

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069157.D
 Acq On : 13 May 2021 15:12
 Operator : VA/SY
 Sample : M2367-01
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP1

Quant Time: May 14 01:21:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

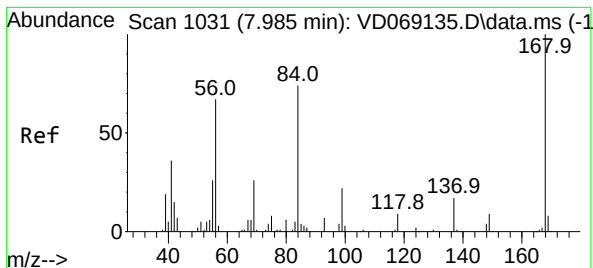
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	212874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	404333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	174533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144501	67.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.42%			
35) Dibromofluoromethane	7.920	113	150061	55.25	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.50%			
50) Toluene-d8	10.338	98	527854	52.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.80%			
62) 4-Bromofluorobenzene	12.632	95	179442	55.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.76%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.203	59	73	Below Cal	#	73
16) Acetone	4.162	43	2184	6.68	ug/l #	79
20) Methylene Chloride	4.967	84	34880	4.93	ug/l	88
31) Cyclohexane	7.973	56	5344	1.69	ug/l #	62
36) 1,1-Dichloropropene	7.985	75	17520	4.32	ug/l #	49
38) Carbon Tetrachloride	7.985	117	21406	4.72	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	2173	1.78	ug/l #	1
56) Ethyl methacrylate	10.855	69	244	1.42	ug/l #	1
59) 2-Hexanone	10.873	43	1548	1.90	ug/l #	19
71) Bromoform	12.626	173	1761	1.07	ug/l #	28
76) 1,2,3-Trichloropropane	12.632	75	97775	74.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	97775	150.54	ug/l #	15
95) Naphthalene	15.402	128	286	2.09	ug/l #	69

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

Quant Time: May 14 01:21:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

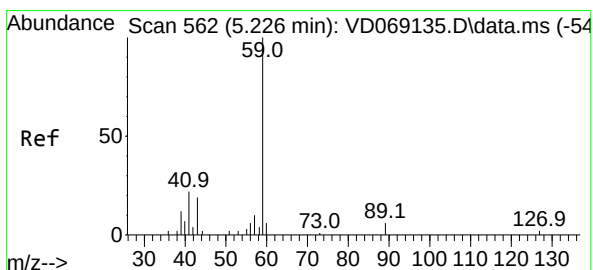
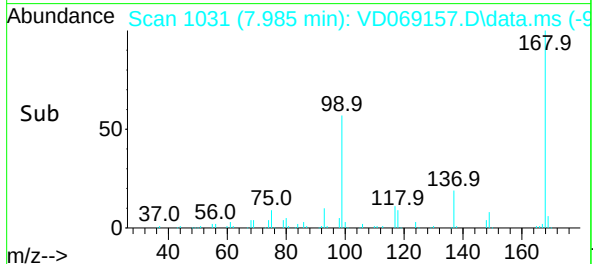
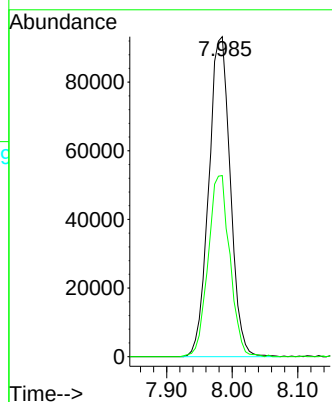
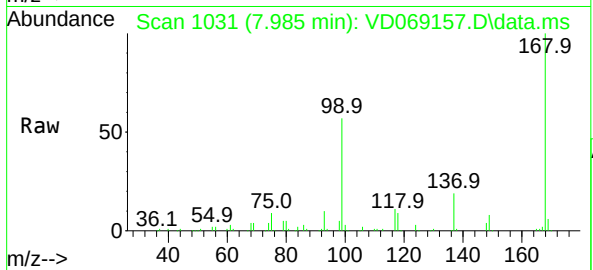




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

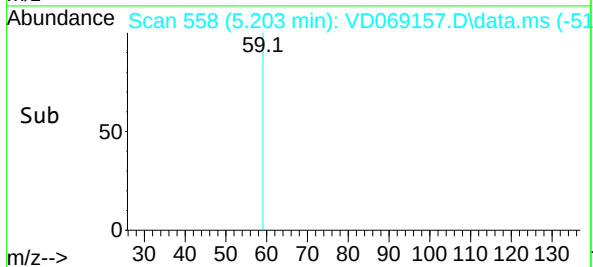
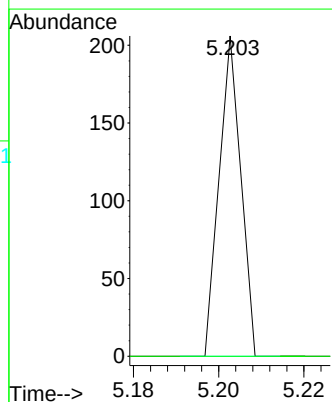
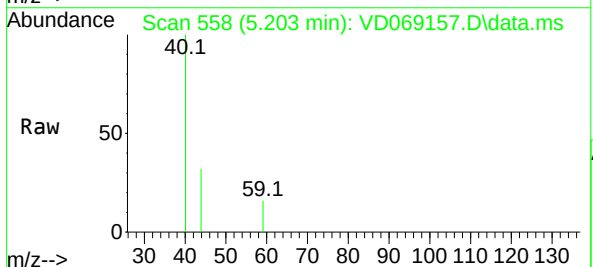
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

