

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069367.D
 Acq On : 07 Jun 2021 14:49
 Operator : VA/SY
 Sample : M2616-01
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSS-SOIL-PILE

Quant Time: Jun 08 04:22:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

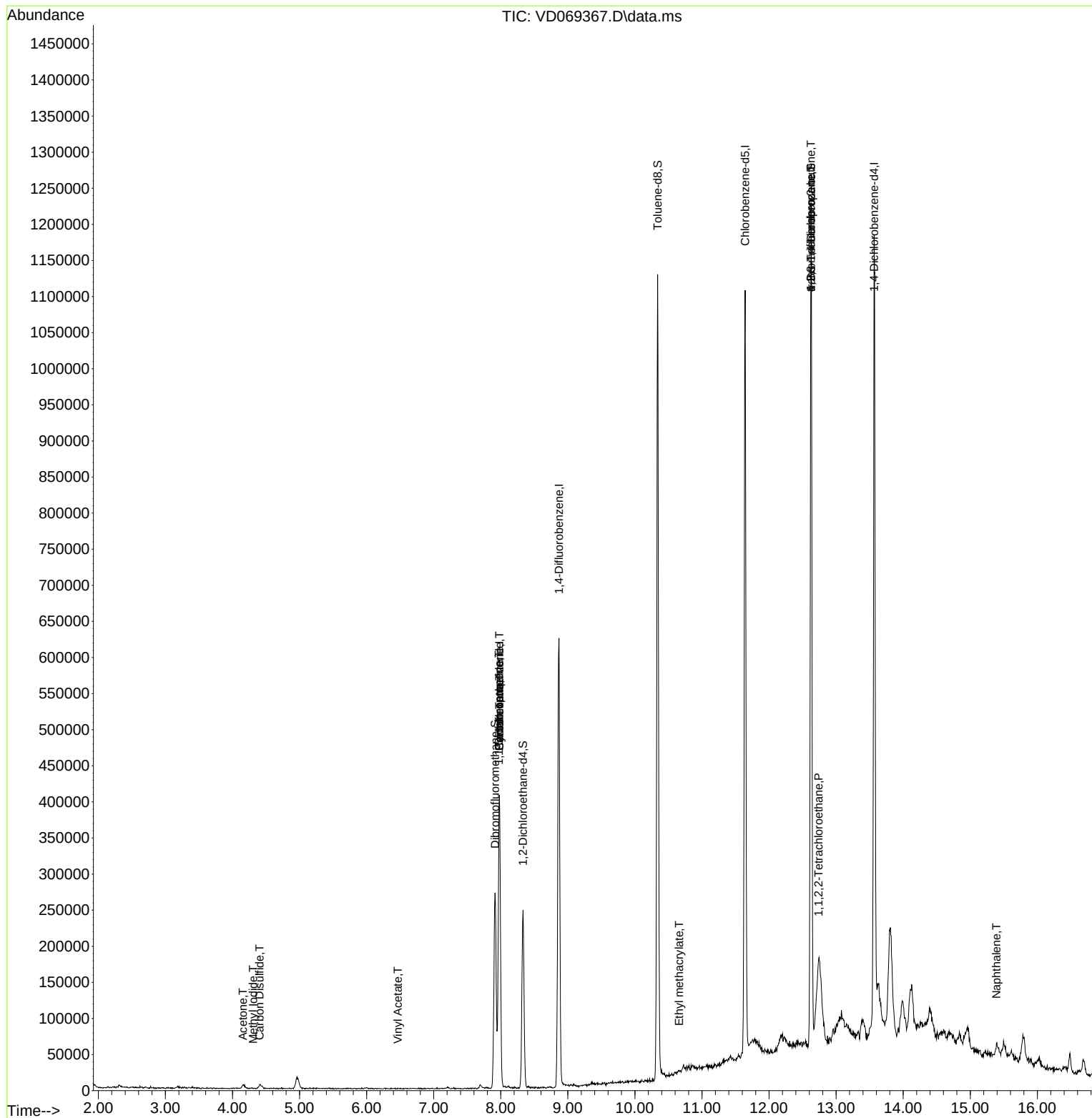
Internal Standards						
1) Pentafluorobenzene	7.979	168	311010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	643215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194462	65.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.32%	
35) Dibromofluoromethane	7.914	113	198401	55.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.42%	
50) Toluene-d8	10.338	98	765778	59.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.26%	
62) 4-Bromofluorobenzene	12.626	95	296247	69.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 139.62%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	77	2.53	ug/l #	39
11) Tert butyl alcohol	5.226	59	56	Below	Cal #	73
16) Acetone	4.156	43	9466	18.18	ug/l	89
17) Carbon Disulfide	4.403	76	10469	1.01	ug/l #	89
20) Methylene Chloride	4.961	84	14230	Below	Cal	91
23) Vinyl Acetate	6.467	43	65	11.63	ug/l #	67
31) Cyclohexane	7.979	56	7190	1.52	ug/l #	25
36) 1,1-Dichloropropene	7.973	75	24005	4.35	ug/l #	48
38) Carbon Tetrachloride	7.979	117	31940	5.37	ug/l #	16
56) Ethyl methacrylate	10.661	69	680	2.82	ug/l #	31
75) 1,1,2,2-Tetrachloroethane	12.737	83	29920	7.72	ug/l #	26
76) 1,2,3-Trichloropropane	12.626	75	146760	55.67	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	146760	123.36	ug/l #	19
95) Naphthalene	15.390	128	10714	4.27	ug/l #	84

