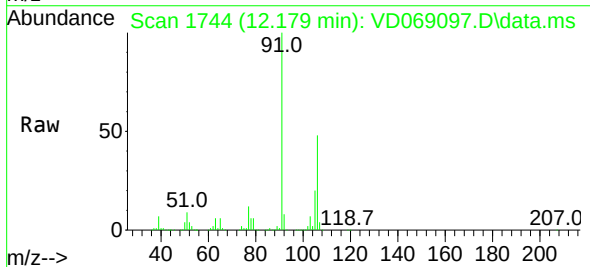
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

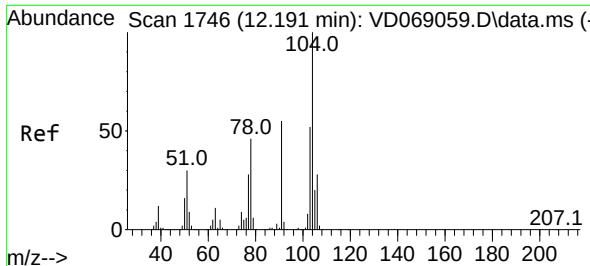
Tgt Ion:106 Resp: 877485
Ion Ratio Lower Upper
106 100
91 197.8 164.6 246.8



#69
o-Xylene
Concen: 158.96 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:106 Resp: 833286
Ion Ratio Lower Upper
106 100
91 207.9 107.1 321.4

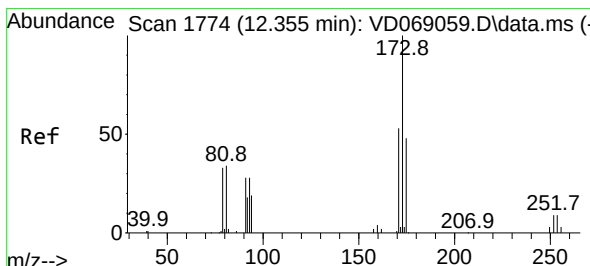
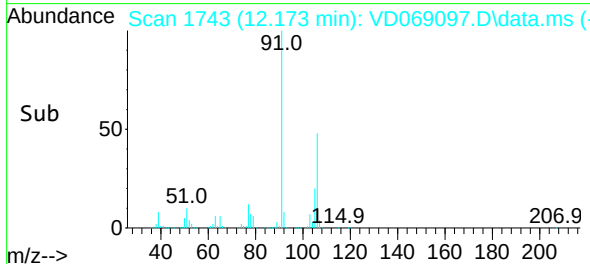
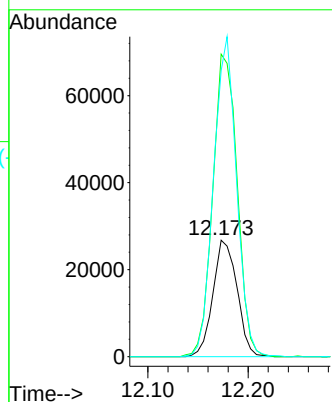
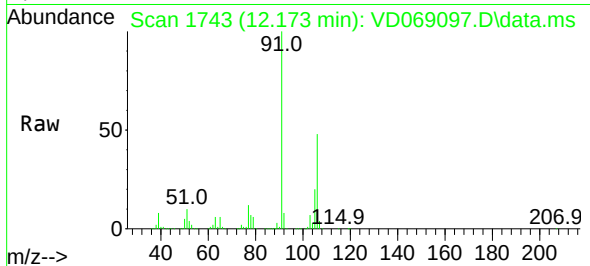




#70
Styrene
Concen: 4.84 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.018 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