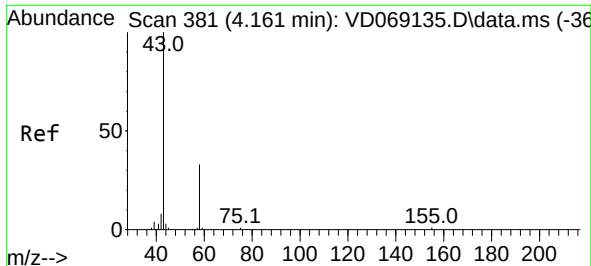
Tgt Ion:168 Resp: 212874
Ion Ratio Lower Upper
168 100
99 56.6 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

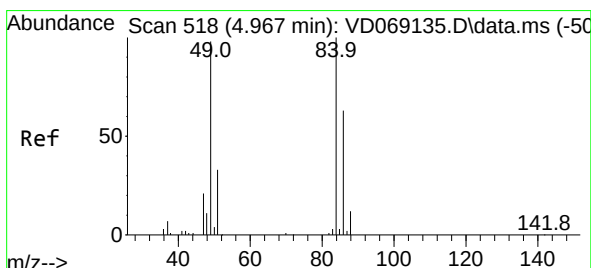
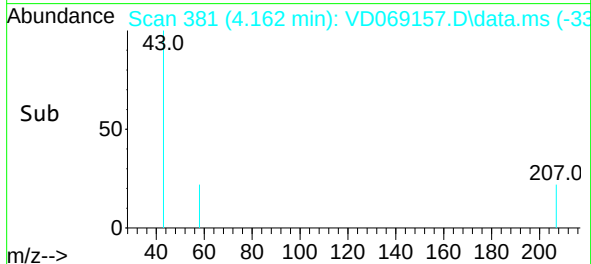
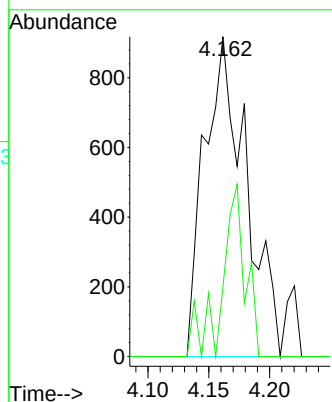
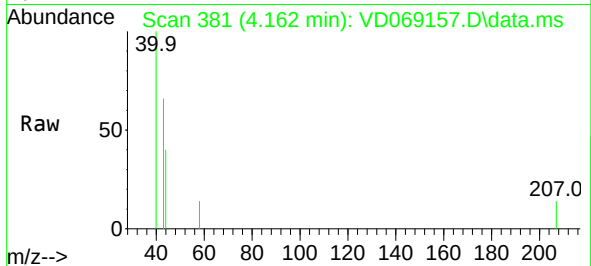




#16
Acetone
Concen: 6.68 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

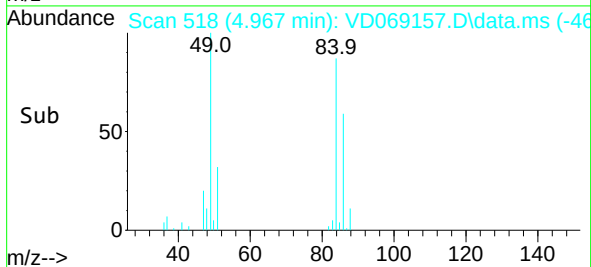
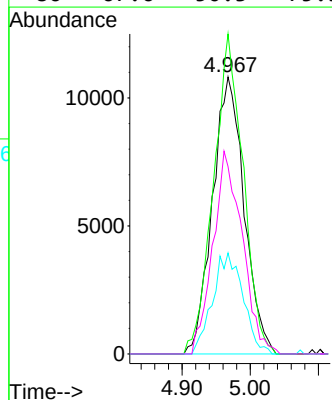
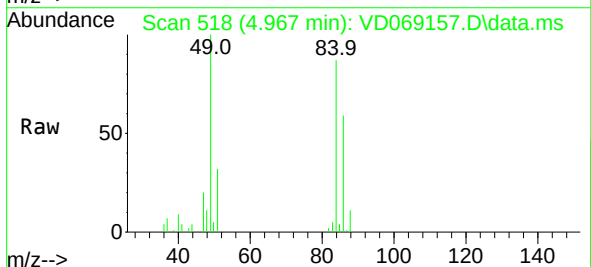
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

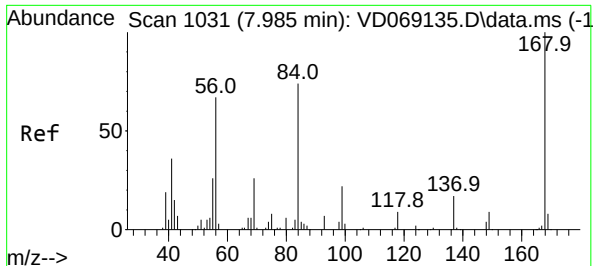
Tgt Ion: 43 Resp: 2184
Ion Ratio Lower Upper
43 100
58 21.7 26.7 40.1#



#20
Methylene Chloride
Concen: 4.93 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 84 Resp: 34880
Ion Ratio Lower Upper
84 100
49 115.5 78.6 117.8
51 36.4 26.7 40.1
86 67.6 50.3 75.5