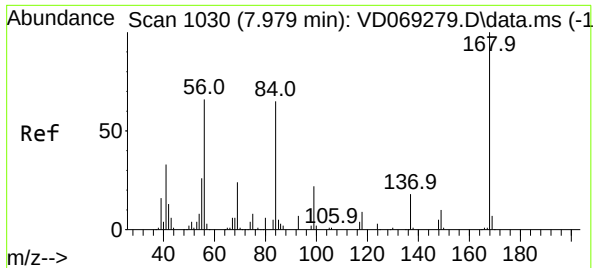
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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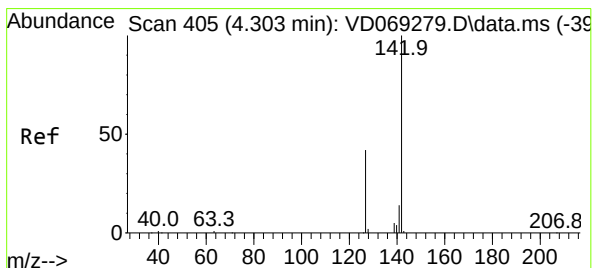
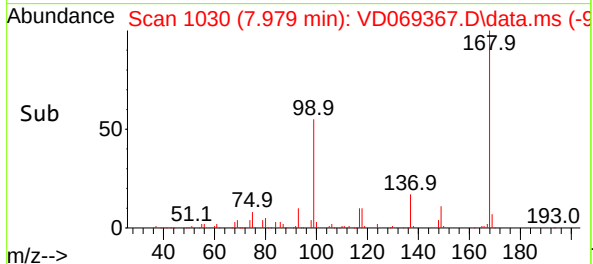
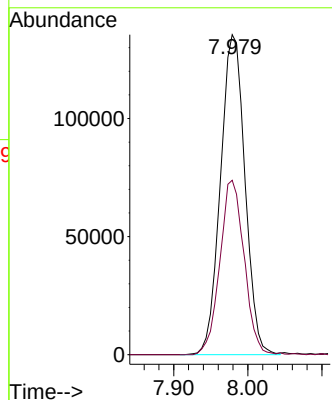
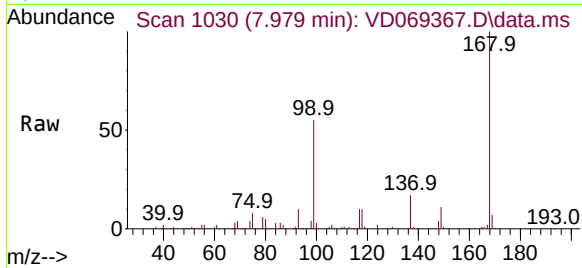




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

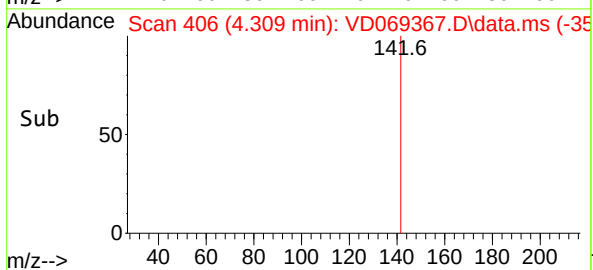
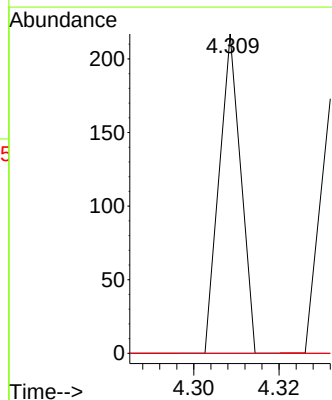
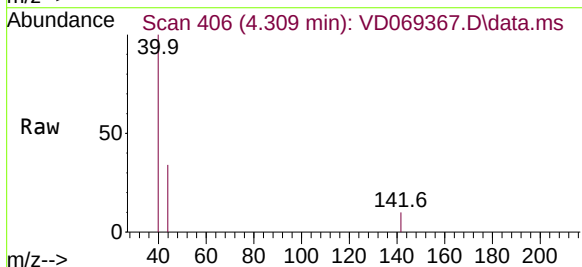
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

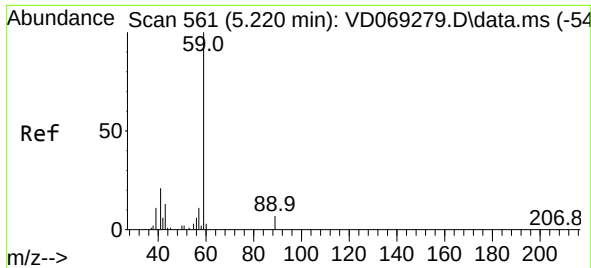
Tgt Ion:168 Resp: 311010
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

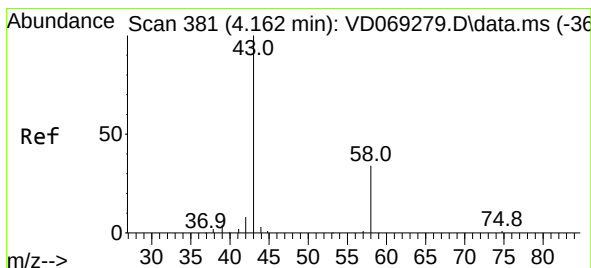
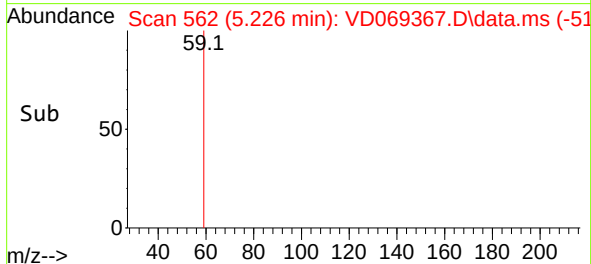
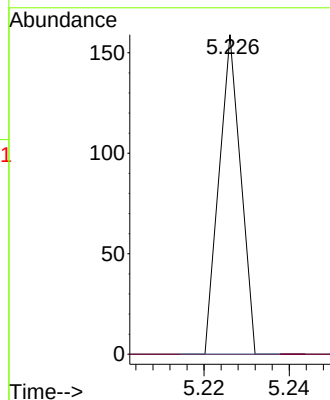
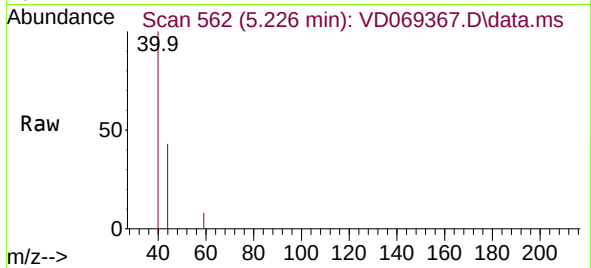




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

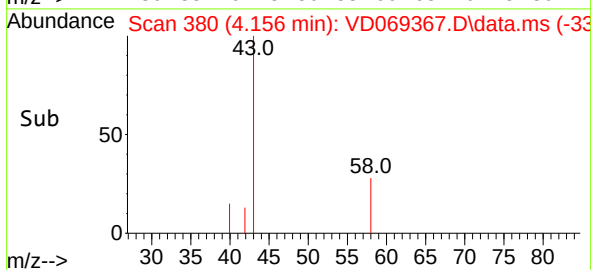
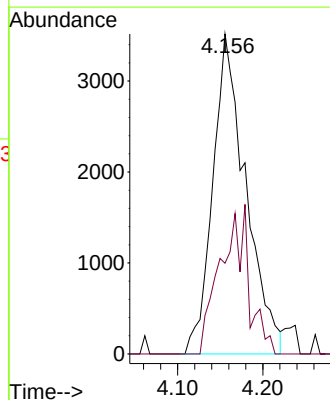
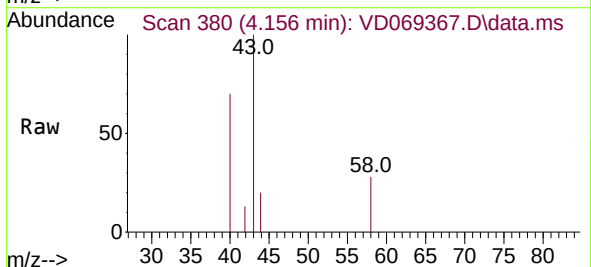
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