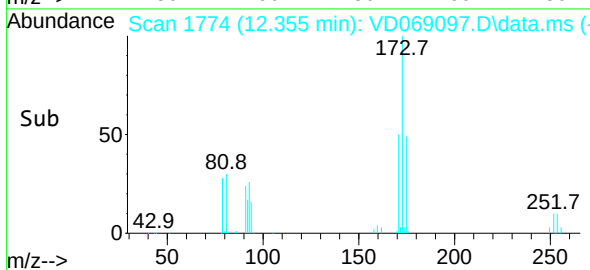
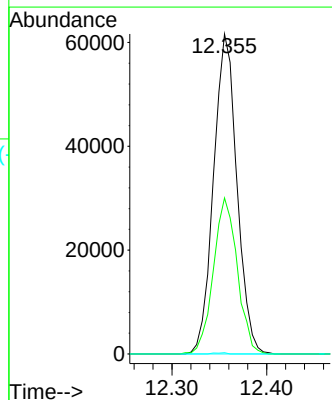
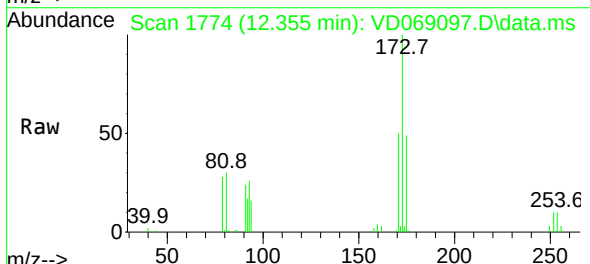
Instrument :
MSVOA_D
ClientSampled :
PT-VOA-SOIL

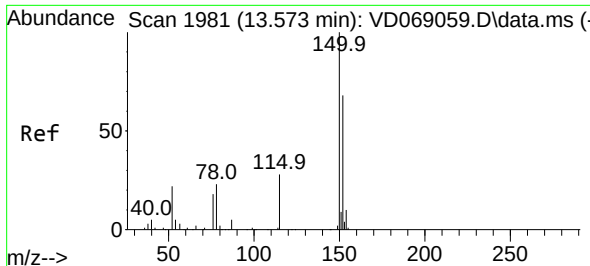
Tgt Ion:104 Resp: 44848
Ion Ratio Lower Upper
104 100
78 263.0 39.9 59.9#
103 261.7 44.5 66.7#



#71
Bromoform
Concen: 62.11 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:173 Resp: 105663
Ion Ratio Lower Upper
173 100
175 49.8 23.8 71.4
254 0.2 0.0 0.0#

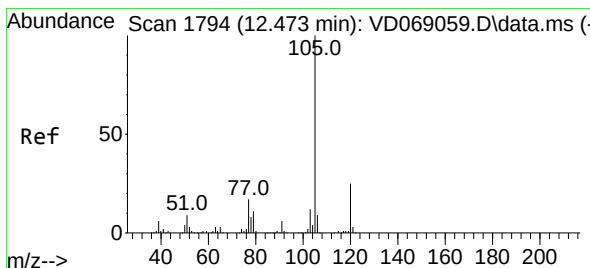
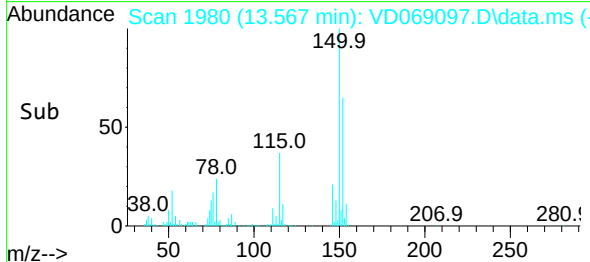
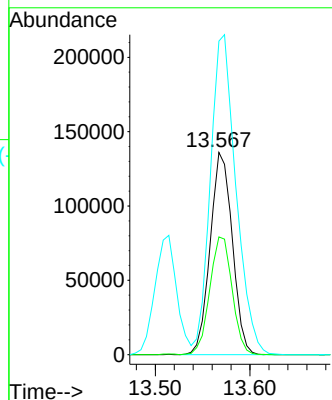
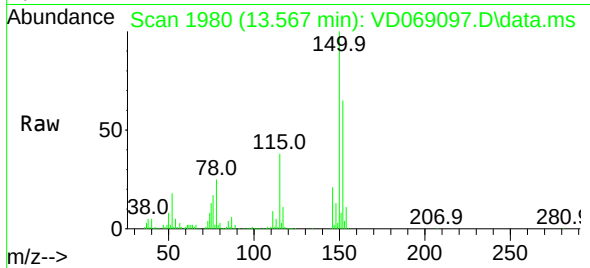




