

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069311.D
 Acq On : 02 Jun 2021 19:47
 Operator : VA/SY
 Sample : M2580-11
 Misc : 8.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:11:50 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)

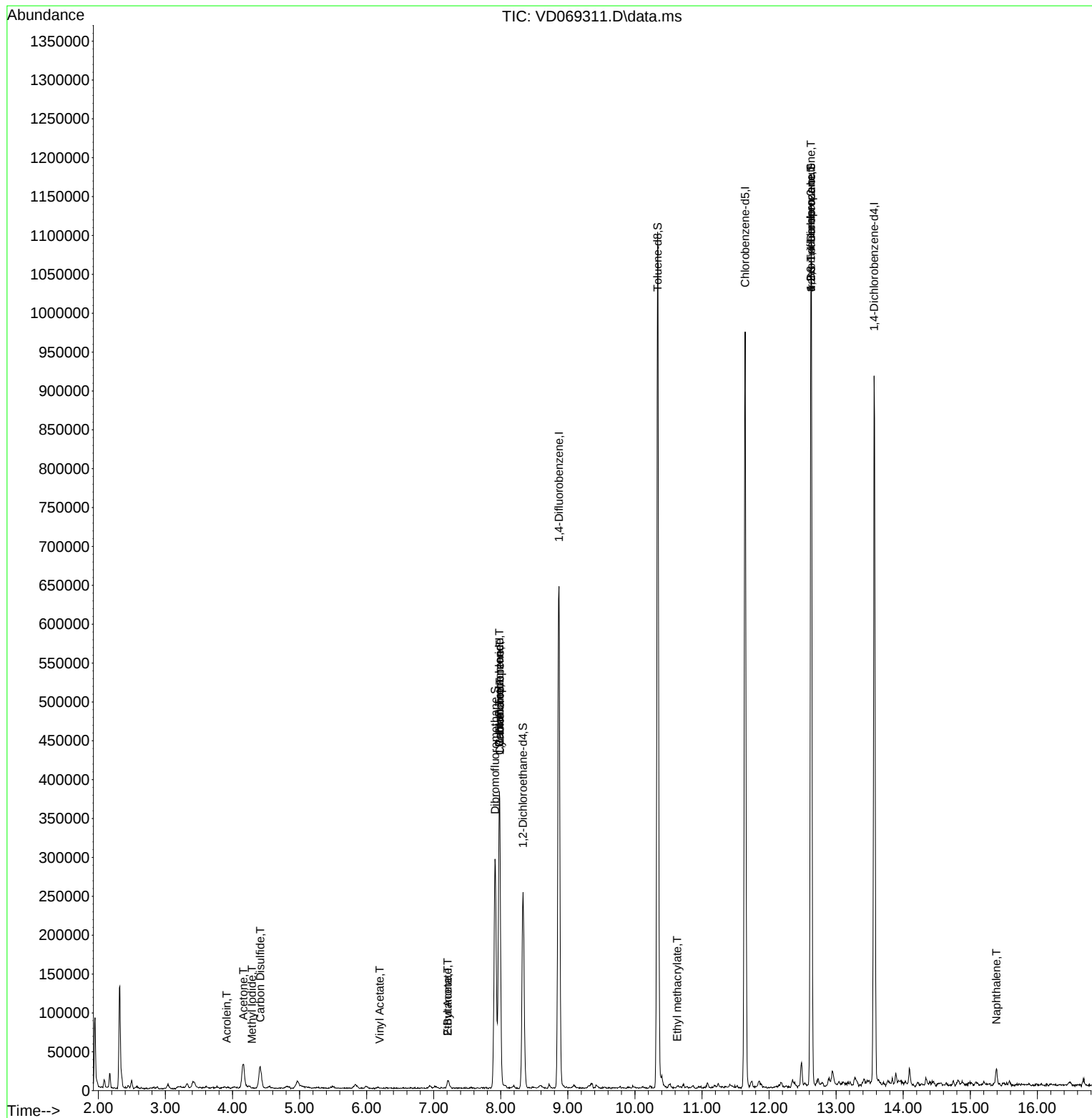
Internal Standards						
1) Pentafluorobenzene	7.979	168	283437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	594859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	588625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	200595	73.76	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	147.52%	
35) Dibromofluoromethane	7.914	113	210012	56.22	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	112.44%	
50) Toluene-d8	10.337	98	769895	56.68	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	113.36%	
62) 4-Bromofluorobenzene	12.625	95	255916	57.50	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	115.00%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	227	2.58	ug/l #	39
11) Tert butyl alcohol	5.220	59	146	Below	Cal #	73
13) Acrolein	3.914	56	111	17.71	ug/l #	1
16) Acetone	4.161	43	54661	115.17	ug/l	100
17) Carbon Disulfide	4.414	76	59748	6.36	ug/l	98
20) Methylene Chloride	4.961	84	6710	Below	Cal #	89
23) Vinyl Acetate	6.196	43	66	11.63	ug/l #	67
25) 2-Butanone	7.208	43	14896	23.85	ug/l	99
31) Cyclohexane	7.985	56	7688	1.78	ug/l #	9
36) 1,1-Dichloropropene	7.985	75	22223	3.84	ug/l #	49
37) Ethyl Acetate	7.208	43	14896	7.59	ug/l #	67
38) Carbon Tetrachloride	7.979	117	28335	4.54	ug/l #	15
56) Ethyl methacrylate	10.631	69	118	2.67	ug/l #	1
76) 1,2,3-Trichloropropane	12.625	75	129278	59.07	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.625	75	129278	130.90	ug/l #	18
95) Naphthalene	15.390	128	18149	5.27	ug/l	98