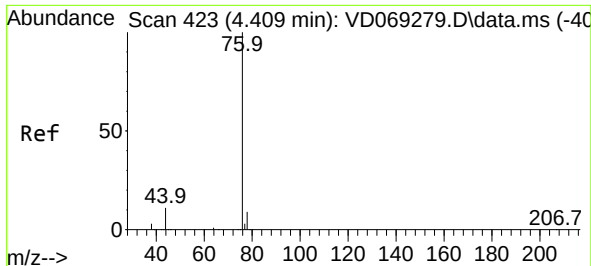
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 18.18 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 43 Resp: 9466
Ion Ratio Lower Upper
43 100
58 28.3 27.5 41.3

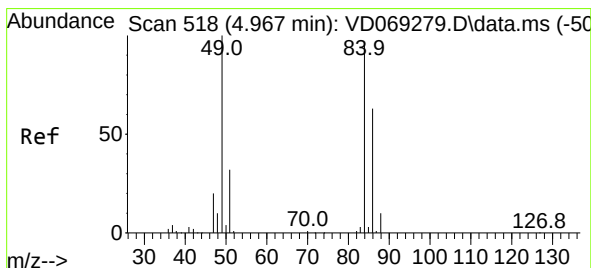
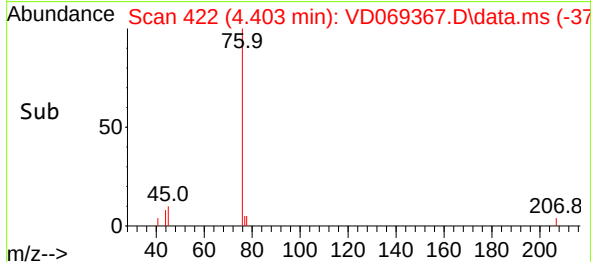
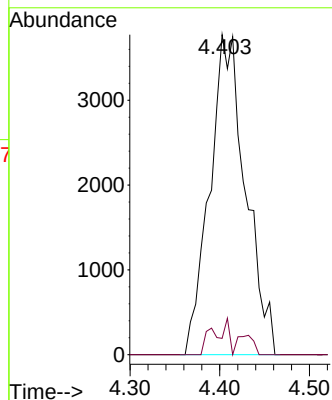
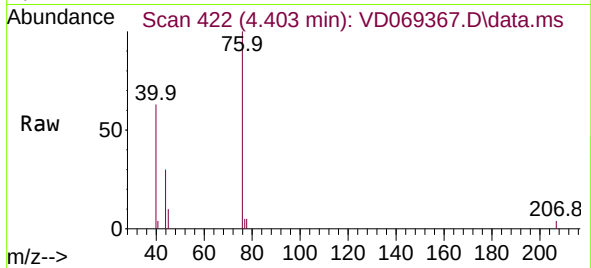




#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

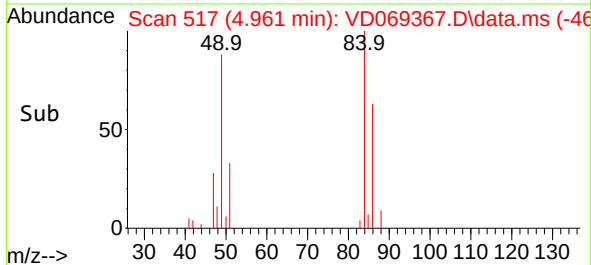
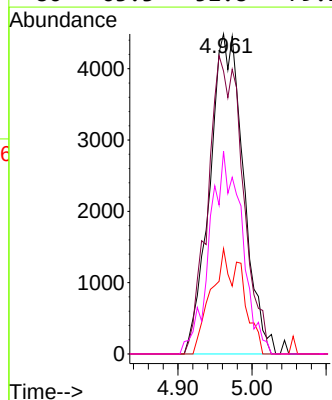
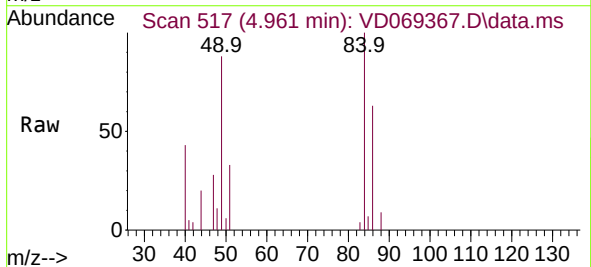
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

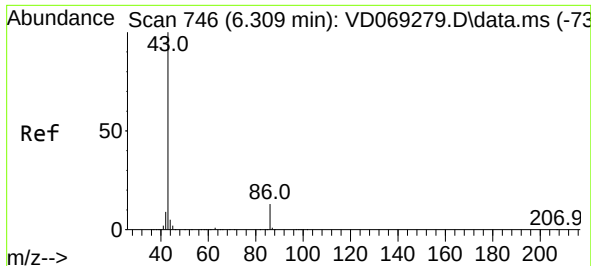
Tgt Ion: 76 Resp: 10469
Ion Ratio Lower Upper
76 100
78 5.1 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 84 Resp: 14230
Ion Ratio Lower Upper
84 100
49 88.4 83.7 125.5
51 32.9 26.4 39.6
86 63.3 52.8 79.2