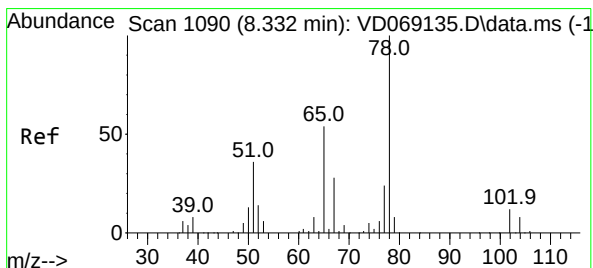
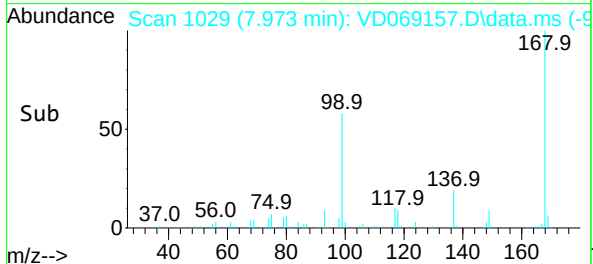
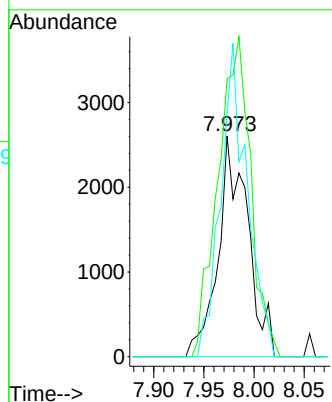
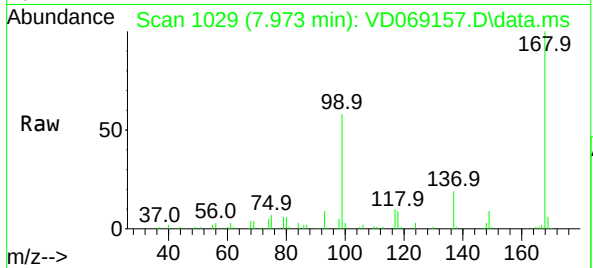




#31
Cyclohexane
Concen: 1.69 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

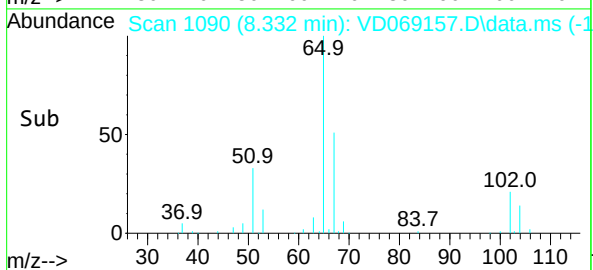
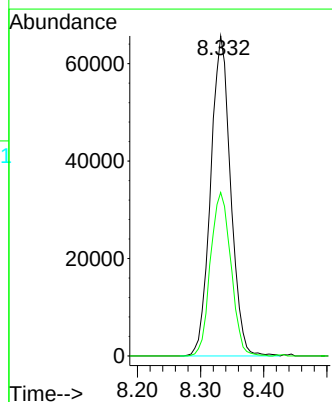
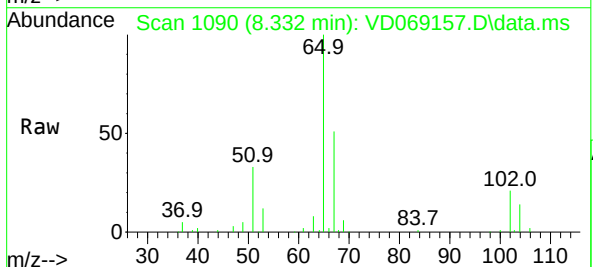
Instrument :
MSVOA_D
ClientSampled :
PV-SP1

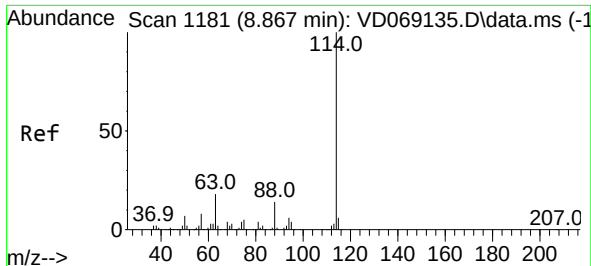
Tgt Ion: 56 Resp: 5344
Ion Ratio Lower Upper
56 100
69 126.1 30.6 46.0#
84 110.6 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 67.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

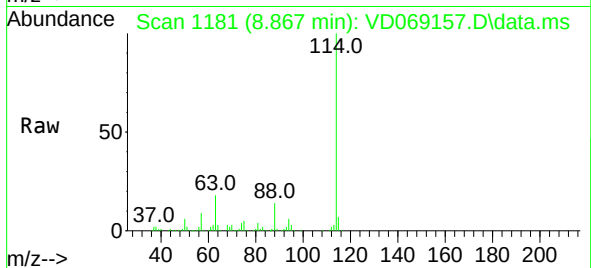
Tgt Ion: 65 Resp: 144501
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



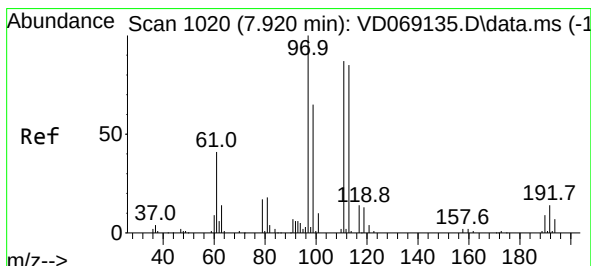
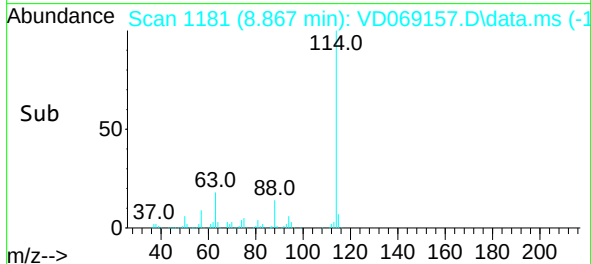
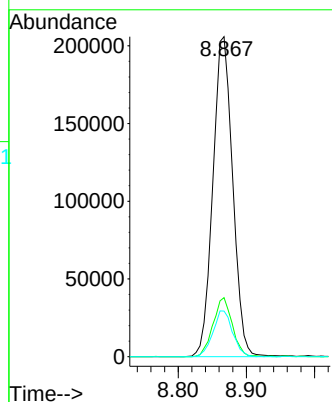


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Instrument :
MSVOA_D
ClientSampled :
PV-SP1

