

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069123.D
 Acq On : 10 May 2021 15:16
 Operator : VA/SY
 Sample : M2309-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-TP1

Quant Time: May 11 01:03:32 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)

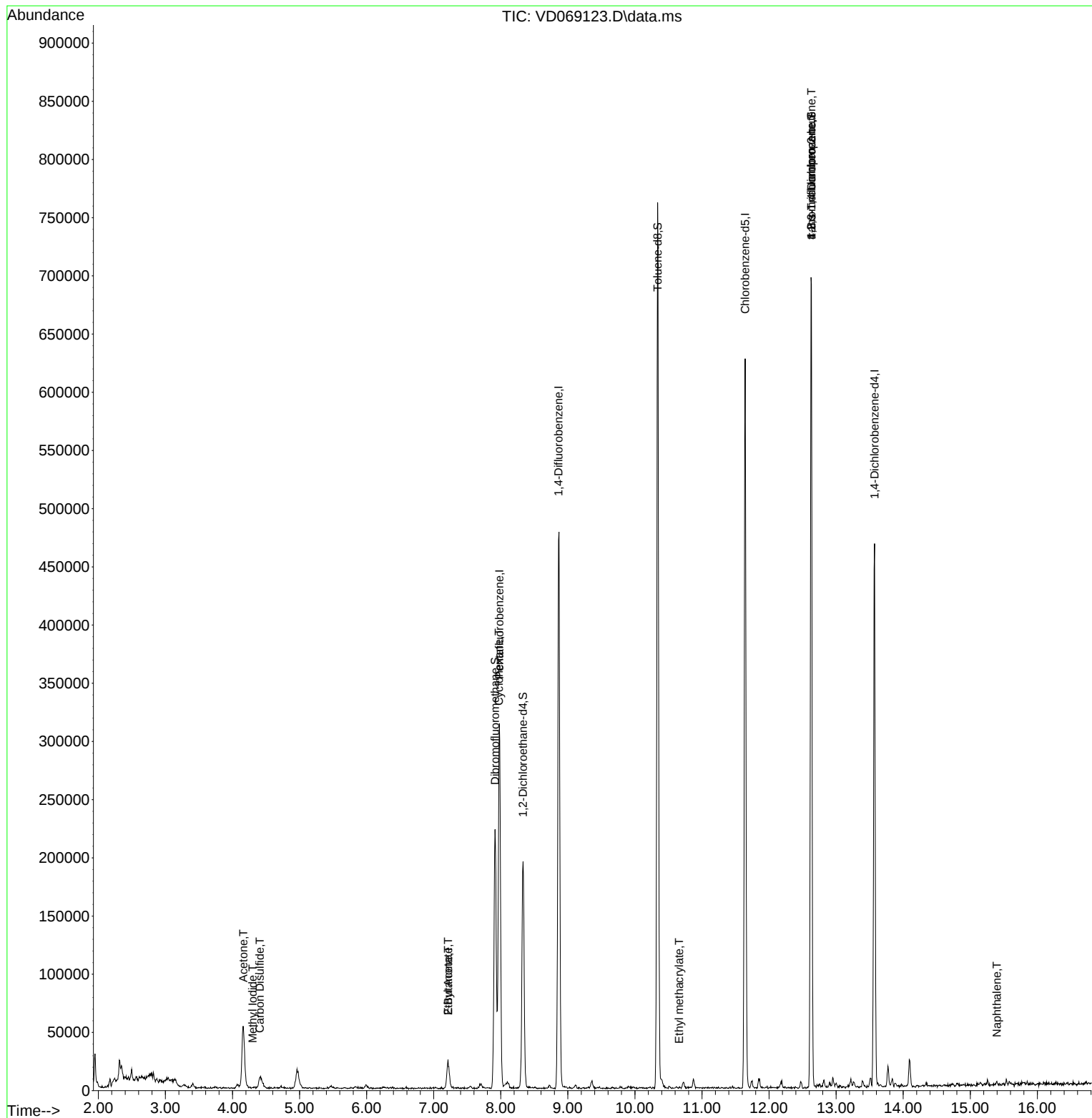
Internal Standards						
1) Pentafluorobenzene	7.979	168	233891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	426001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	369434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	126924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154844	51.37	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.74%			
35) Dibromofluoromethane	7.914	113	157219	53.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.64%			
50) Toluene-d8	10.338	98	521389	48.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.68%			
62) 4-Bromofluorobenzene	12.632	95	142849	40.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.54%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	637	3.41	ug/l #	58
11) Tert butyl alcohol	5.232	59	373	Below Cal	#	81
16) Acetone	4.161	43	92806	215.87	ug/l	97
17) Carbon Disulfide	4.408	76	18480	2.23	ug/l	95
20) Methylene Chloride	4.961	84	13240	Below Cal		87
25) 2-Butanone	7.214	43	29508	45.79	ug/l	90
31) Cyclohexane	7.973	56	7493	1.71	ug/l #	58
37) Ethyl Acetate	7.214	43	29508	17.46	ug/l #	69
56) Ethyl methacrylate	10.661	69	167	2.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	74047	67.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	74047	145.82	ug/l #	10
95) Naphthalene	15.396	128	2230	3.32	ug/l #	95