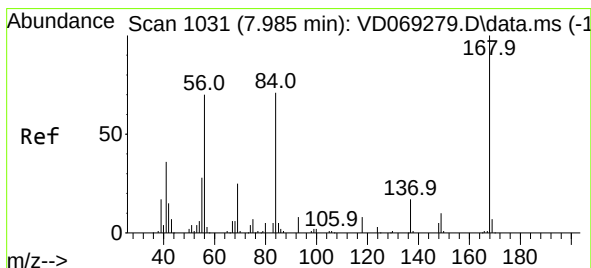
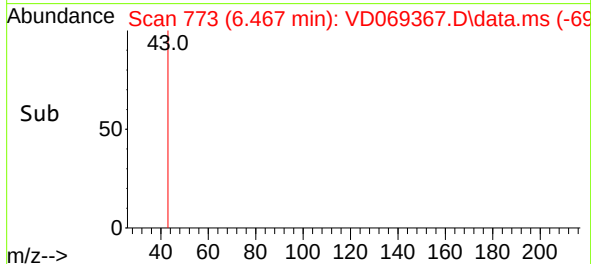
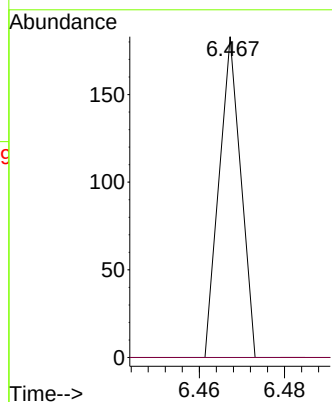
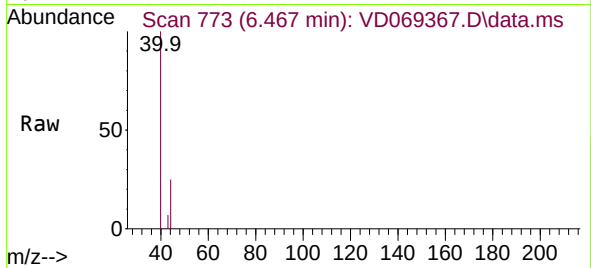




#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.467 min Scan# 773
 Delta R.T. 0.158 min
 Lab File: VD069367.D
 Acq: 07 Jun 2021 14:49

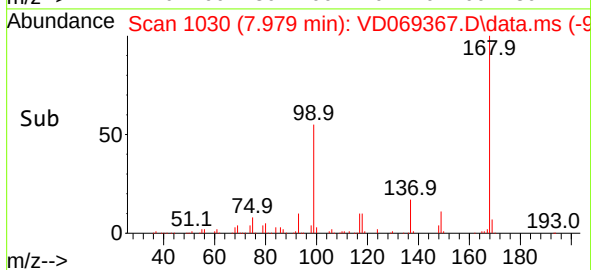
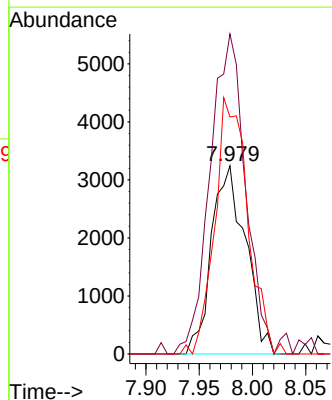
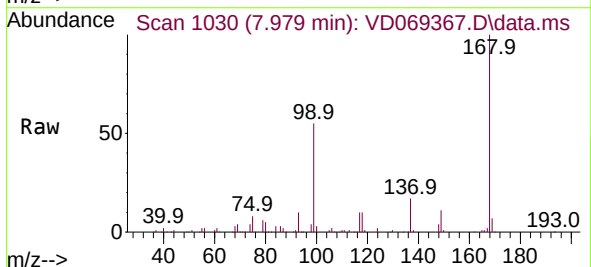
Instrument :
 MSVOA_D
 ClientSampleId :
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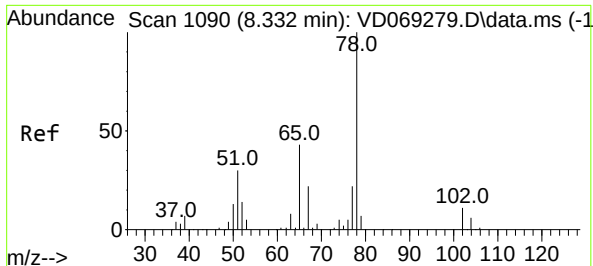
Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.52 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069367.D
 Acq: 07 Jun 2021 14:49

Tgt Ion: 56 Resp: 7190
 Ion Ratio Lower Upper
 56 100
 69 164.9 29.0 43.4#
 84 126.0 81.1 121.7#

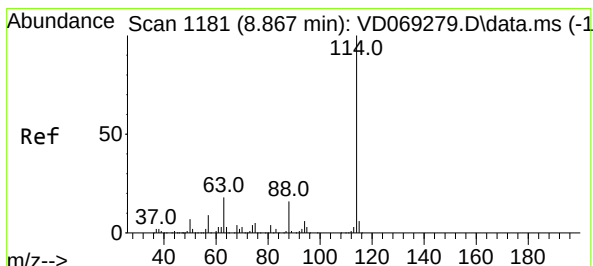
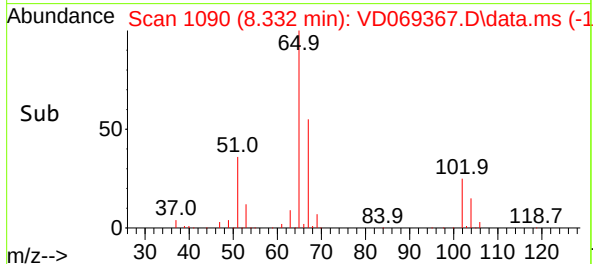
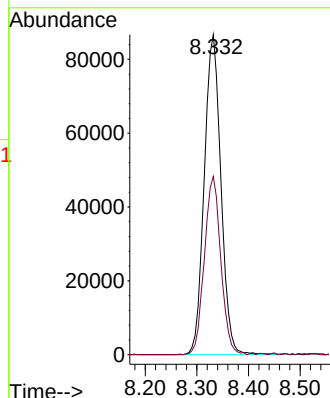
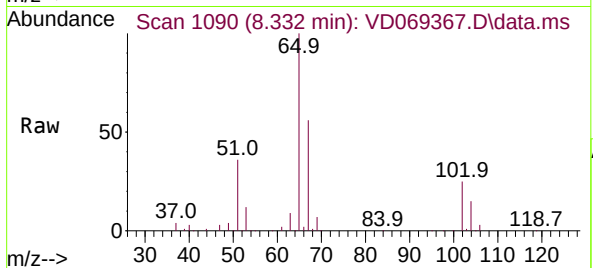




#33
1,2-Dichloroethane-d4
Concen: 65.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

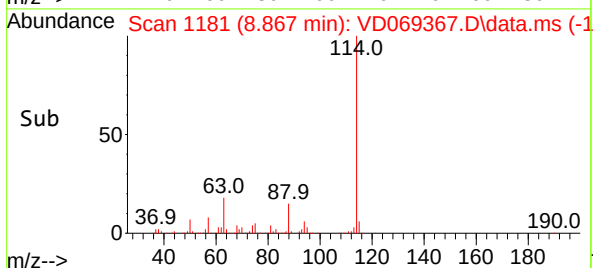
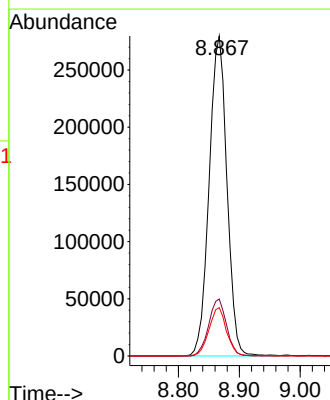
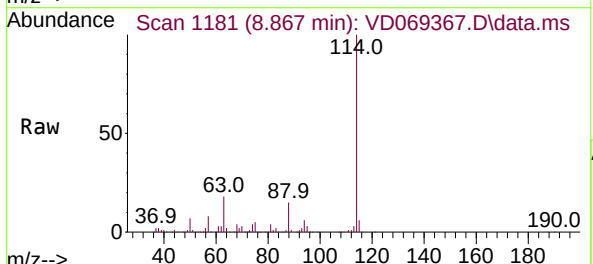
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