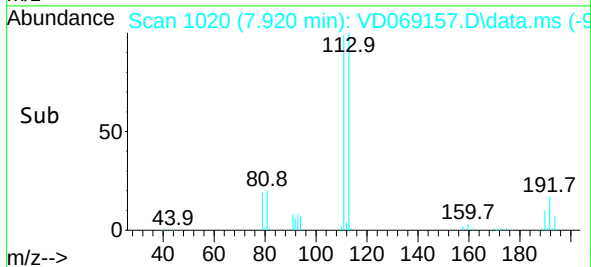
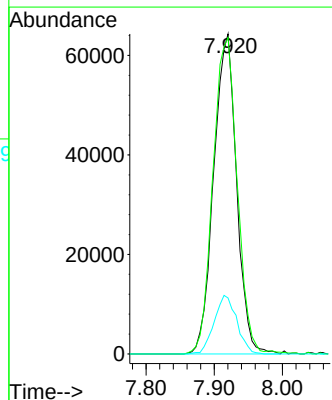
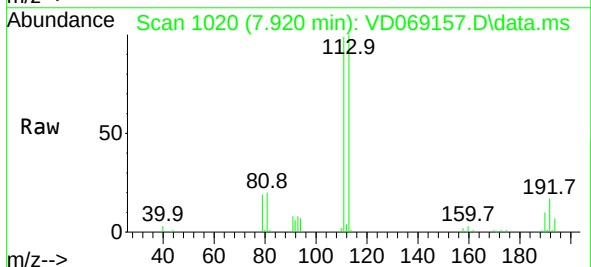


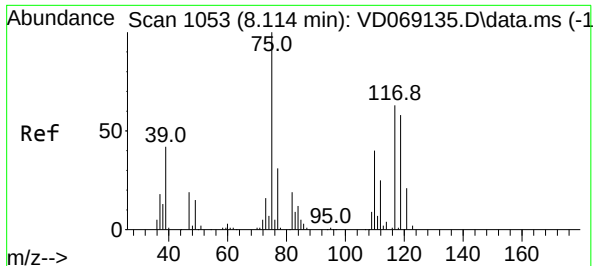
Tgt Ion:114 Resp: 417335
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 14.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion:113 Resp: 150061
Ion Ratio Lower Upper
113 100
111 104.8 80.6 120.8
192 18.1 14.8 22.2

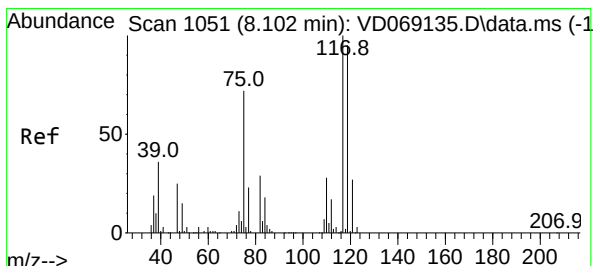
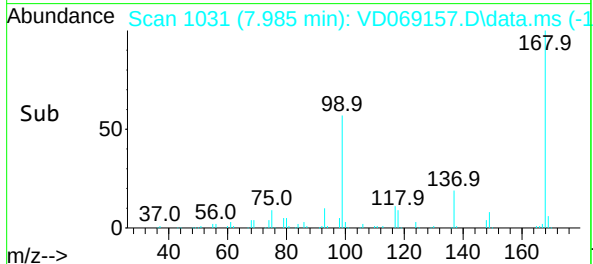
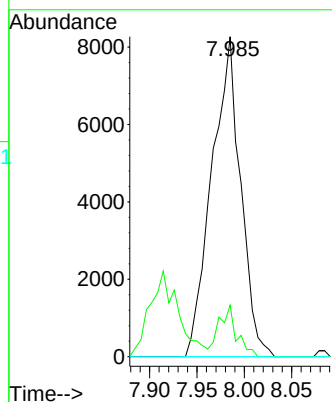
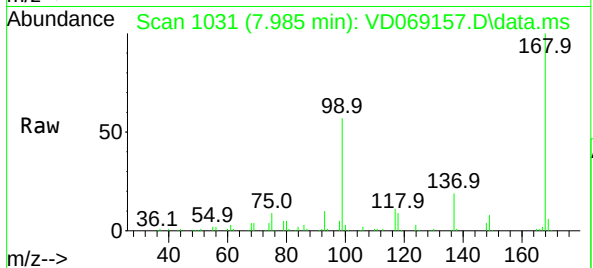




#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

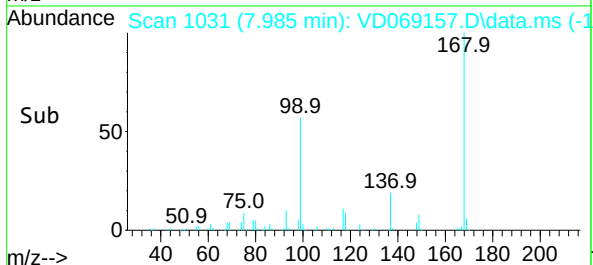
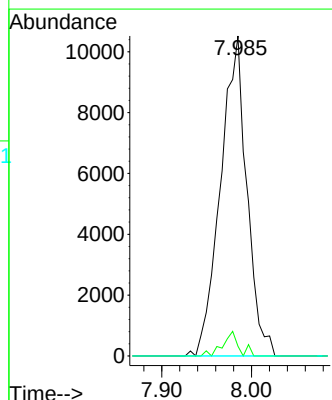
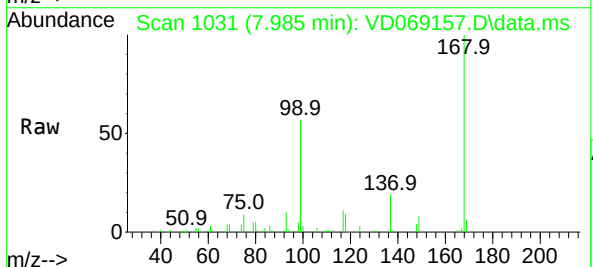
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