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

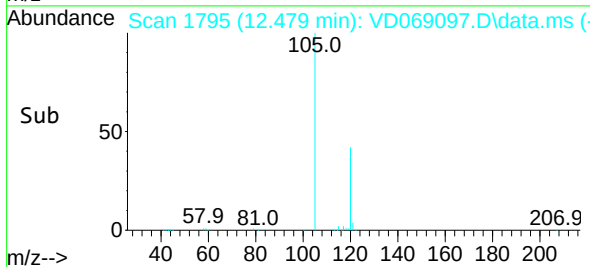
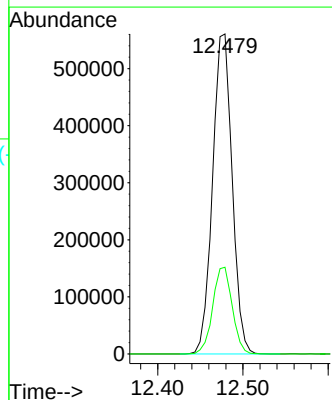
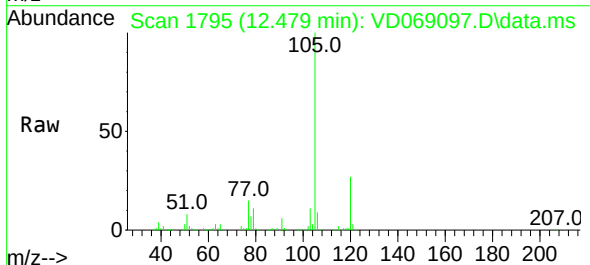
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

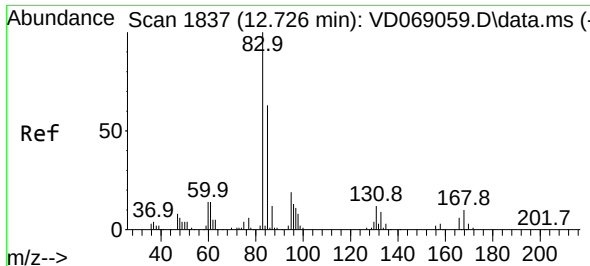
Tgt Ion:152 Resp: 221381
Ion Ratio Lower Upper
152 100
115 58.7 30.5 91.5
150 182.6 0.0 340.8



#73
Isopropylbenzene
Concen: 58.32 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:105 Resp: 893698
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

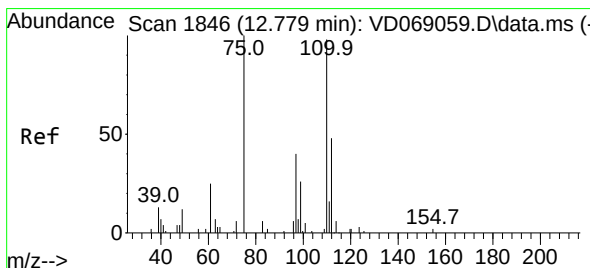
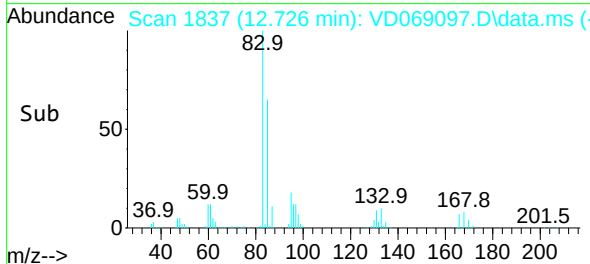
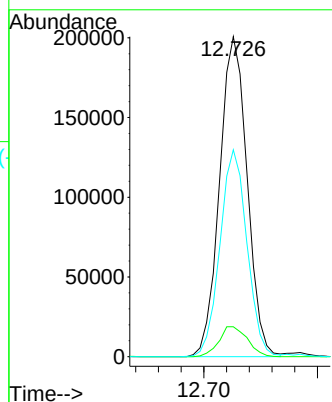
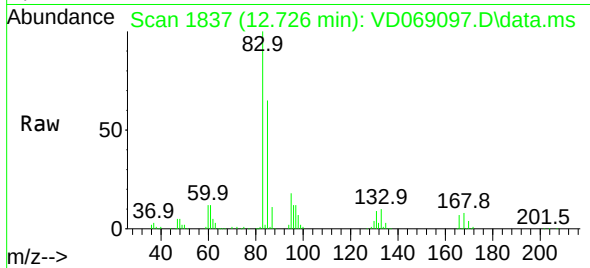




#75
1,1,2,2-Tetrachloroethane
Concen: 112.56 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