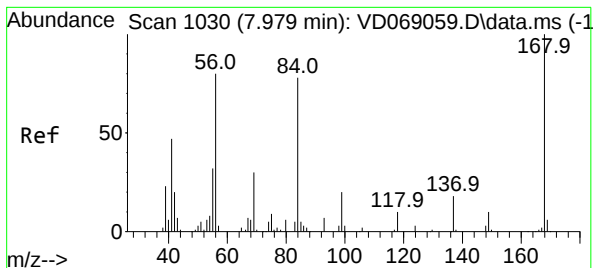
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
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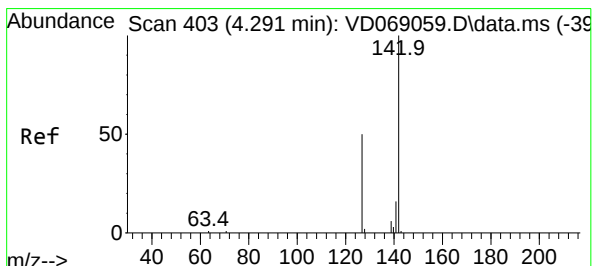
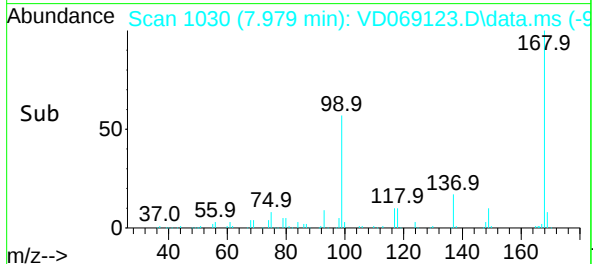
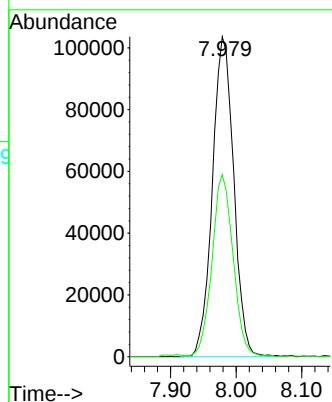
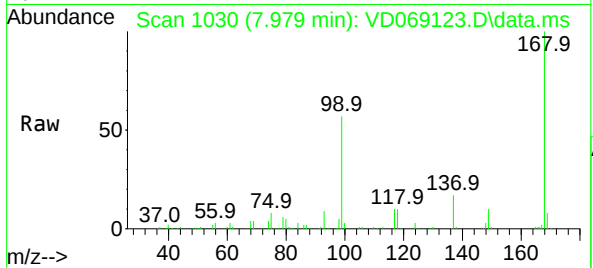




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

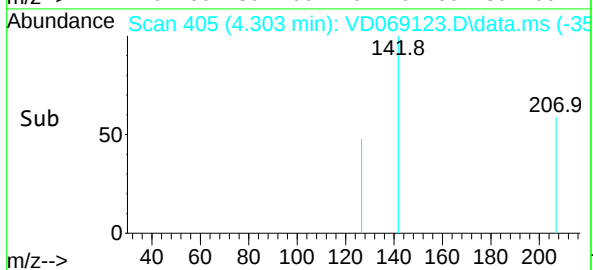
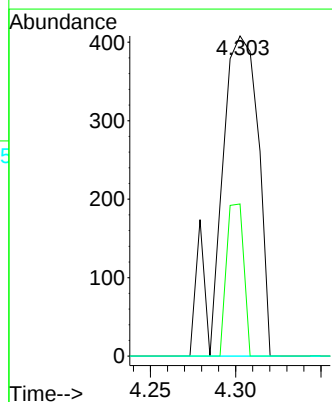
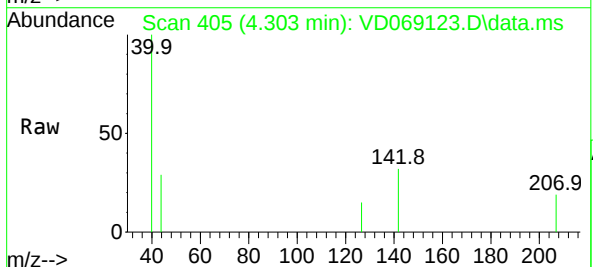
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

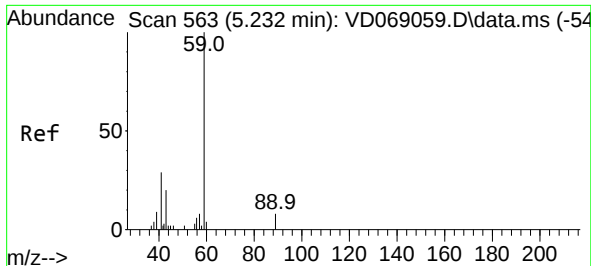
Tgt Ion:168 Resp: 233891
Ion Ratio Lower Upper
168 100
99 56.9 52.6 78.8



#10
Methyl Iodide
Concen: 3.41 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion:142 Resp: 637
Ion Ratio Lower Upper
142 100
127 21.4 41.6 62.4#
141 0.0 12.2 18.4#



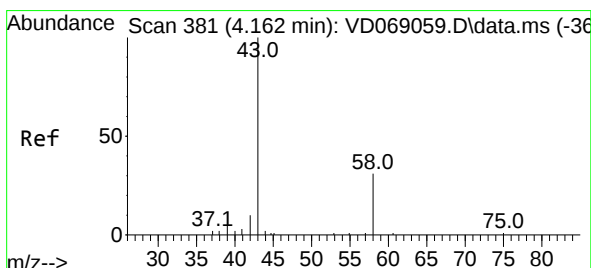
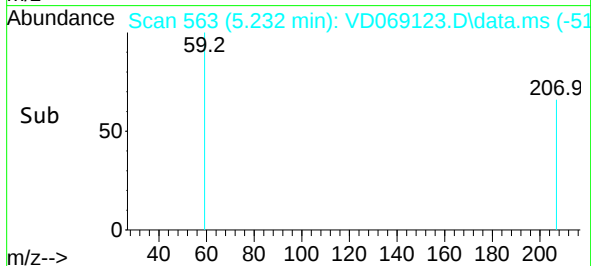
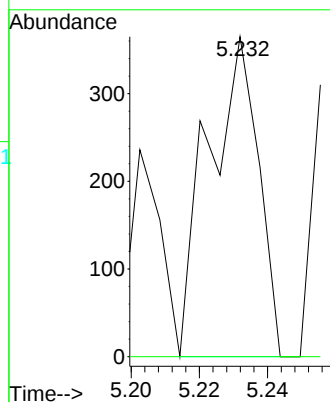
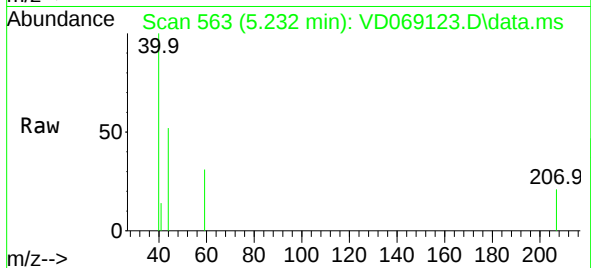