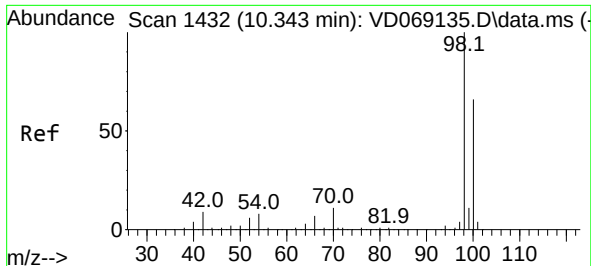
Tgt Ion: 75 Resp: 17520
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 117 Resp: 21406
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 21.9 32.9#

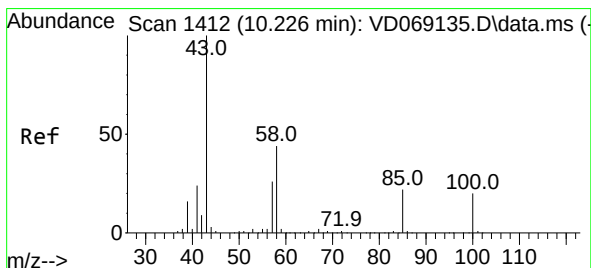
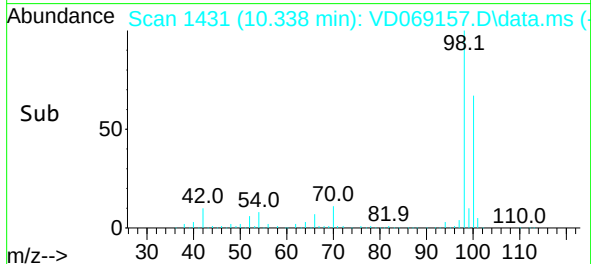
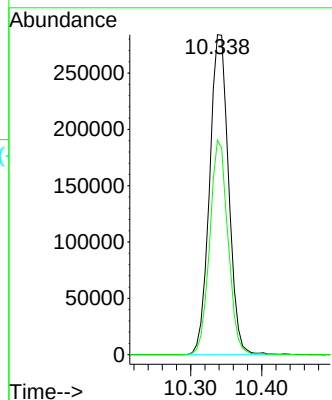
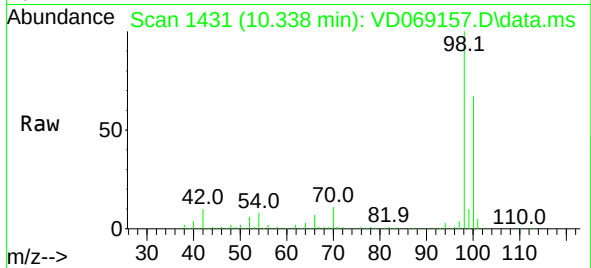




#50
Toluene-d8
Concen: 52.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

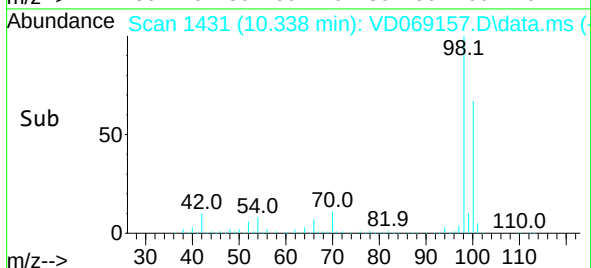
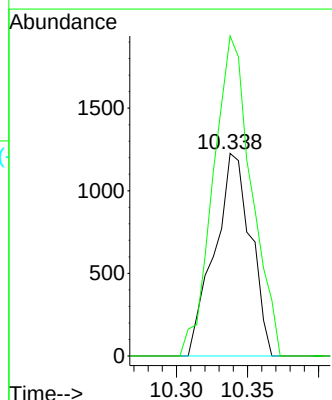
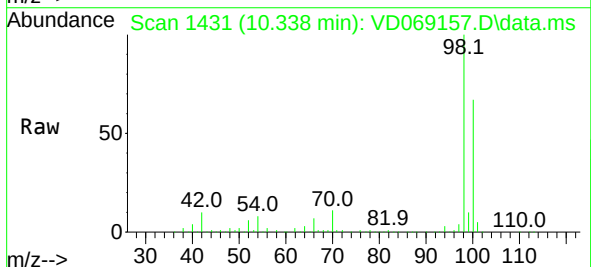
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ClientSampleId :
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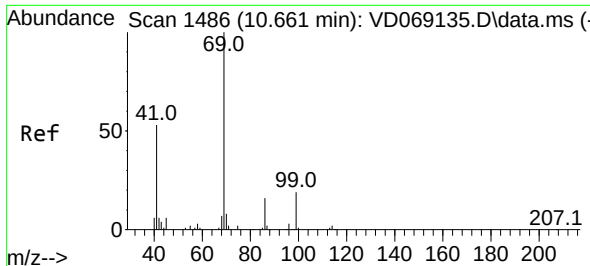
Tgt Ion: 98 Resp: 527854
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 166.9 35.0 52.4#