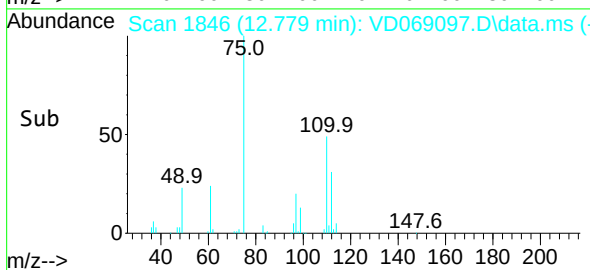
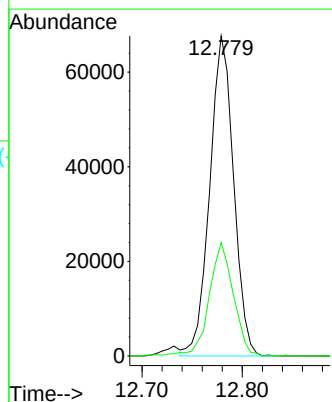
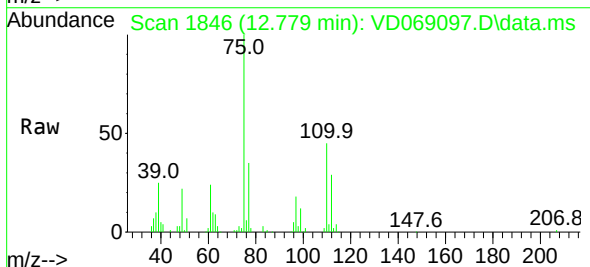
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

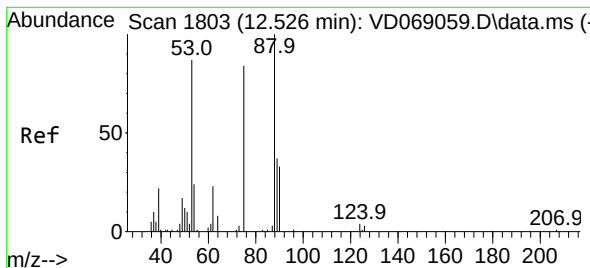
Tgt Ion: 83 Resp: 338133
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 63.4 30.9 92.8



#76
1,2,3-Trichloropropane
Concen: 58.14 ug/l
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

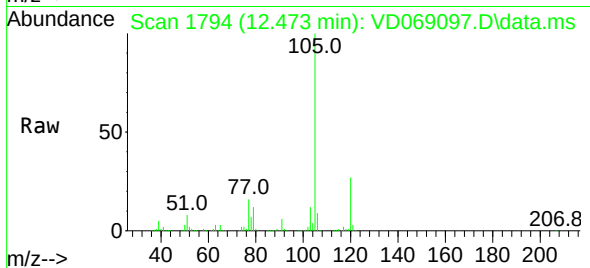
Tgt Ion: 75 Resp: 112050
Ion Ratio Lower Upper
75 100
77 36.0 0.0 0.0#



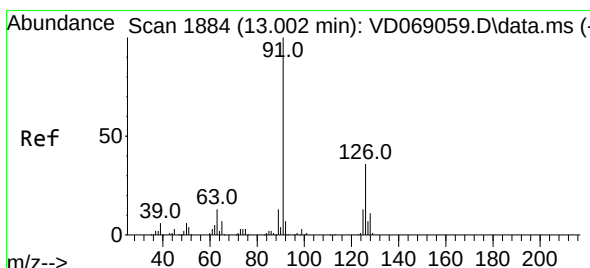
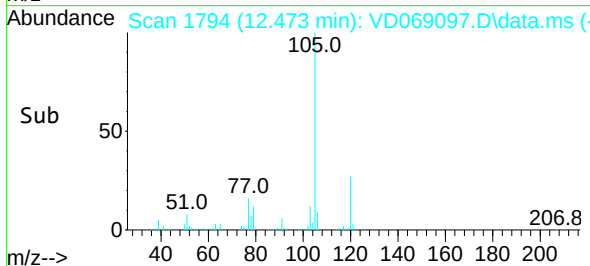
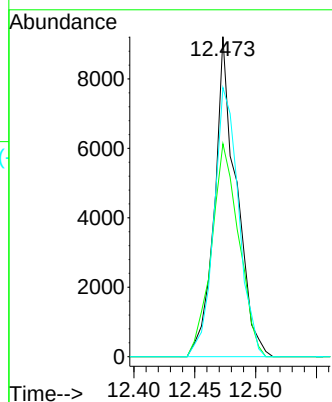