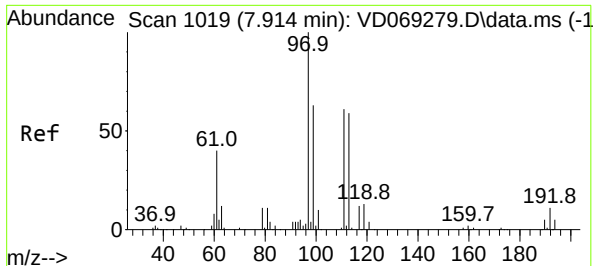
Tgt Ion: 65 Resp: 194462
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 114 Resp: 567098
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 55.71 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069367.D

Acq: 07 Jun 2021 14:49

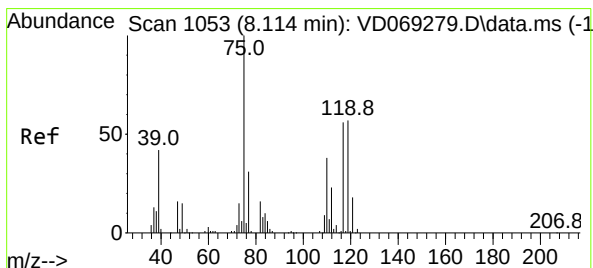
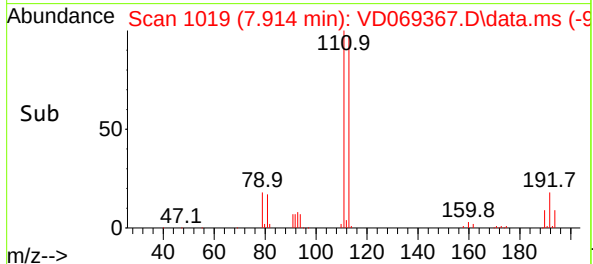
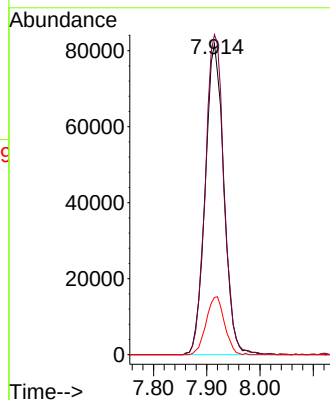
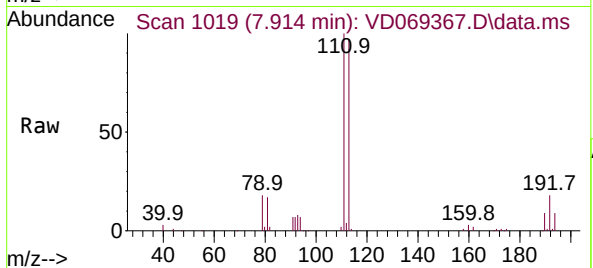
Tgt Ion:113 Resp: 198401

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 18.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.35 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069367.D

Acq: 07 Jun 2021 14:49

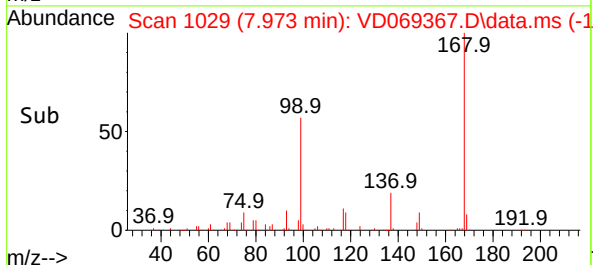
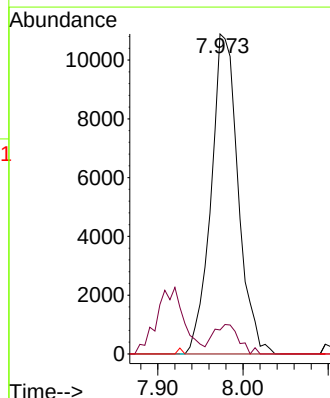
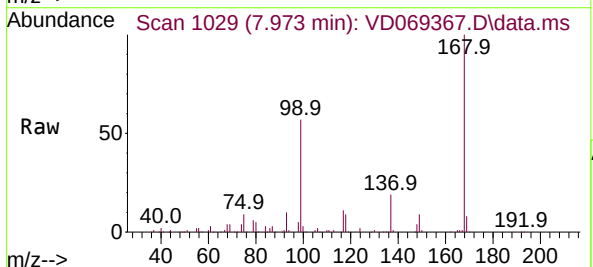
Tgt Ion: 75 Resp: 24005

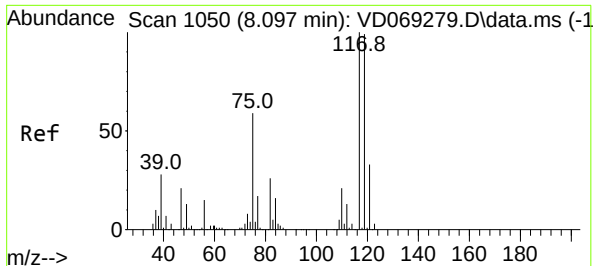
Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 24.9 37.3#