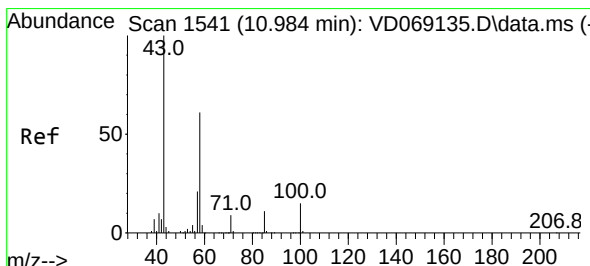
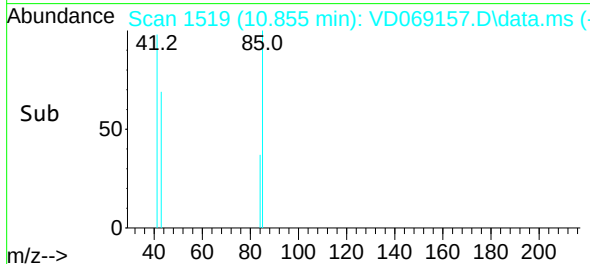
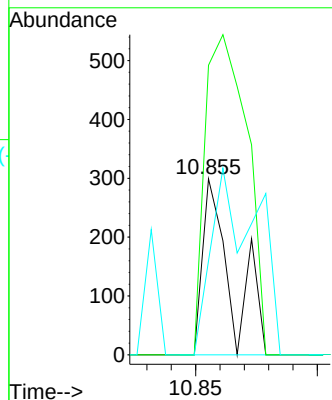
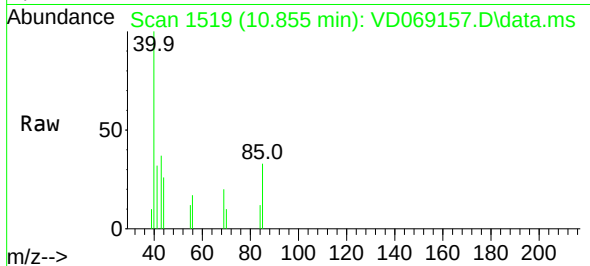




#56
Ethyl methacrylate
Concen: 1.42 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. 0.194 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

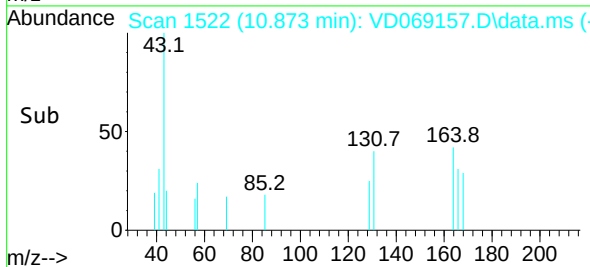
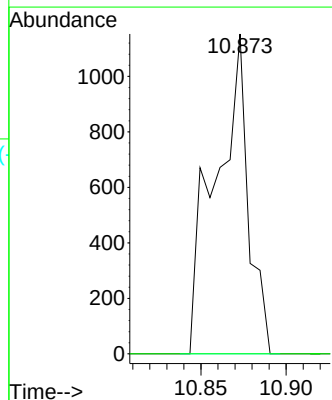
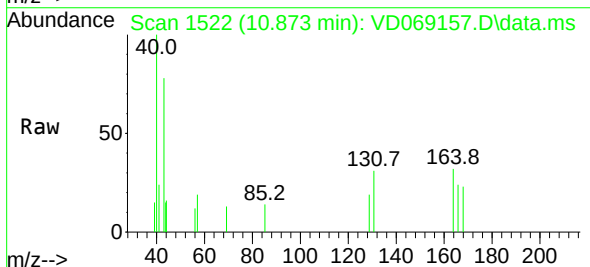
Instrument :
MSVOA_D
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PV-SP1

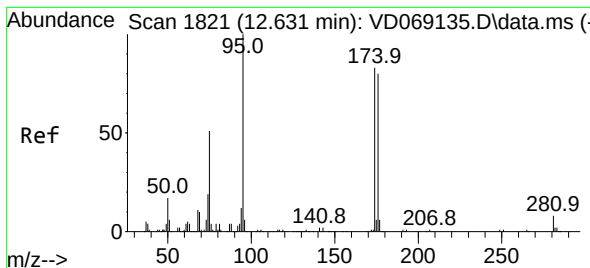
Tgt Ion: 69 Resp: 244
Ion Ratio Lower Upper
69 100
41 267.6 42.2 63.2#
39 166.0 26.3 39.5#



#59
2-Hexanone
Concen: 1.90 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.111 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

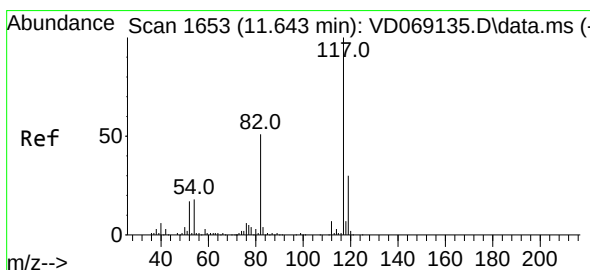
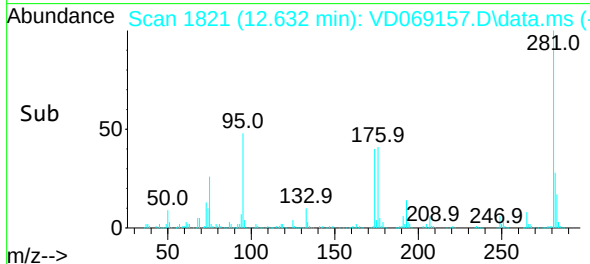
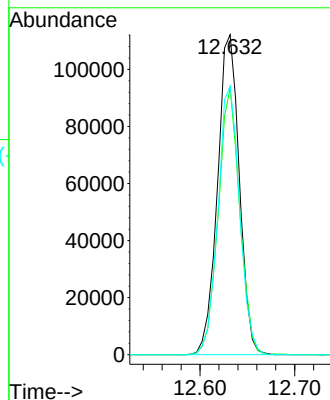
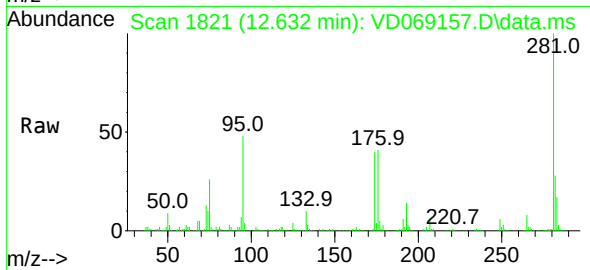