#81
trans-1,4-Dichloro-2-butene
Concen: 13.03 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.053 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

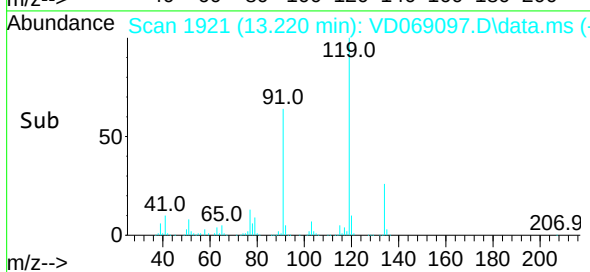
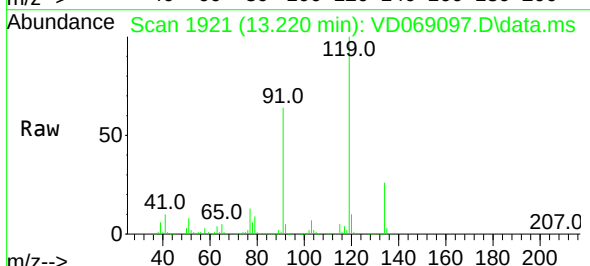
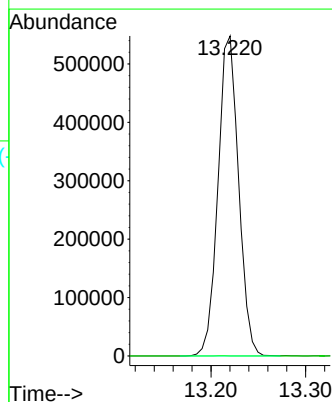


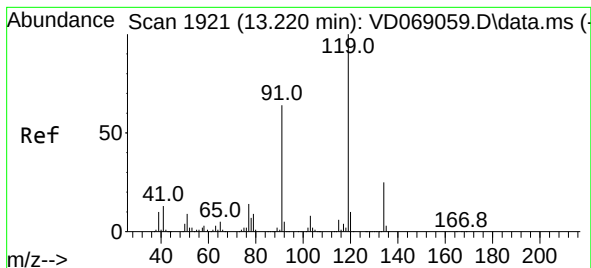
Tgt Ion: 75 Resp: 11537
Ion Ratio Lower Upper
75 100
53 82.9 80.4 120.6
89 94.9 37.8 56.8#



#82
4-Chlorotoluene
Concen: 73.66 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.218 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion: 91 Resp: 827835
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

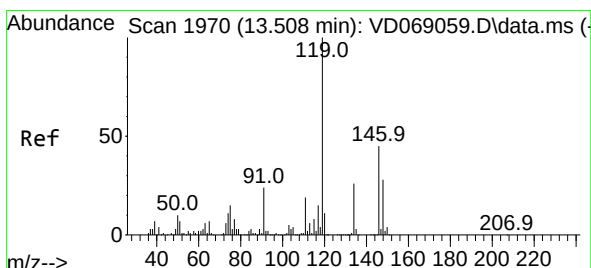
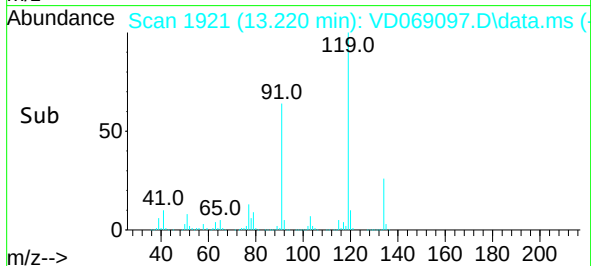
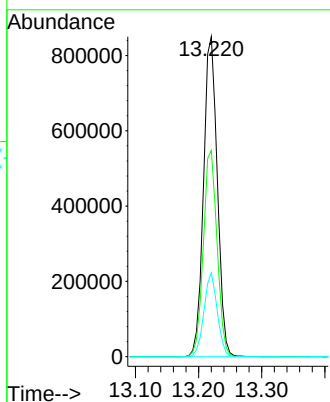
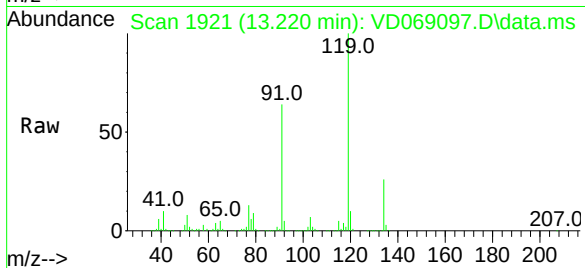