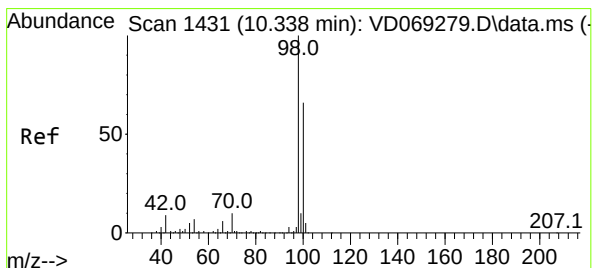
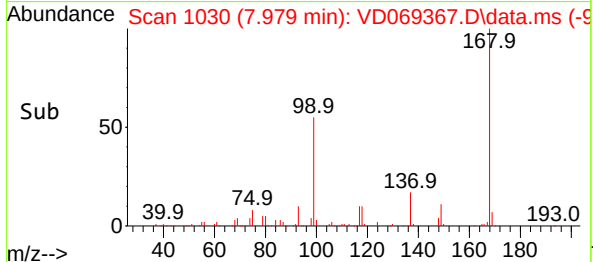
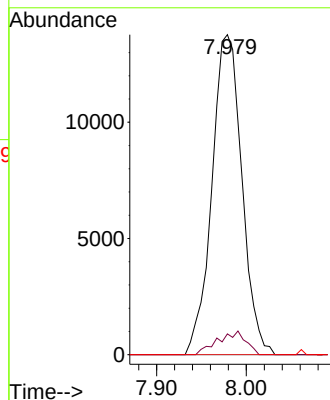
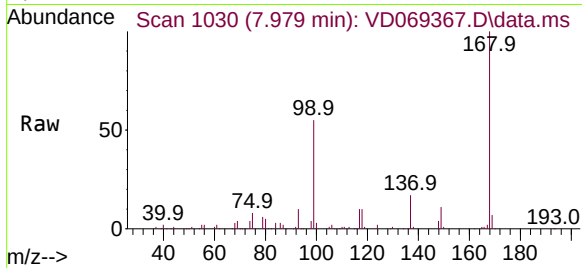




#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

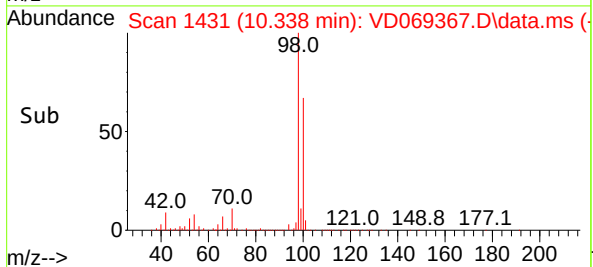
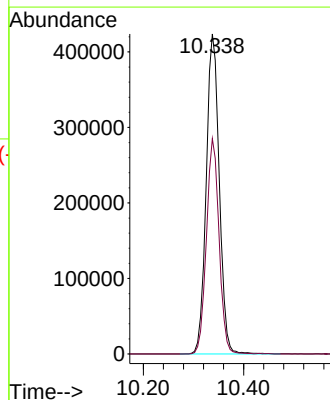
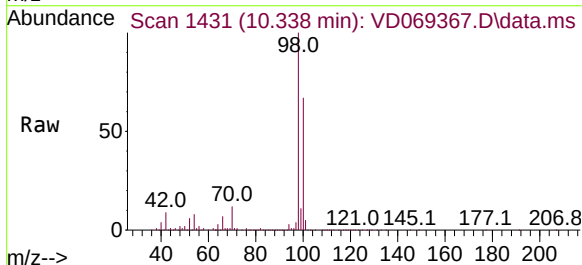
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

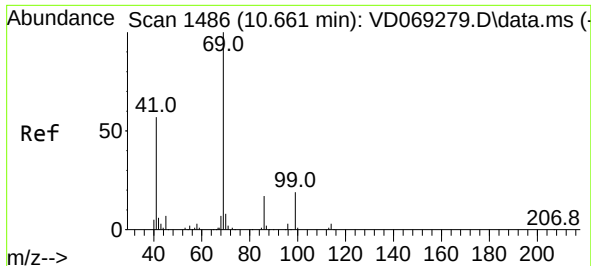
Tgt Ion:117 Resp: 31940
Ion Ratio Lower Upper
117 100
119 6.5 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 59.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 98 Resp: 765778
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

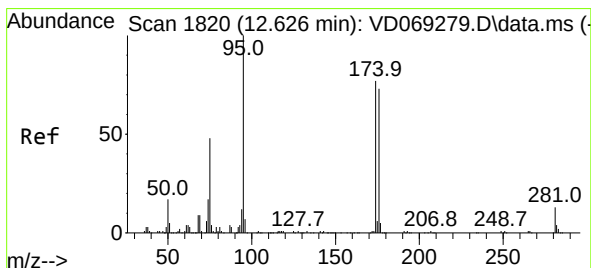
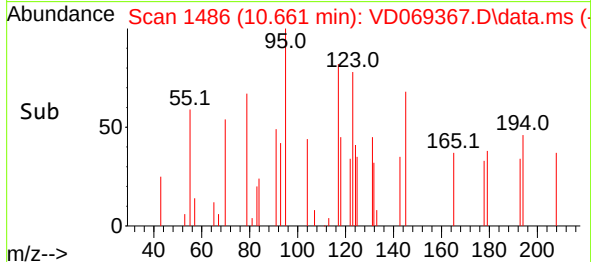
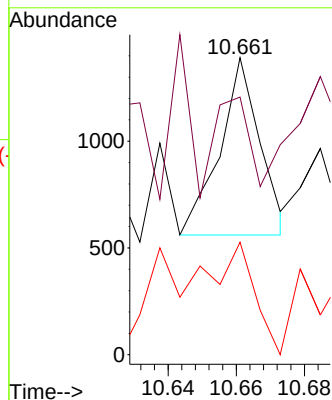
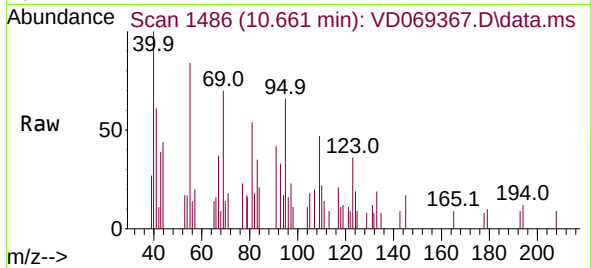




#56
Ethyl methacrylate
Concen: 2.82 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

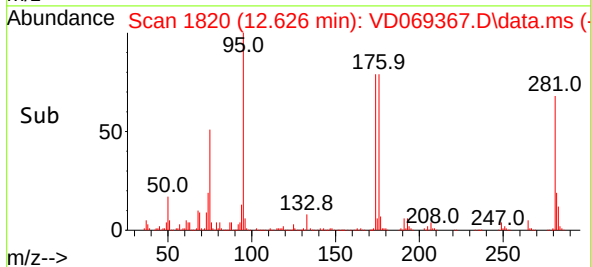
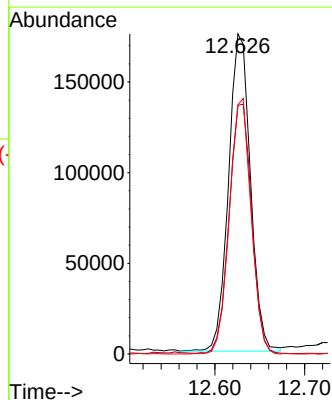
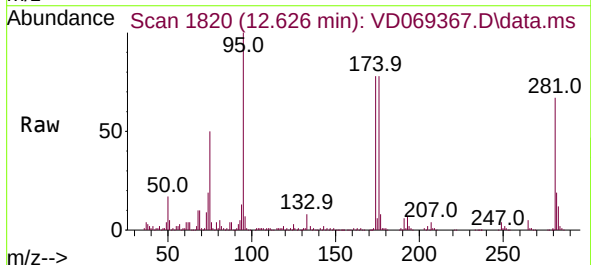
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