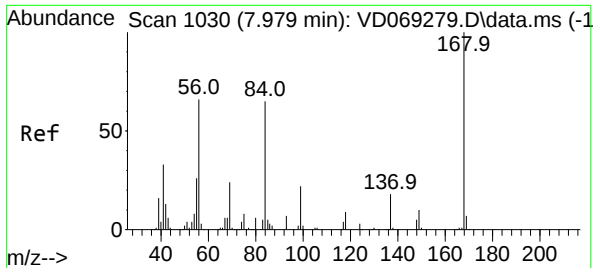
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
Data File : VD069311.D
Acq On : 02 Jun 2021 19:47
Operator : VA/SY
Sample : M2580-11
Misc : 8.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 03 01:11:50 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

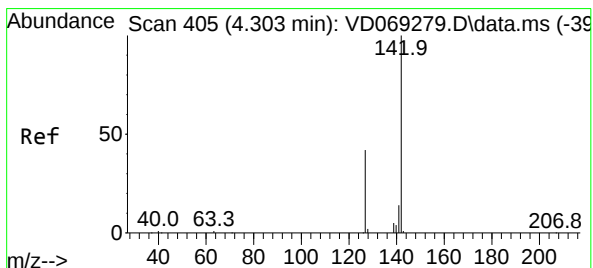
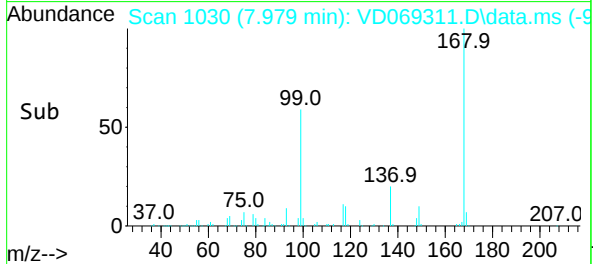
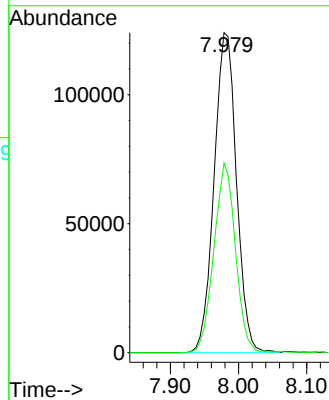
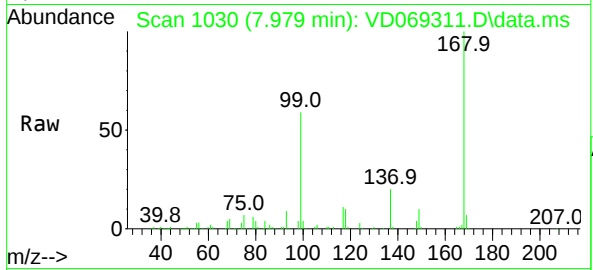




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

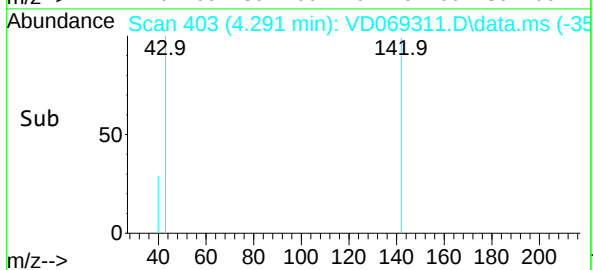
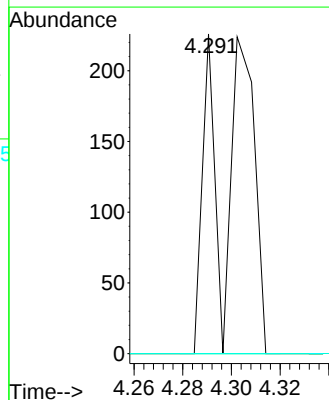
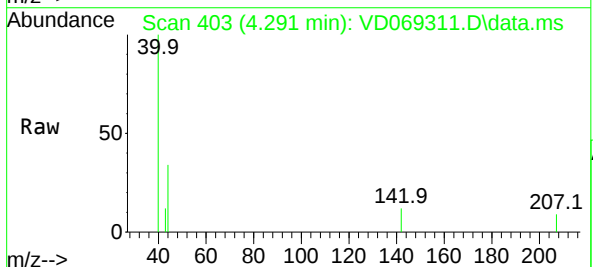
Instrument :
MSVOA_D
ClientSampleId :