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

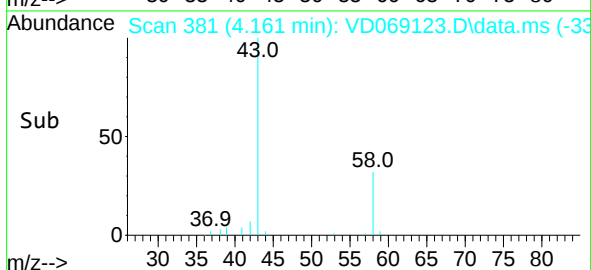
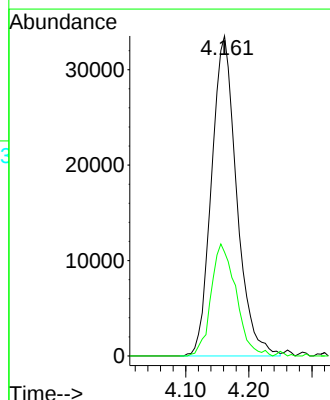
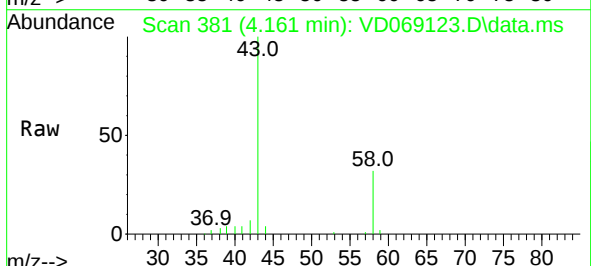
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

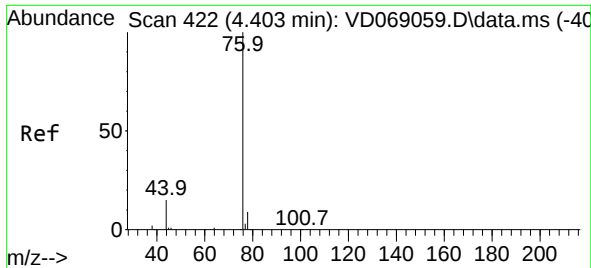


#16

Acetone
Concen: 215.87 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.001 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 43 Resp: 92806
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7

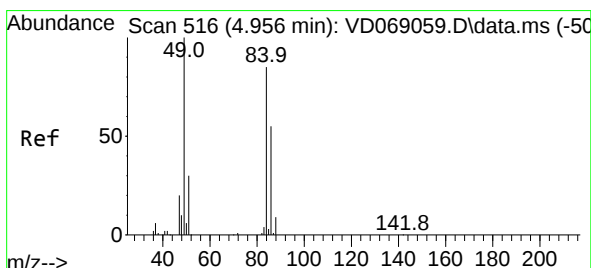
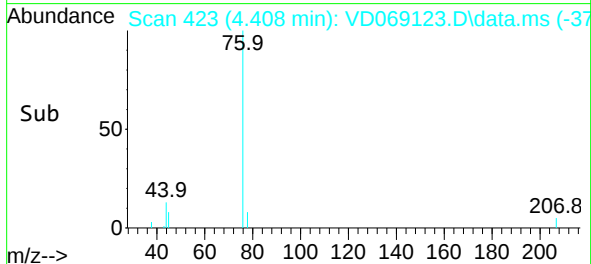
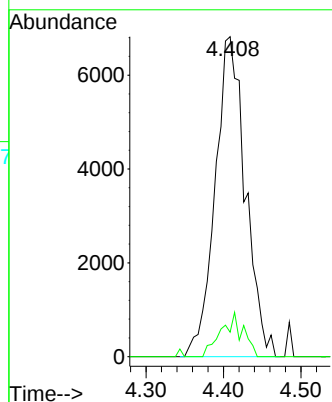
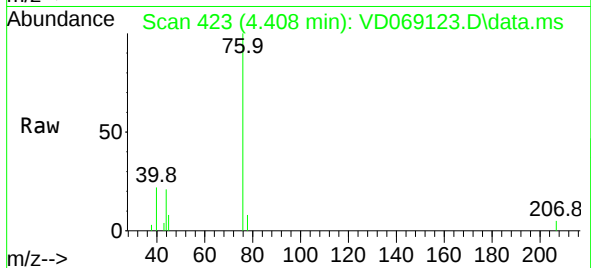




#17
Carbon Disulfide
Concen: 2.23 ug/l
RT: 4.408 min Scan# 423
Delta R.T. 0.006 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

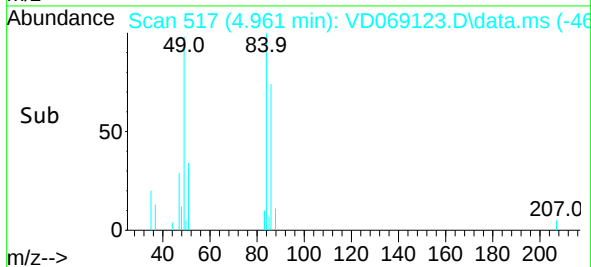
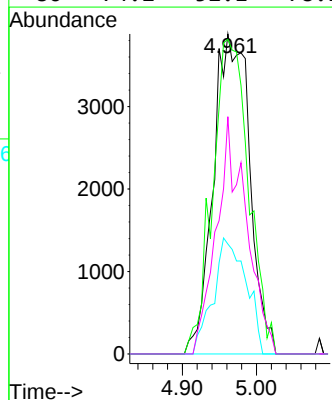
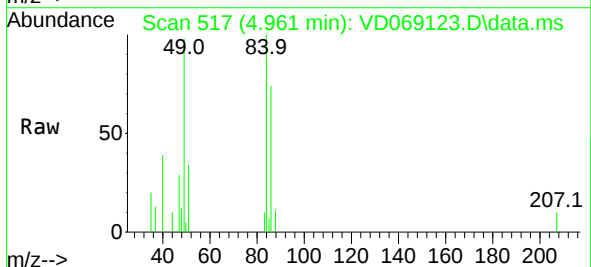
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