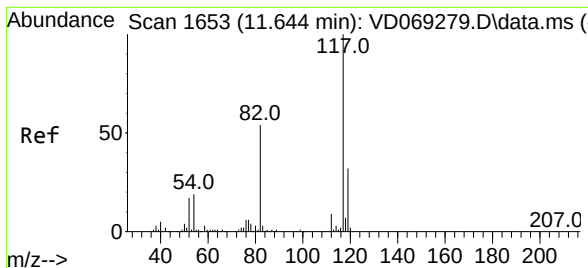
Tgt Ion: 69 Resp: 680
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 69.81 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 95 Resp: 296247
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.8
176 79.9 0.0 154.4

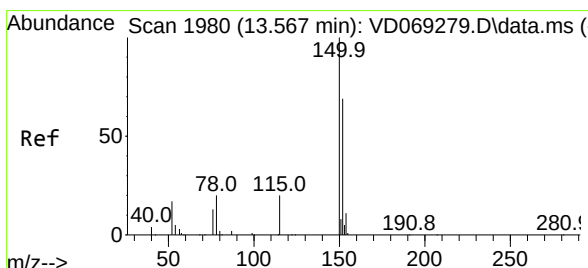
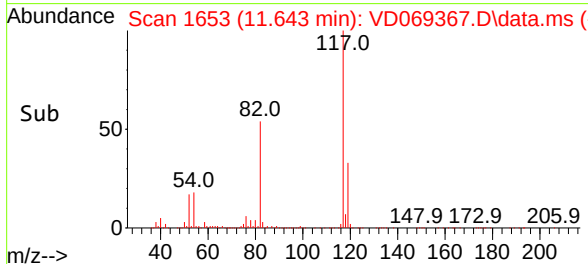
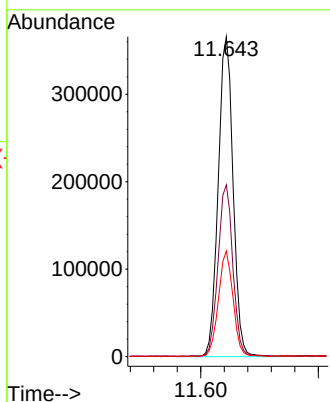
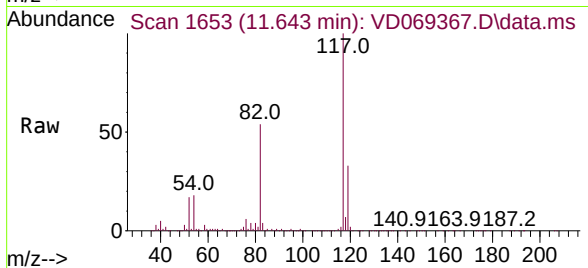




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

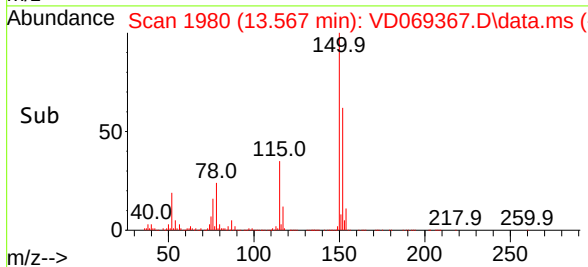
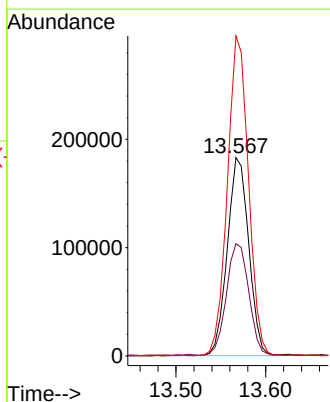
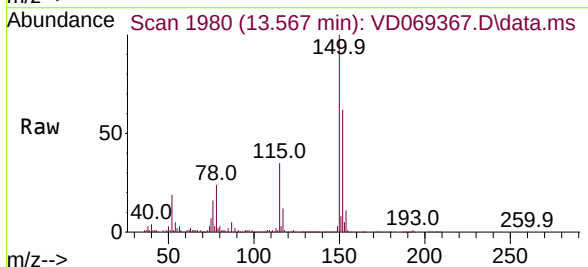
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

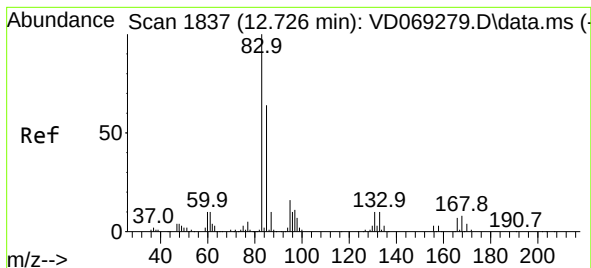
Tgt Ion:	117	Resp:	643215
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.3	64.9
119	32.9	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion:	152	Resp:	303443
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.4	88.3
150	158.6	0.0	355.0



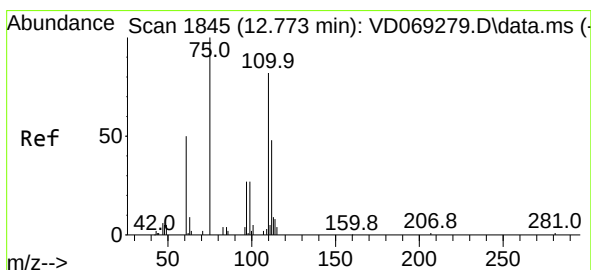
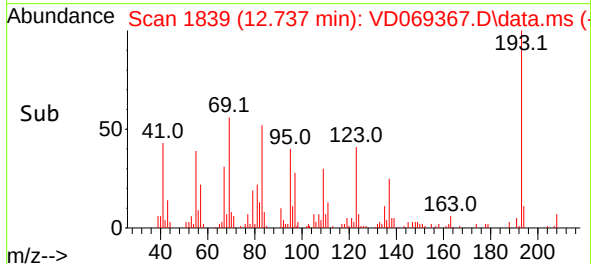
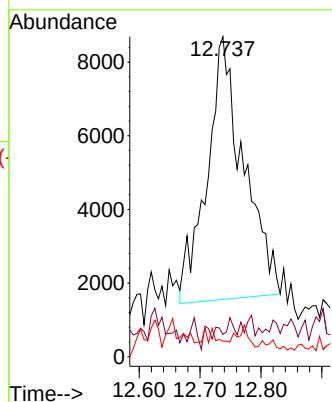
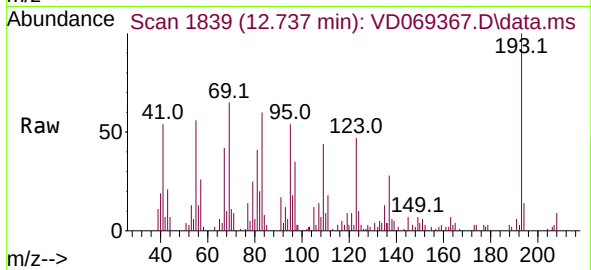