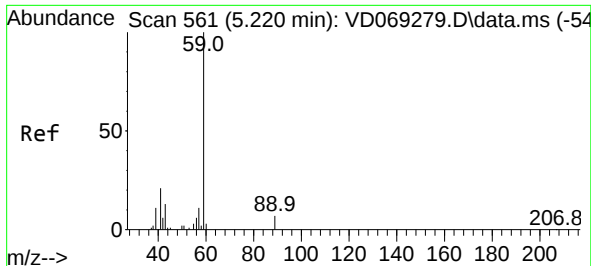
Tgt Ion:168 Resp: 283437
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.58 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



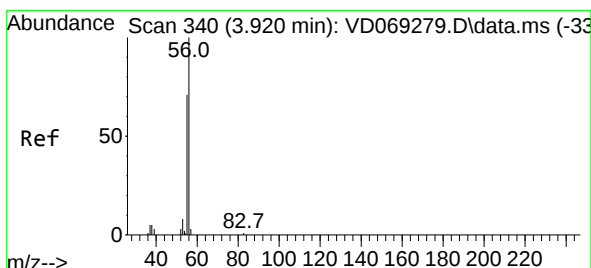
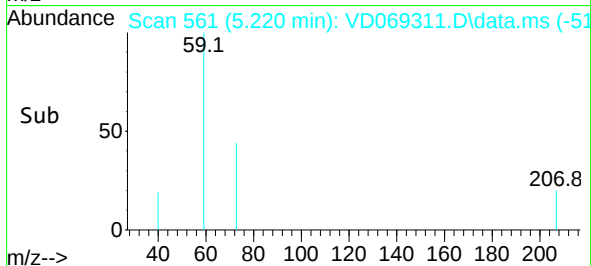
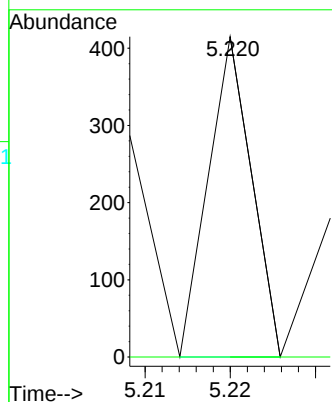
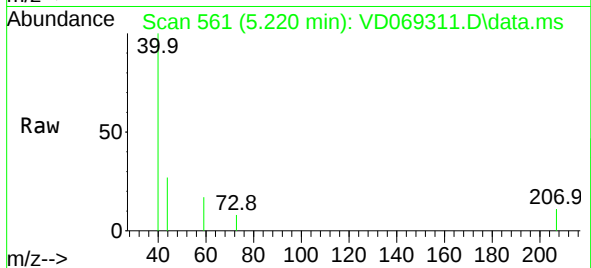


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampled :

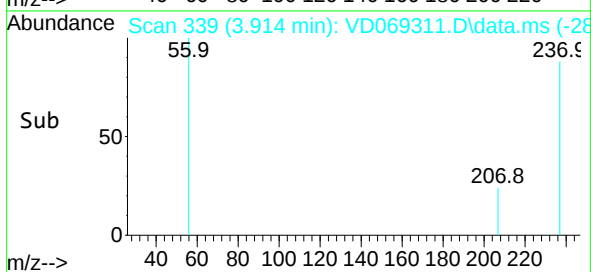
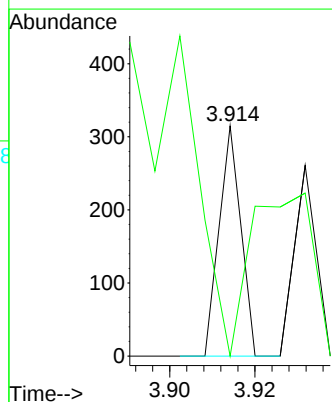
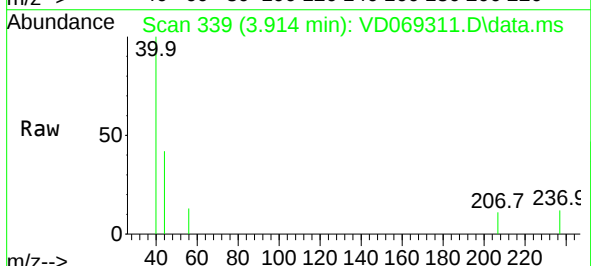
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

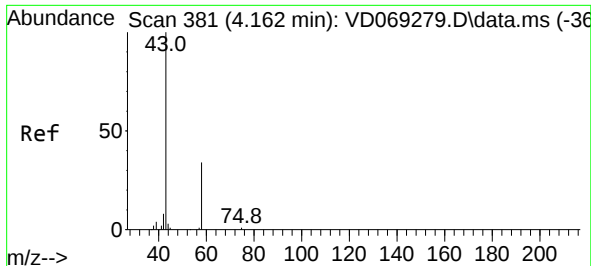


#13

Acrolein
Concen: 17.71 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 782.9 53.8 80.8#