#62
4-Bromofluorobenzene
Concen: 55.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

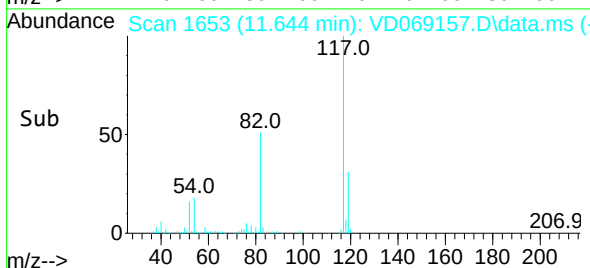
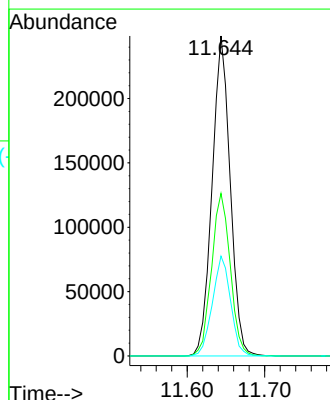
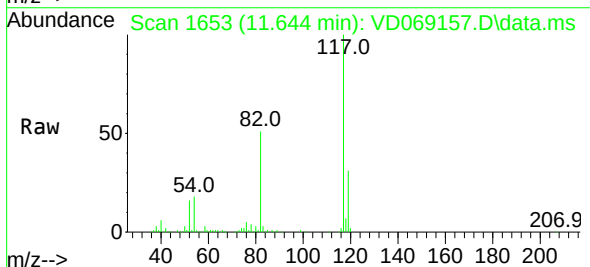
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

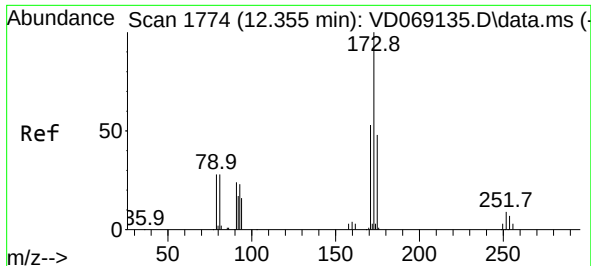
Tgt Ion: 95 Resp: 179442
Ion Ratio Lower Upper
95 100
174 81.6 0.0 171.8
176 83.6 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 117 Resp: 404333
Ion Ratio Lower Upper
117 100
82 50.8 40.5 60.7
119 31.2 24.2 36.4

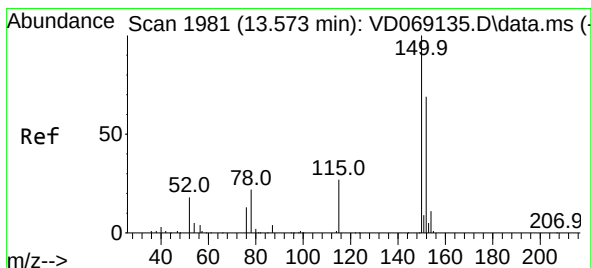
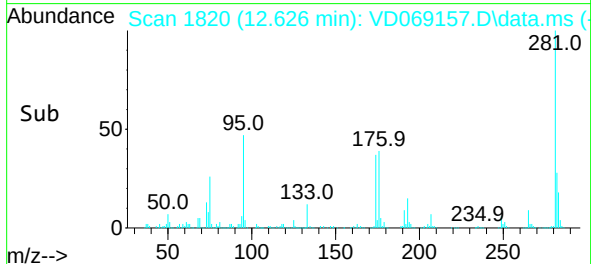
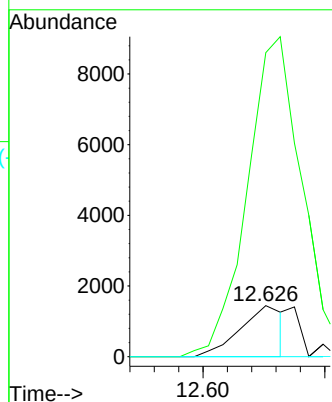
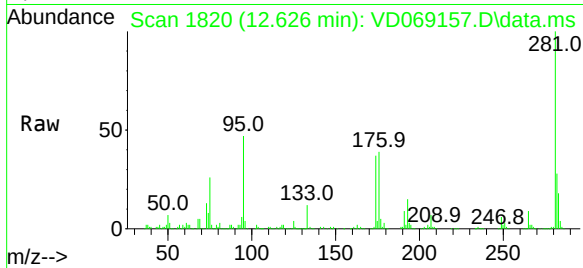




#71
Bromoform
Concen: 1.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

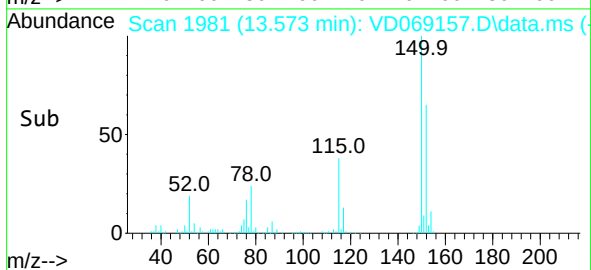
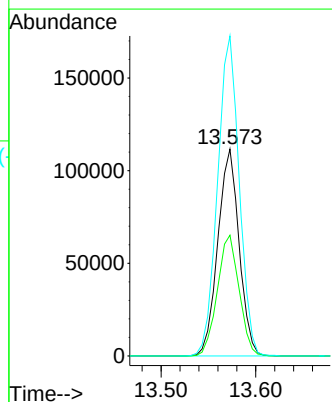
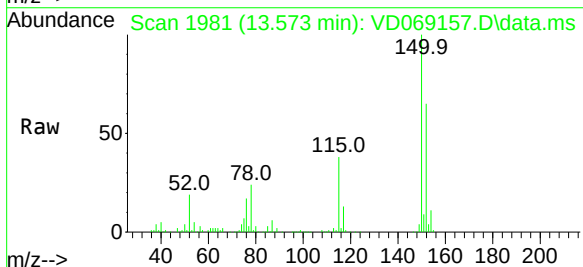
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