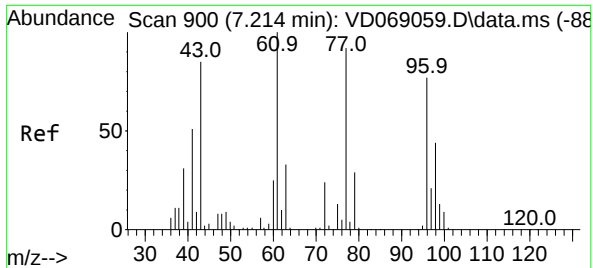
Tgt Ion: 76 Resp: 18480
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 84 Resp: 13240
Ion Ratio Lower Upper
84 100
49 98.3 93.9 140.9
51 34.4 27.9 41.9
86 74.2 52.1 78.1

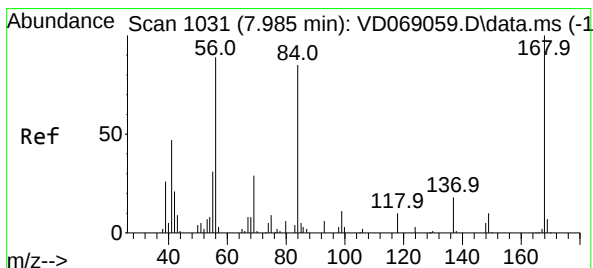
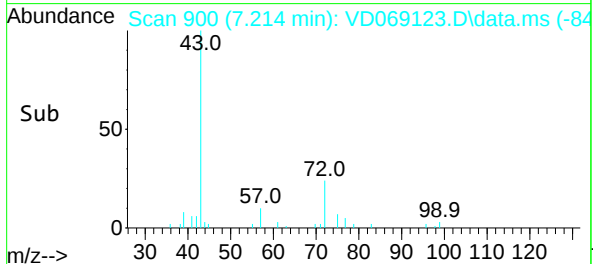
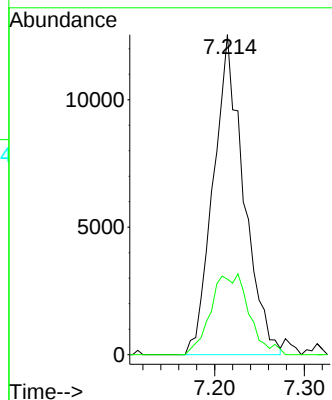
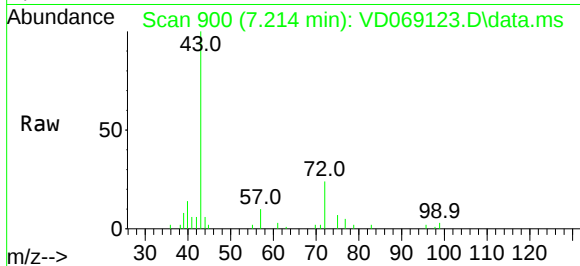




#25
2-Butanone
Concen: 45.79 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

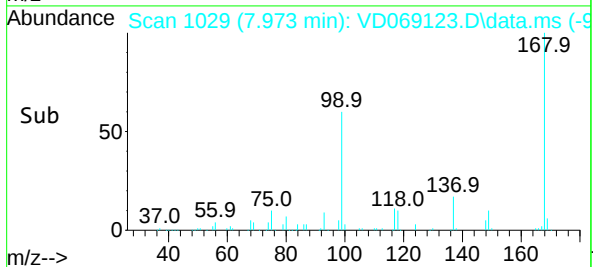
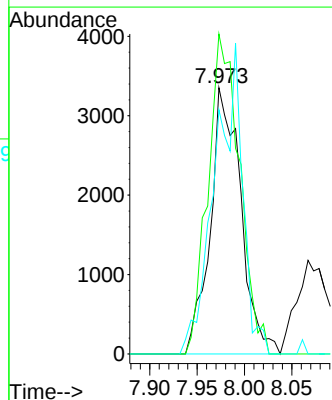
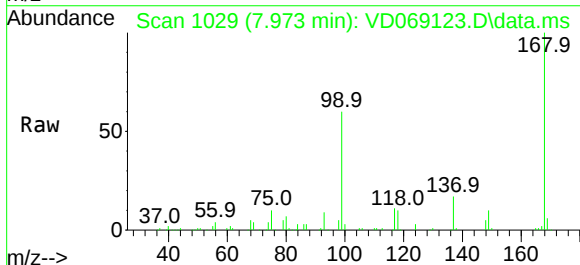
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

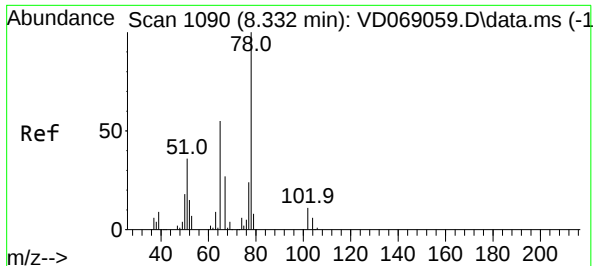
Tgt Ion: 43 Resp: 29508
Ion Ratio Lower Upper
43 100
72 23.6 23.0 34.4



#31
Cyclohexane
Concen: 1.71 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 56 Resp: 7493
Ion Ratio Lower Upper
56 100
69 120.2 26.3 39.5#
84 91.7 75.9 113.9