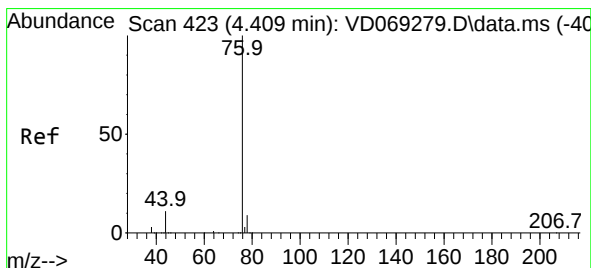
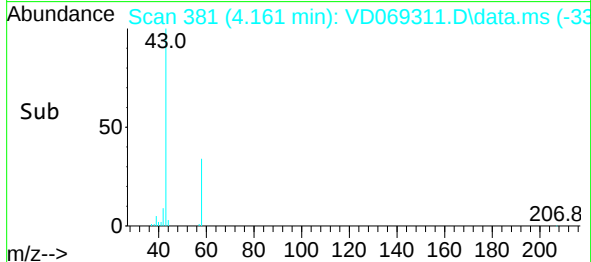
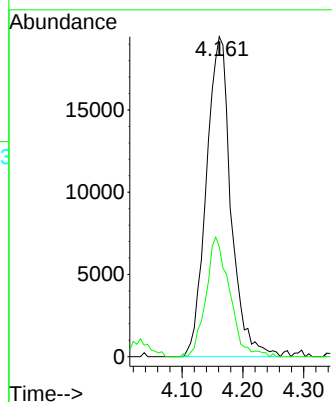
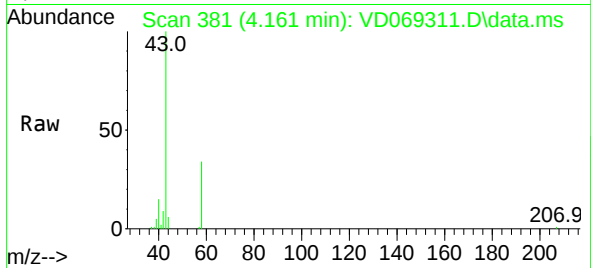




#16
Acetone
Concen: 115.17 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

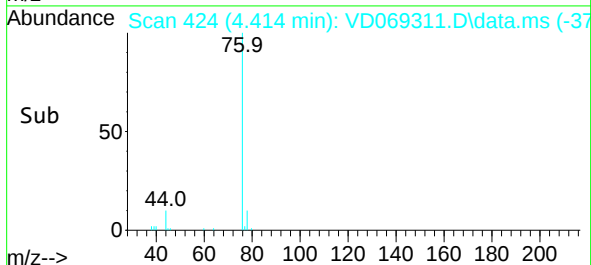
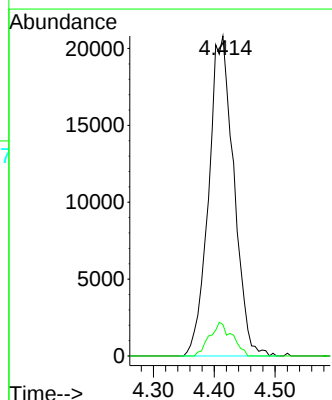
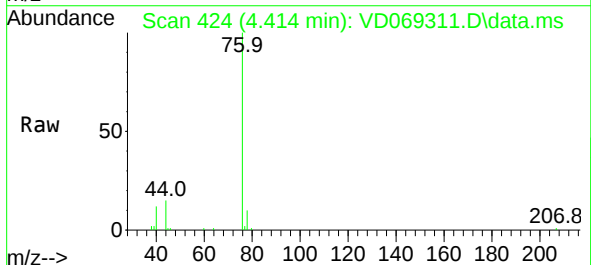
Instrument :
MSVOA_D
ClientSampleId :

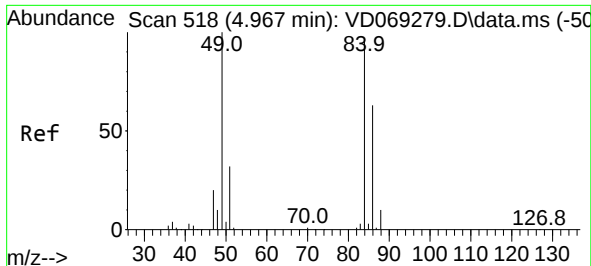
Tgt Ion: 43 Resp: 54661
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3



#17
Carbon Disulfide
Concen: 6.36 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

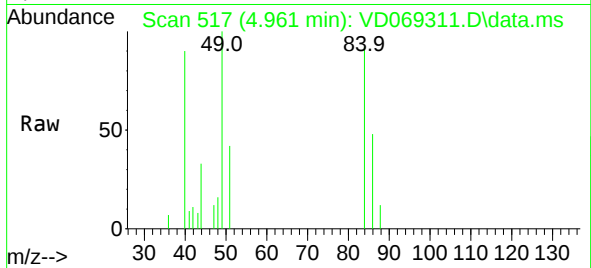
Tgt Ion: 76 Resp: 59748
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