#83
tert-Butylbenzene
Concen: 120.89 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

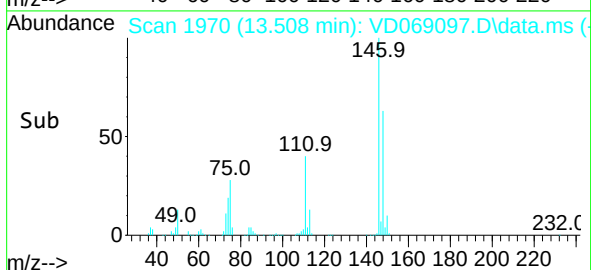
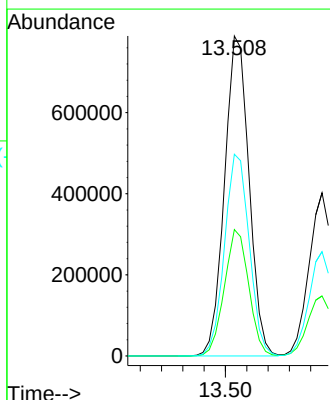
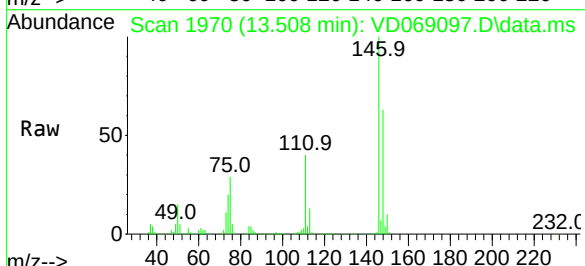
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

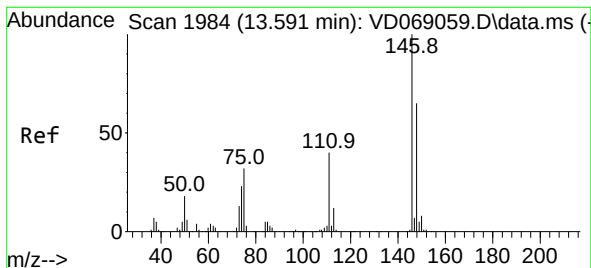
Tgt Ion:119 Resp: 1285163
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 25.4 12.6 37.8



#87
1,3-Dichlorobenzene
Concen: 177.01 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Tgt Ion:146 Resp: 1260123
Ion Ratio Lower Upper
146 100
111 39.3 20.6 61.8
148 63.7 31.4 94.2





#88

1,4-Dichlorobenzene

Concen: 89.51 ug/l

RT: 13.591 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VD069097.D

Acq: 07 May 2021 12:19

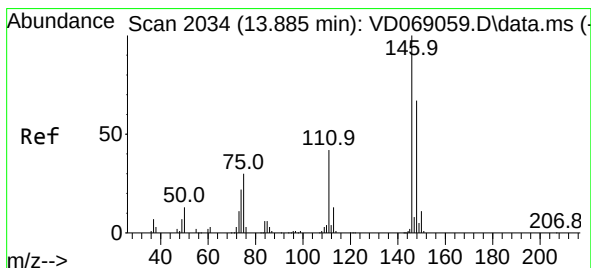
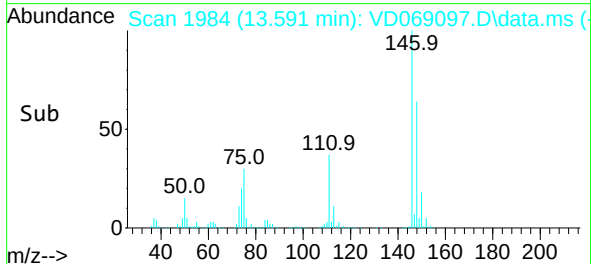
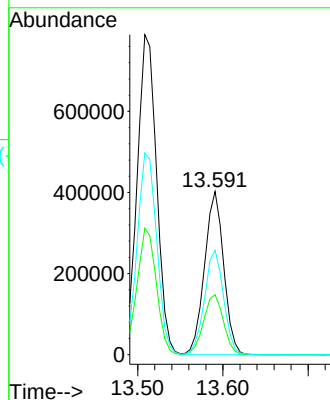
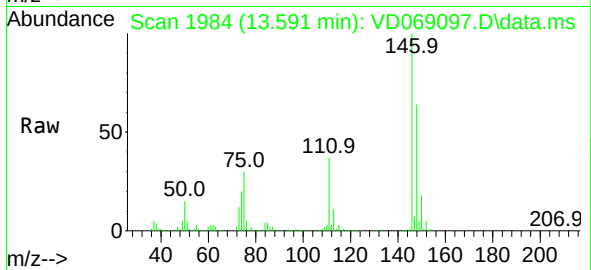
Tgt Ion:146 Resp: 628054