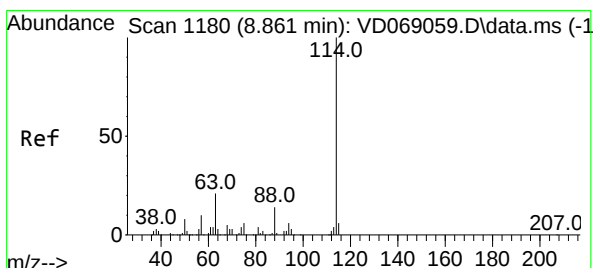
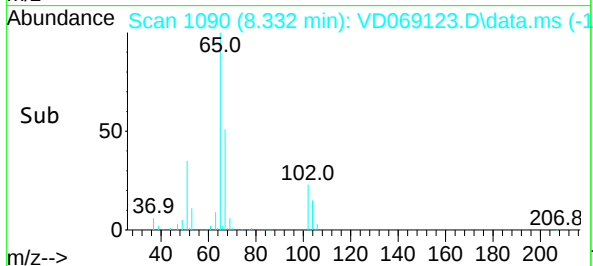
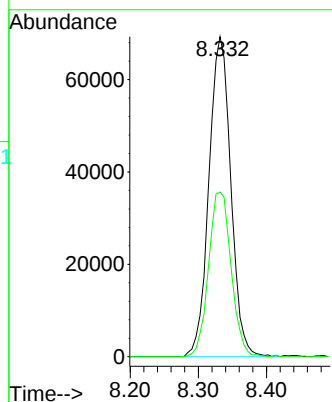
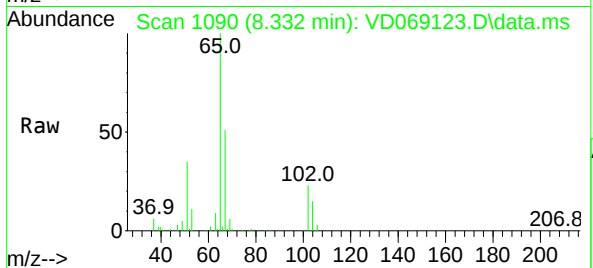




#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

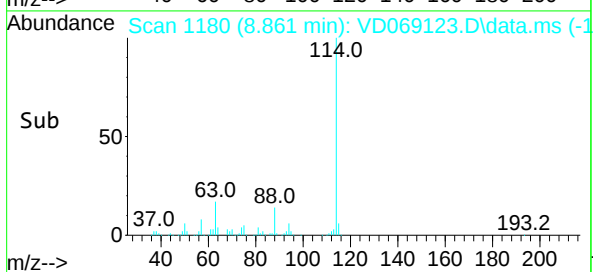
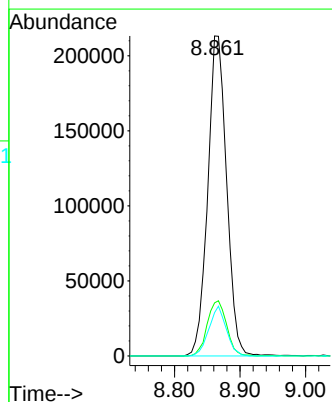
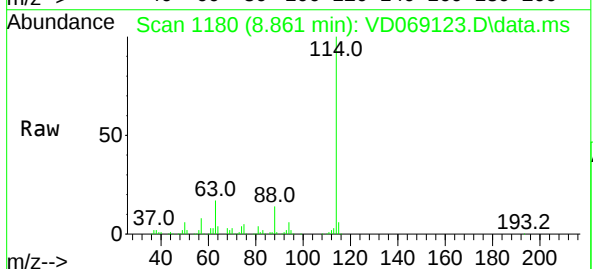
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

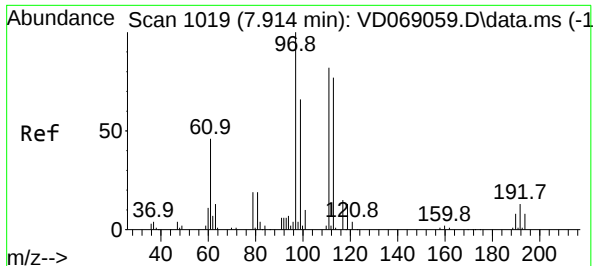
Tgt Ion: 65 Resp: 154844
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 114 Resp: 426001
Ion Ratio Lower Upper
114 100
63 16.6 0.0 41.4
88 13.6 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.82 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069123.D

Acq: 10 May 2021 15:16

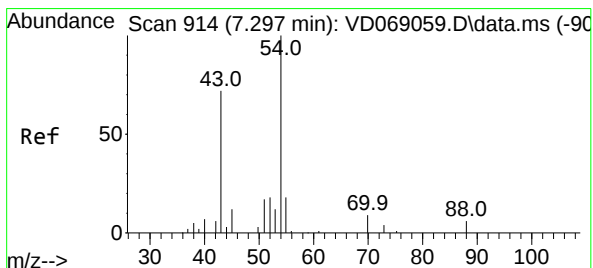
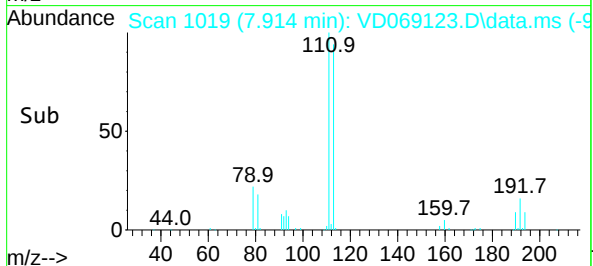
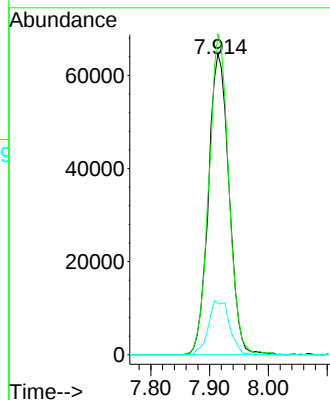
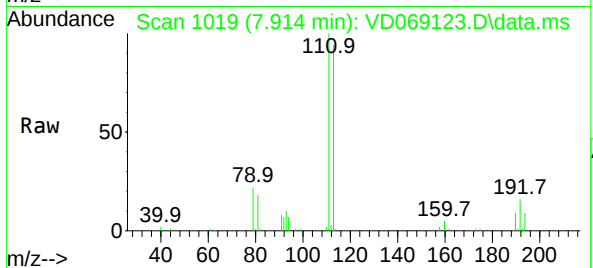
Tgt Ion:113 Resp: 157219