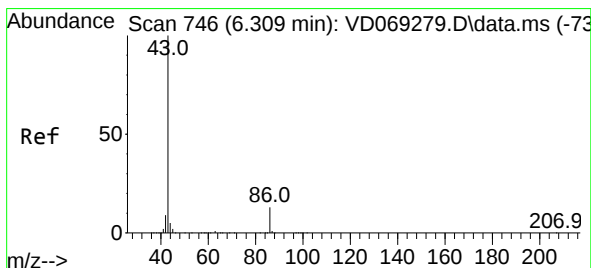
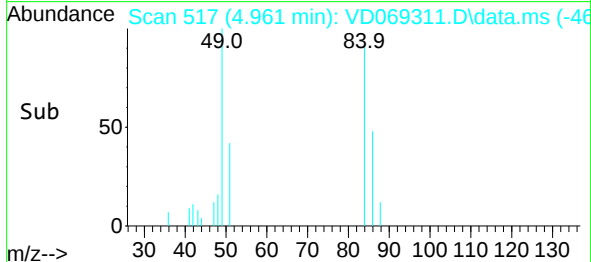
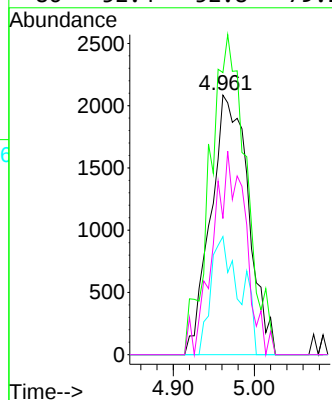


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :

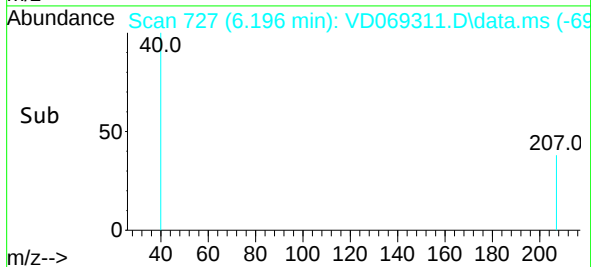
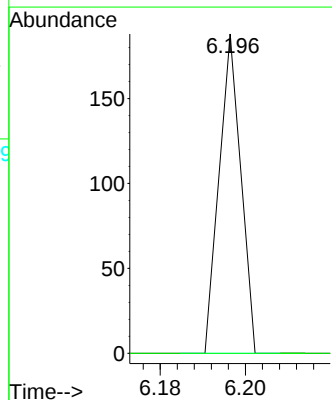
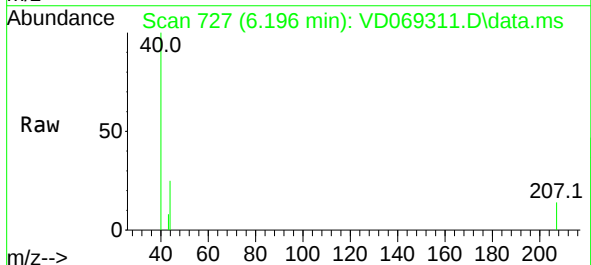


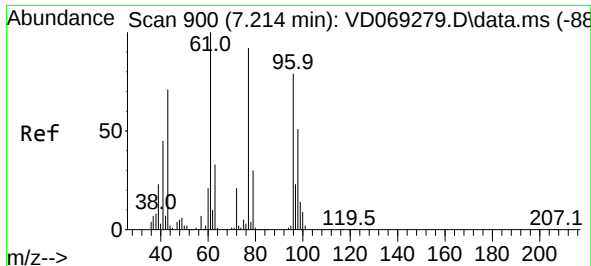
Tgt Ion:	84	Resp:	6710
Ion	Ratio	Lower	Upper
84	100		
49	108.7	83.7	125.5
51	45.5	26.4	39.6#
86	52.4	52.8	79.2#



#23
Vinyl Acetate
Concen: 11.63 ug/l
RT: 6.196 min Scan# 727
Delta R.T. -0.113 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

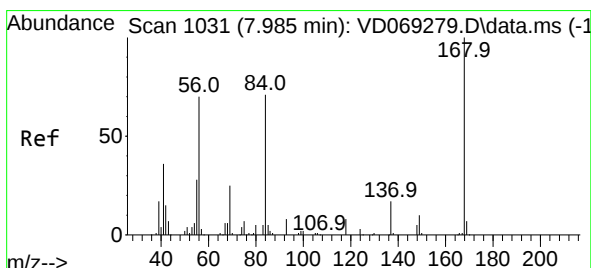
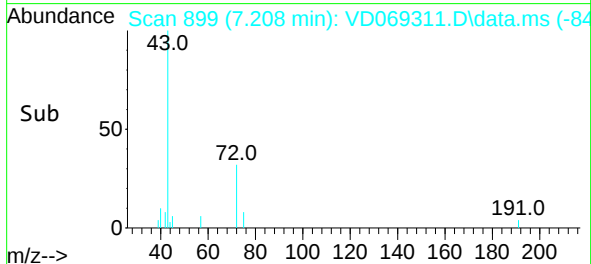
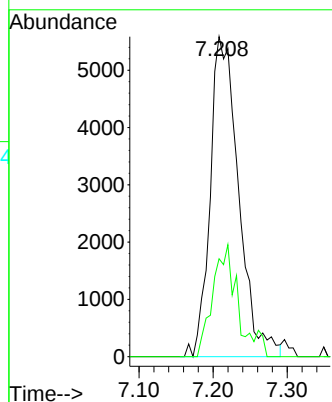
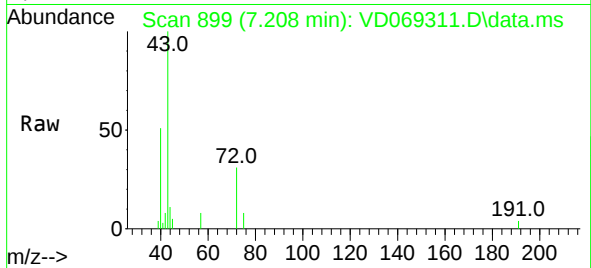