Ion Ratio Lower Upper

146 100

111 38.4 20.5 61.6

148 63.9 32.3 96.9



#91

1,2-Dichlorobenzene

Concen: 180.29 ug/l

RT: 13.885 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VD069097.D

Acq: 07 May 2021 12:19

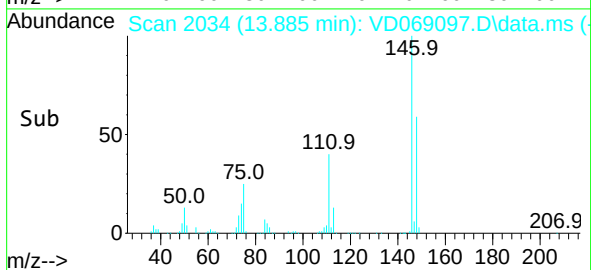
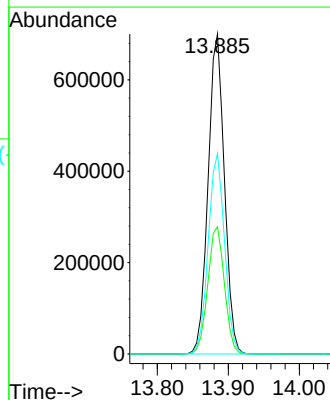
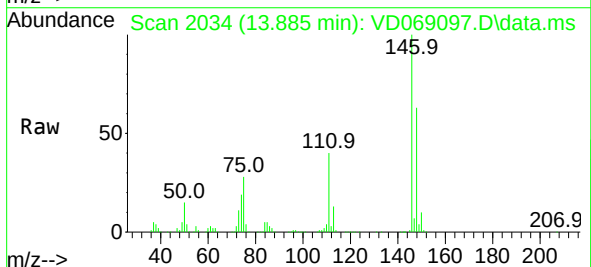
Tgt Ion:146 Resp: 1116013