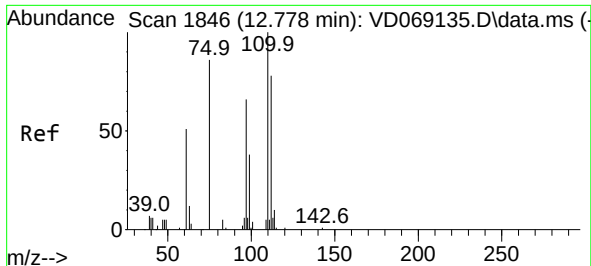
Tgt Ion:173 Resp: 1761
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion:152 Resp: 174533
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.8
150 157.1 0.0 350.2

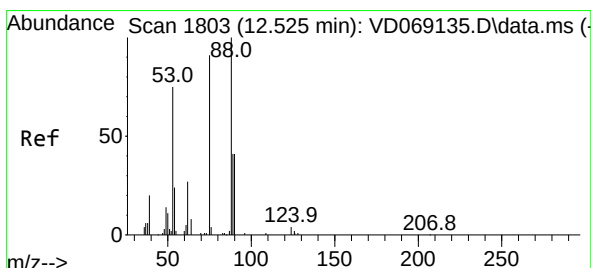
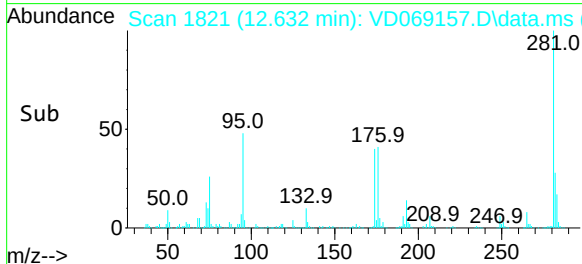
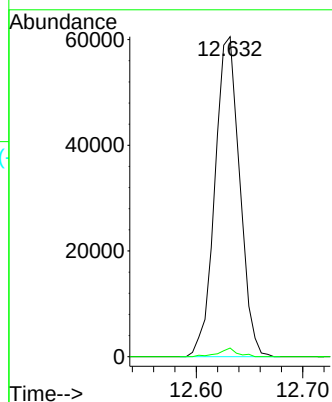
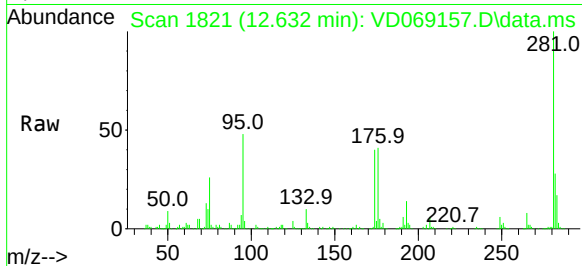




#76
1,2,3-Trichloropropane
Concen: 74.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

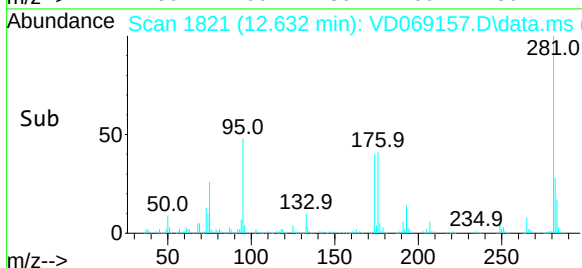
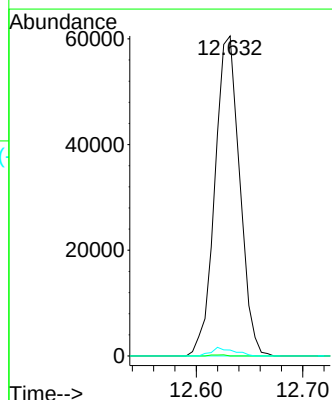
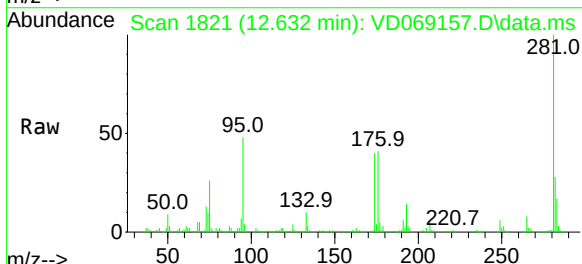
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

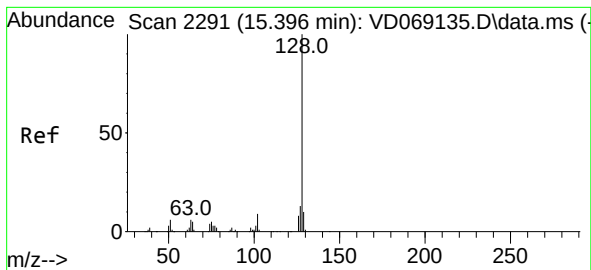
Tgt Ion: 75 Resp: 97775
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

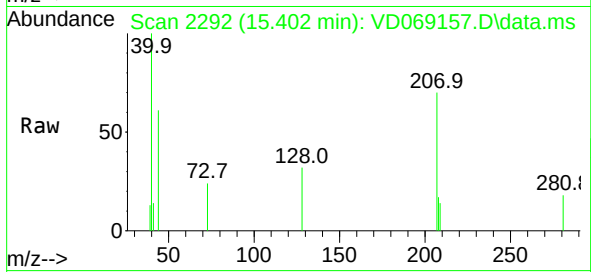
Tgt Ion: 75 Resp: 97775
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 2.4 40.2 60.2#





#95
Naphthalene
Concen: 2.09 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
PV-SP1



Tgt Ion:128 Resp: 286
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