#25
2-Butanone
Concen: 23.85 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

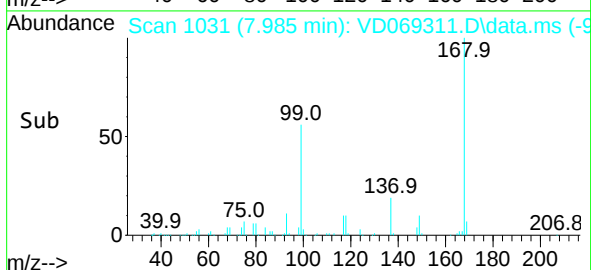
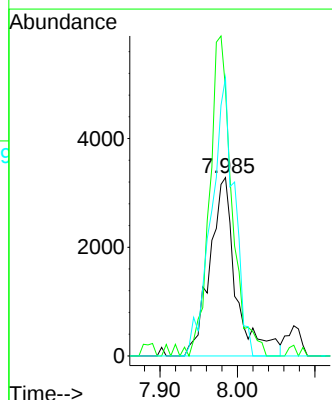
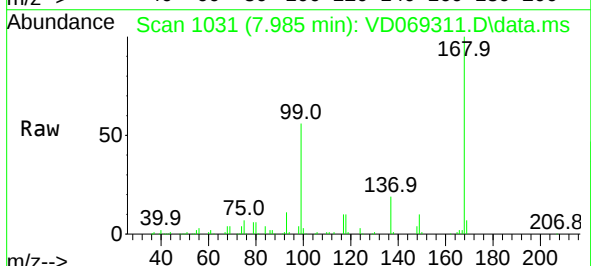
Instrument :
MSVOA_D
ClientSampleId :

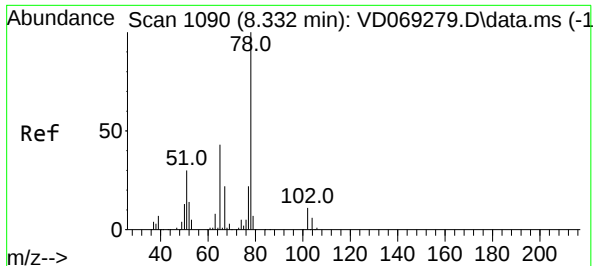
Tgt Ion: 43 Resp: 14896
Ion Ratio Lower Upper
43 100
72 30.6 23.9 35.9



#31
Cyclohexane
Concen: 1.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 56 Resp: 7688
Ion Ratio Lower Upper
56 100
69 149.9 29.0 43.4#
84 156.0 81.1 121.7#

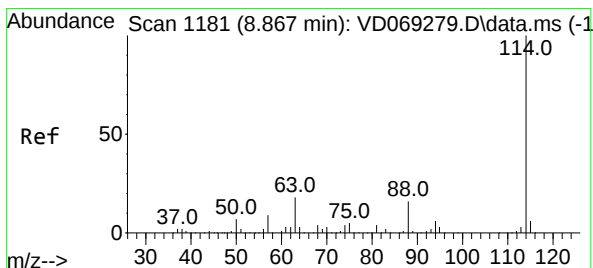
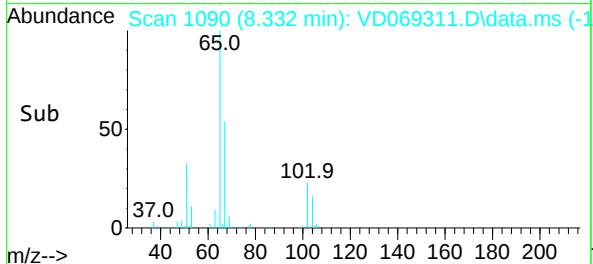
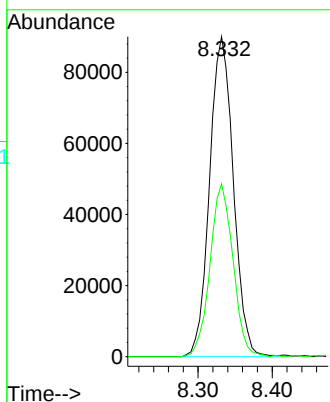
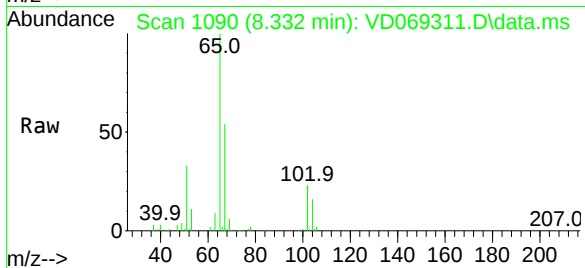