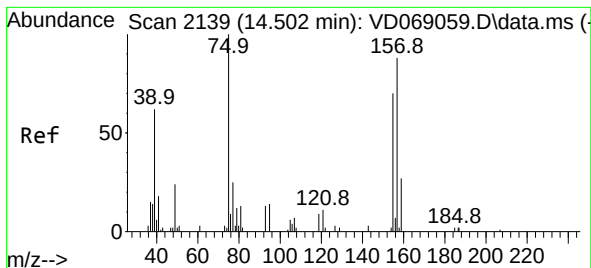
Ion Ratio Lower Upper

146 100

111 40.6 21.1 63.3

148 63.1 31.3 93.8

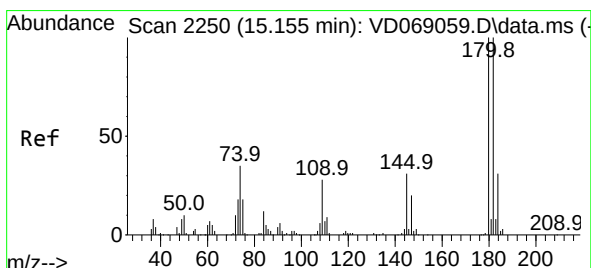
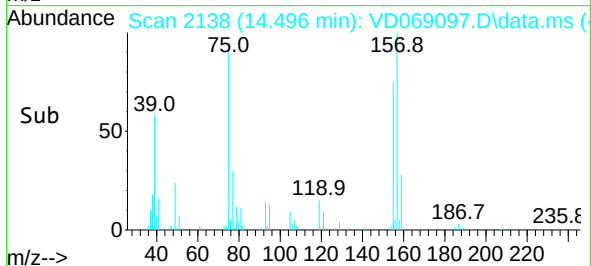
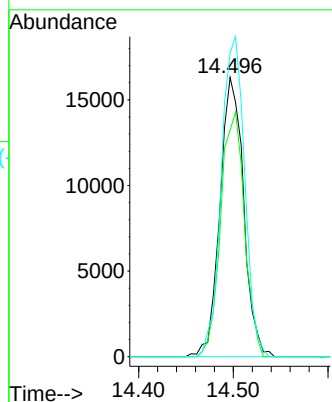
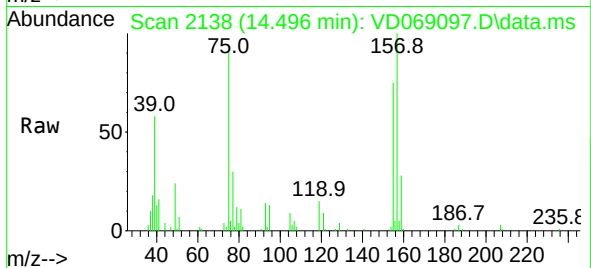




#92
1,2-Dibromo-3-Chloropropane
Concen: 57.08 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

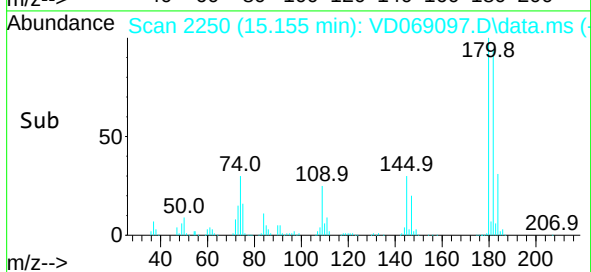
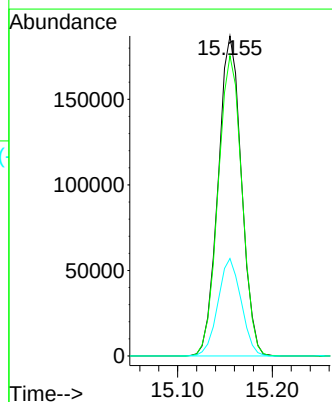
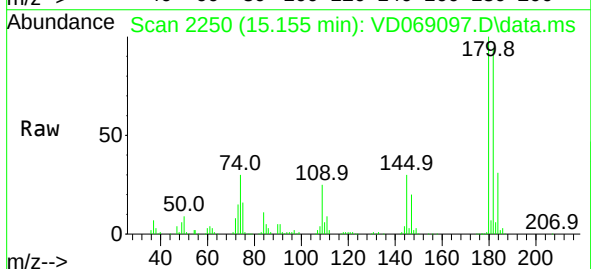
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

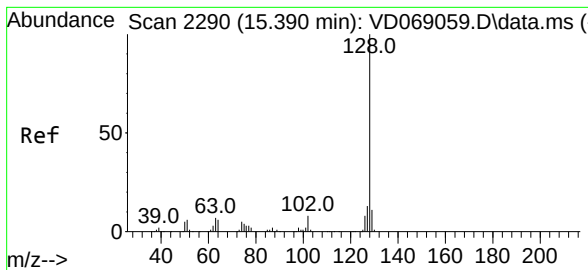
Tgt Ion: 75 Resp: 28205
Ion Ratio Lower Upper
75 100
155 88.0 39.1 117.3
157 113.3 48.6 145.8



#93
1,2,4-Trichlorobenzene
Concen: 87.13 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

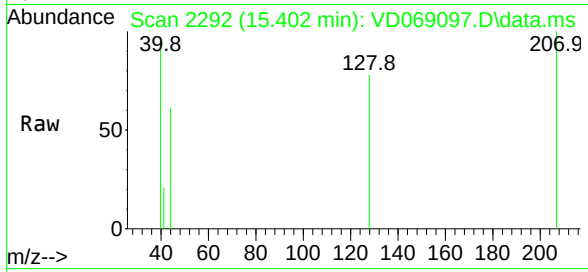
Tgt Ion:180 Resp: 319938
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 30.3 15.8 47.3





#95
Naphthalene
Concen: 3.03 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.012 min
Lab File: VD069097.D
Acq: 07 May 2021 12:19

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL



Tgt Ion:	128	Resp:	1602
Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.7	16.1#
129	4.6	8.5	12.7#