Ion Ratio Lower Upper

113 100

111 102.4 84.6 126.8

192 18.3 13.5 20.3



#37

Ethyl Acetate

Concen: 17.46 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.083 min

Lab File: VD069123.D

Acq: 10 May 2021 15:16

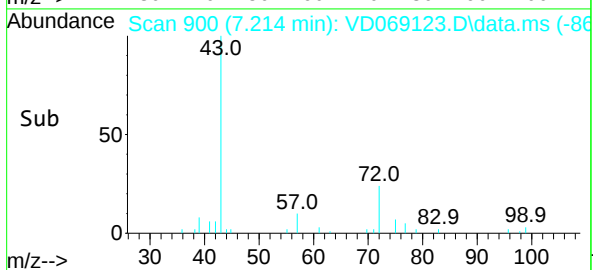
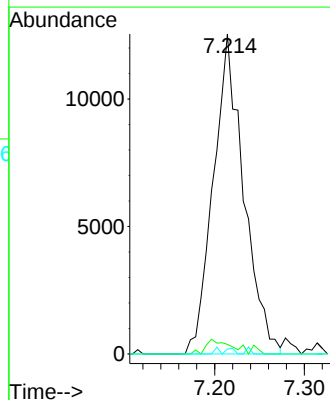
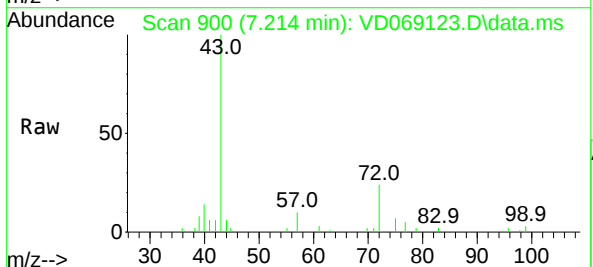
Tgt Ion: 43 Resp: 29508

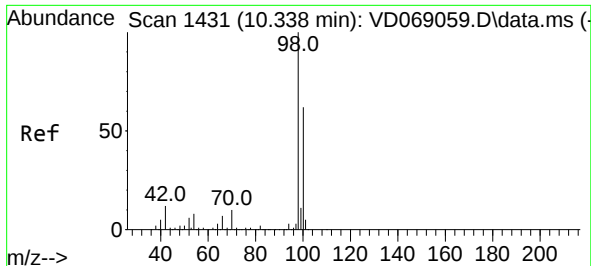
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.5 8.5 12.7#

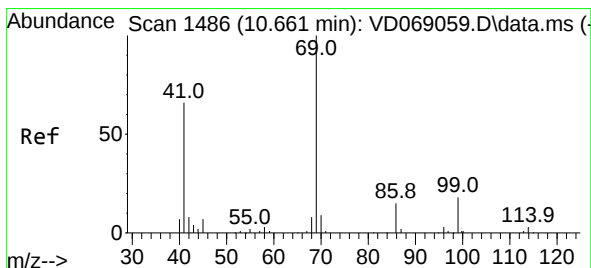
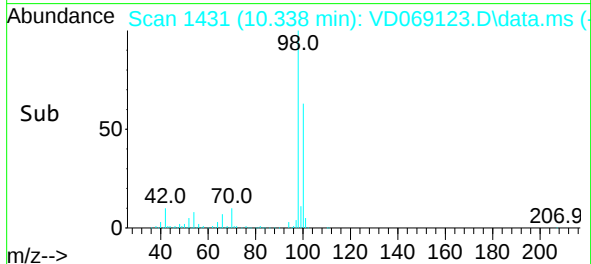
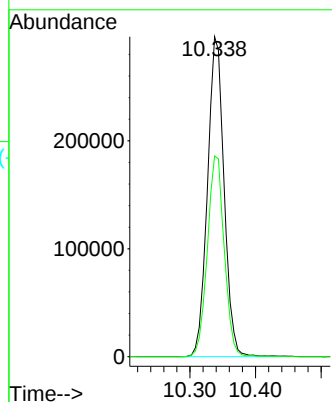
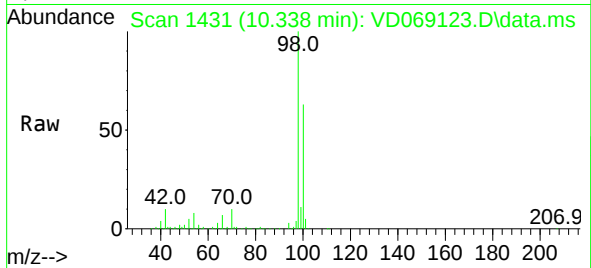




#50
Toluene-d8
Concen: 48.34 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

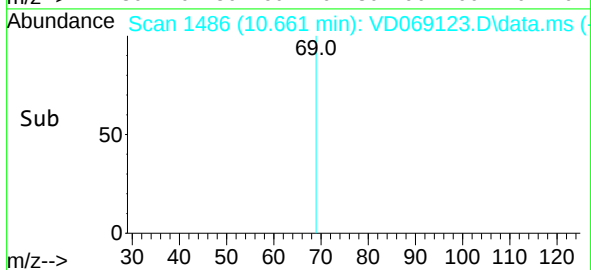
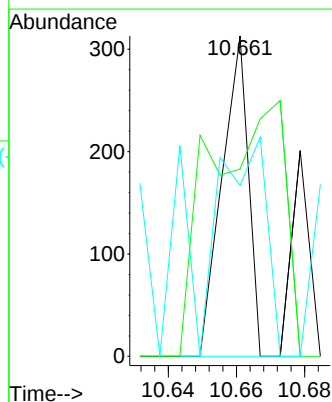
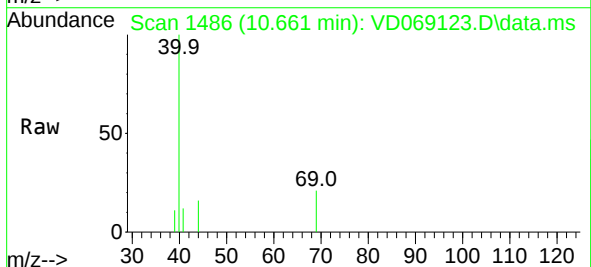
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