#33
1,2-Dichloroethane-d4
Concen: 73.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

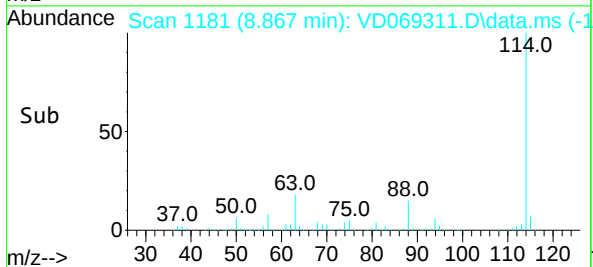
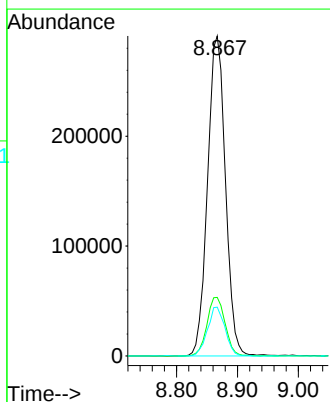
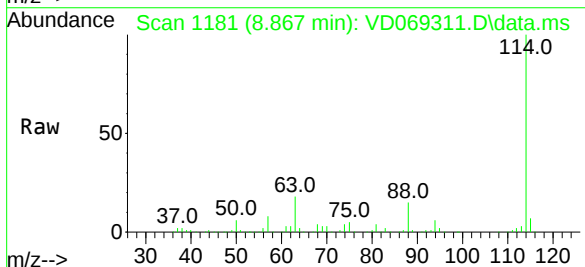
Instrument :
MSVOA_D
ClientSampled :

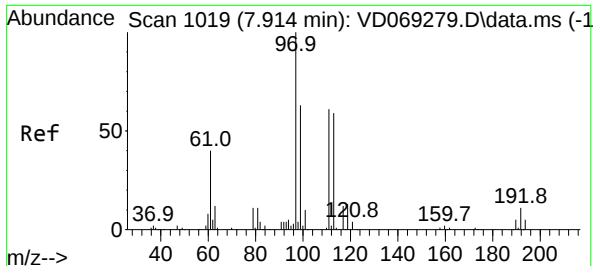
Tgt Ion: 65 Resp: 200595
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 114 Resp: 594859
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 56.22 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069311.D

Acq: 02 Jun 2021 19:47

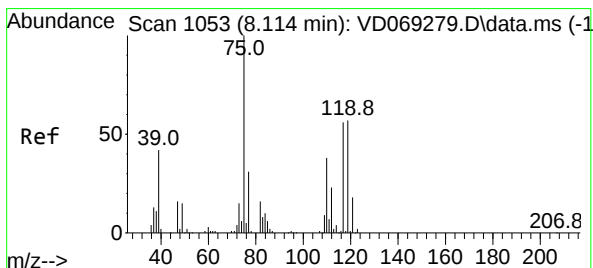
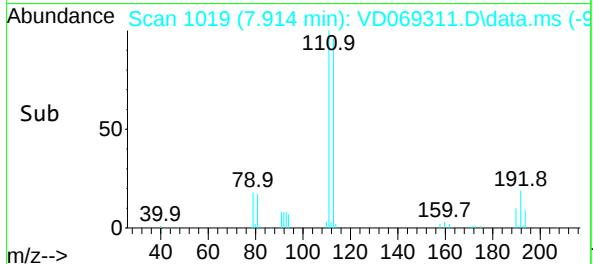
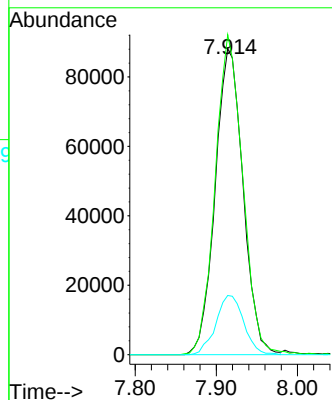
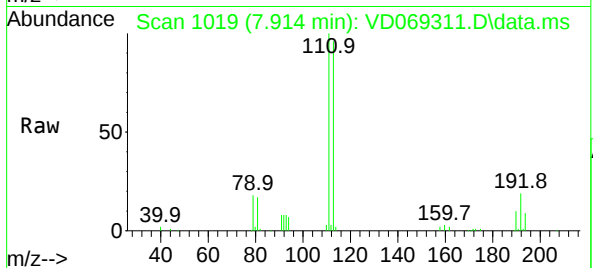
Tgt Ion:113 Resp: 210012

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 19.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.84 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.130 min