#75

1,1,2,2-Tetrachloroethane
Concen: 7.72 ug/l
RT: 12.737 min Scan# 1839
Delta R.T. 0.012 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

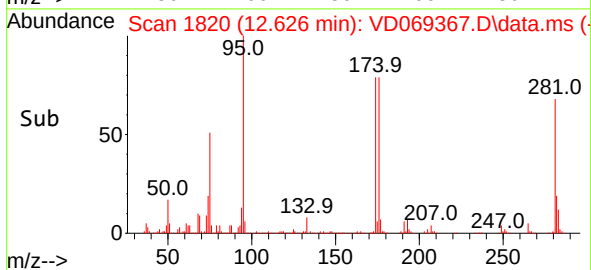
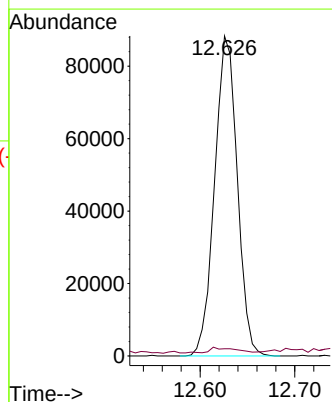
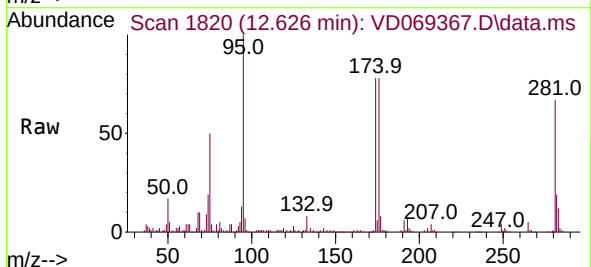
Tgt Ion: 83 Resp: 29920
Ion Ratio Lower Upper
83 100
131 1.3 5.3 16.1#
85 0.0 32.6 98.0#

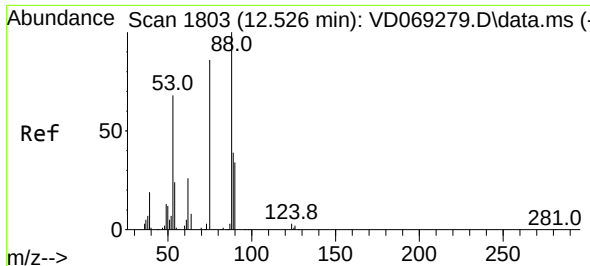


#76

1,2,3-Trichloropropane
Concen: 55.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

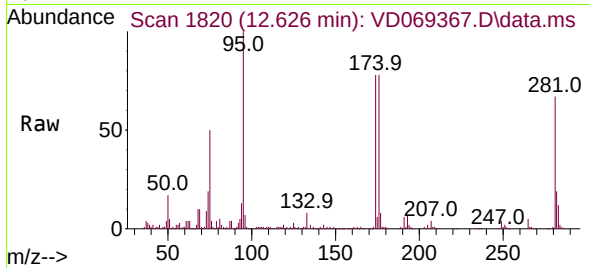
Tgt Ion: 75 Resp: 146760
Ion Ratio Lower Upper
75 100
77 2.0 183.8 551.2#



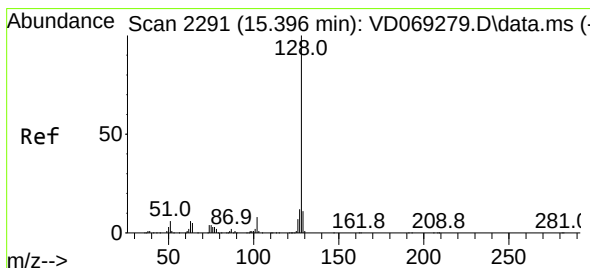
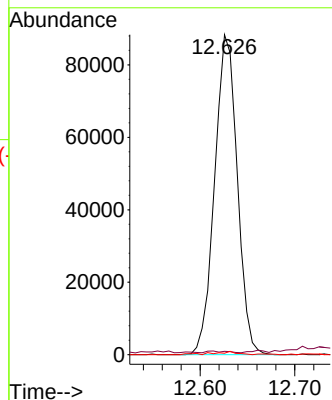
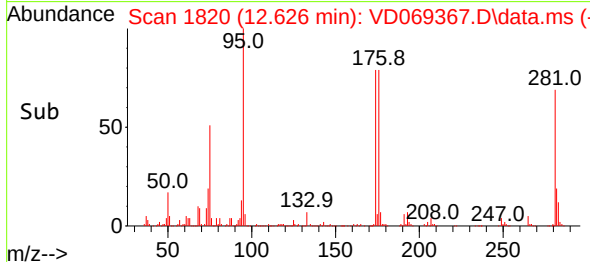


#81
trans-1,4-Dichloro-2-butene
Concen: 123.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

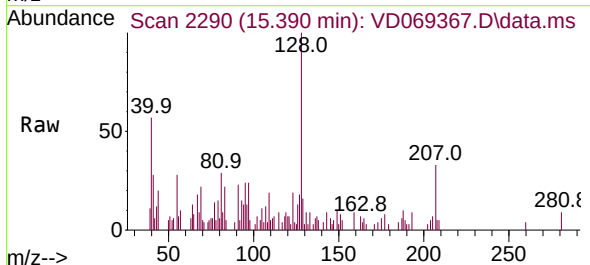
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE



Tgt Ion: 75 Resp: 146760
Ion Ratio Lower Upper
75 100
53 0.5 62.6 94.0#
89 0.8 35.6 53.4#



#95
Naphthalene
Concen: 4.27 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49



Tgt Ion: 128 Resp: 10714
Ion Ratio Lower Upper
128 100
127 19.7 10.4 15.6#
129 17.0 8.8 13.2#