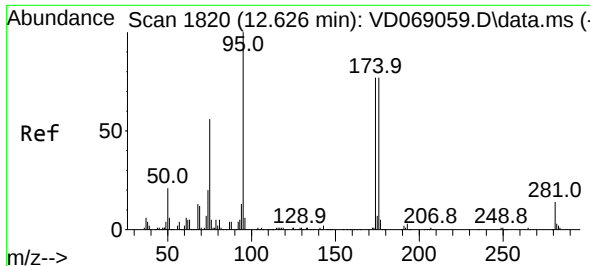
Tgt Ion: 98 Resp: 521389
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#56
Ethyl methacrylate
Concen: 2.43 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 69 Resp: 167
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 121.6 29.8 44.6#

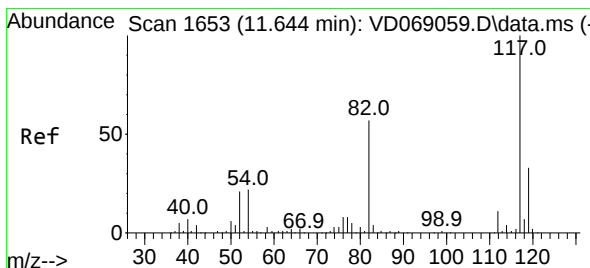
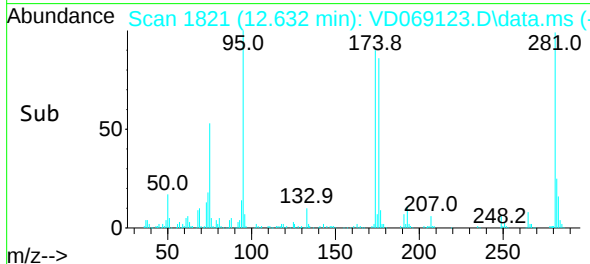
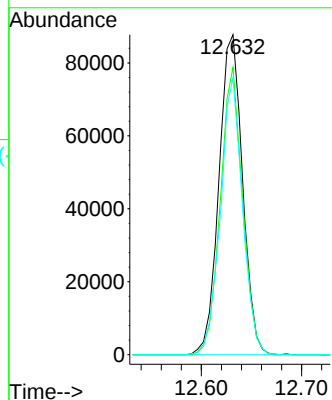
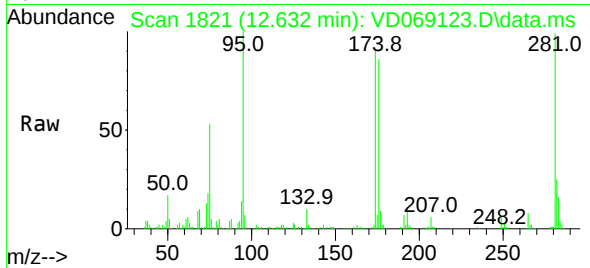




#62
4-Bromofluorobenzene
Concen: 40.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

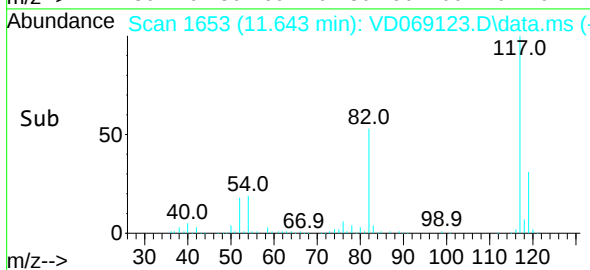
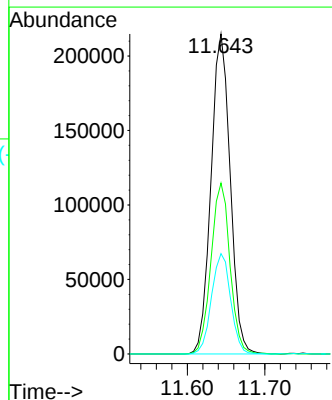
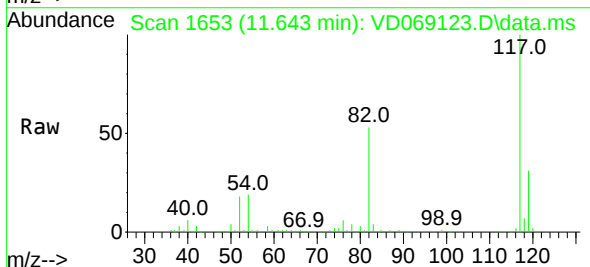
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

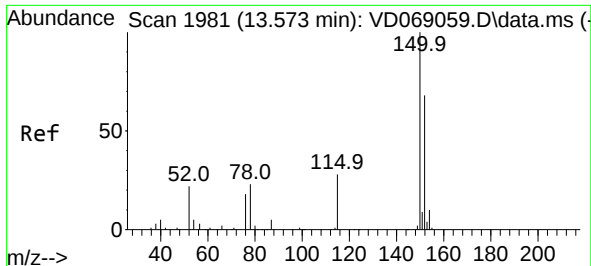
Tgt Ion: 95 Resp: 142849
Ion Ratio Lower Upper
95 100
174 84.9 0.0 156.0
176 81.1 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 117 Resp: 369434
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.2
119 31.4 26.8 40.2

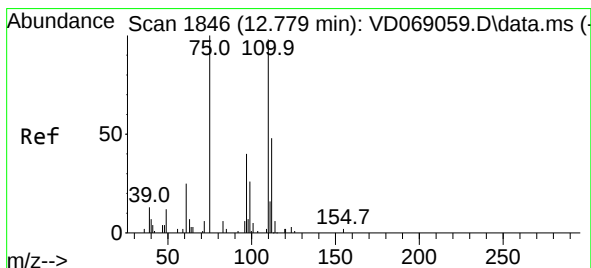
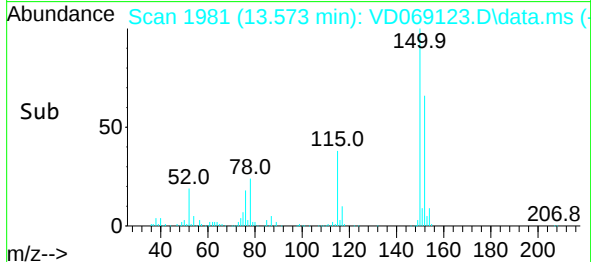
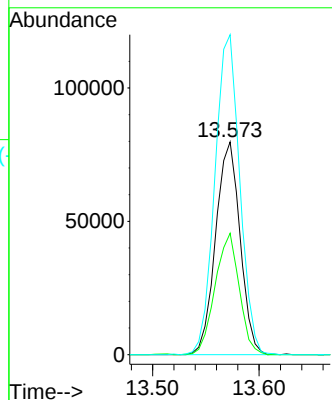
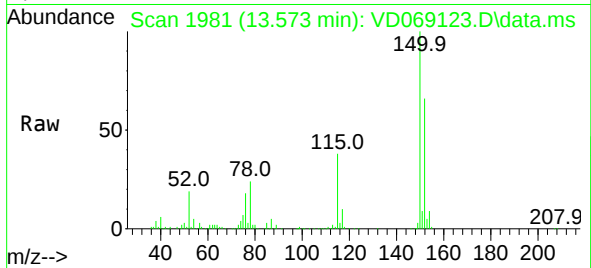




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

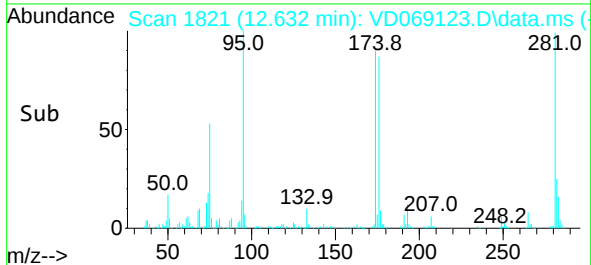
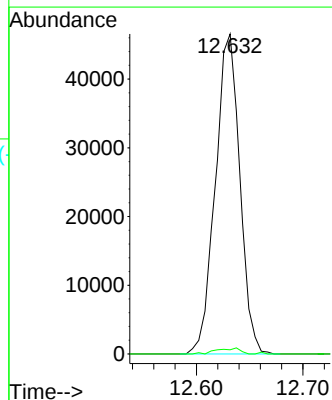
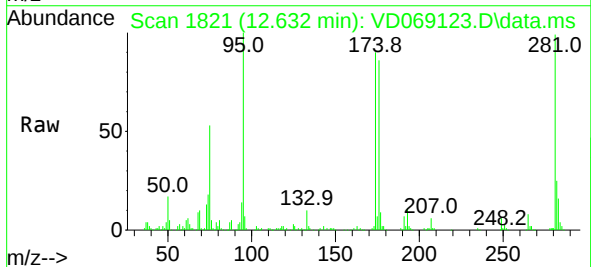
Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

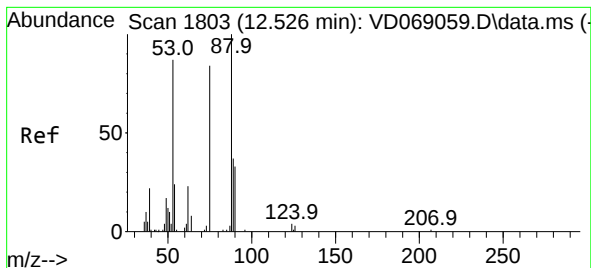
Tgt Ion:152 Resp: 126924
Ion Ratio Lower Upper
152 100
115 56.4 30.5 91.5
150 153.4 0.0 340.8



#76
1,2,3-Trichloropropane
Concen: 67.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion: 75 Resp: 74047
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

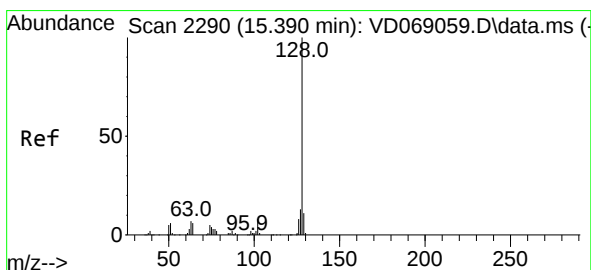
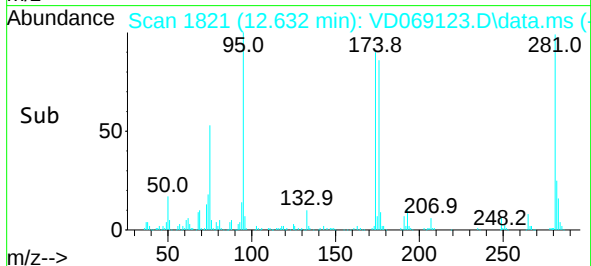
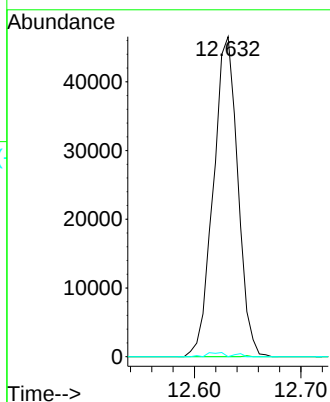
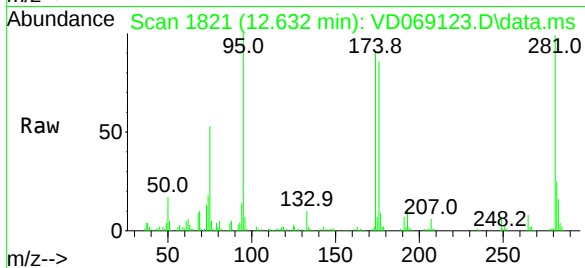




#81
trans-1,4-Dichloro-2-butene
Concen: 145.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
MH-TP1

Tgt Ion: 75 Resp: 74047
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.9 37.8 56.8#



#95
Naphthalene
Concen: 3.32 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069123.D
Acq: 10 May 2021 15:16

Tgt Ion:128 Resp: 2230
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 14.1 8.5 12.7#