Lab File: VD069311.D

Acq: 02 Jun 2021 19:47

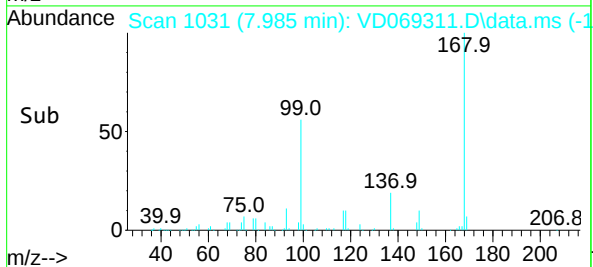
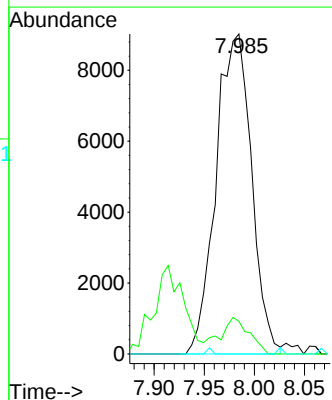
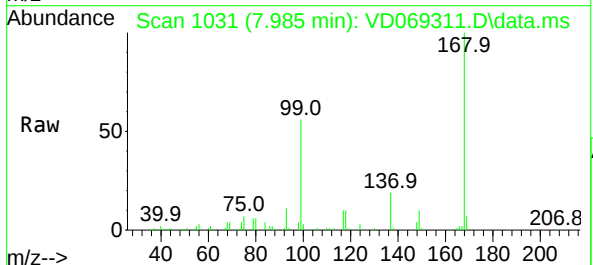
Tgt Ion: 75 Resp: 22223

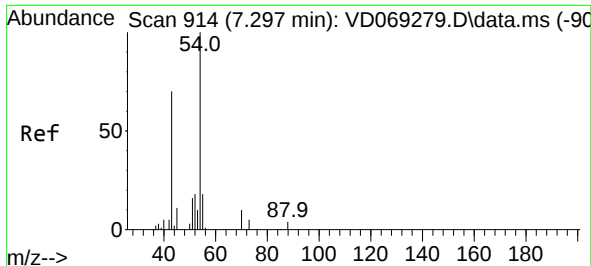
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 7.59 ug/l

RT: 7.208 min Scan# 899

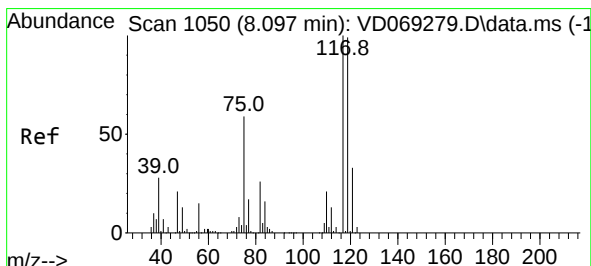
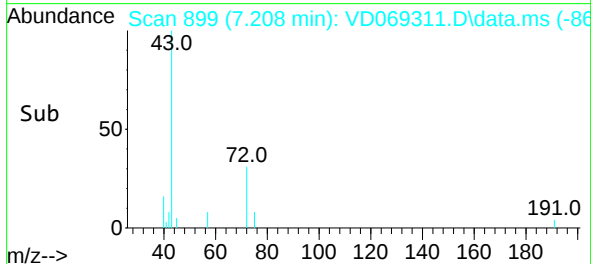
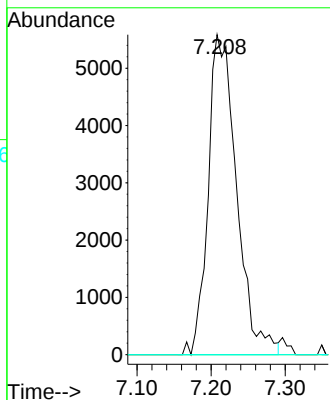
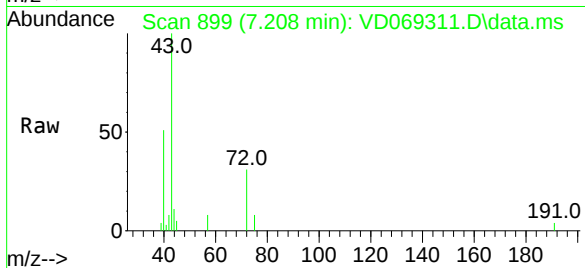
Delta R.T. -0.089 min

Lab File: VD069311.D

Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 14896
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.6#
70 0.0	9.7 14.5#



#38

Carbon Tetrachloride

Concen: 4.54 ug/l

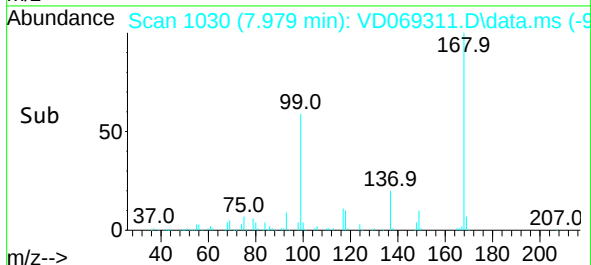
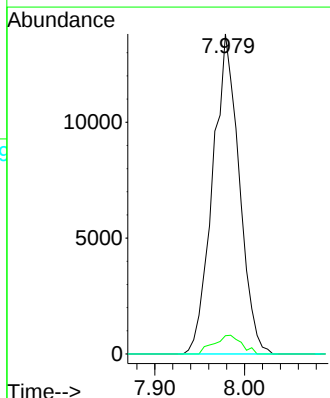
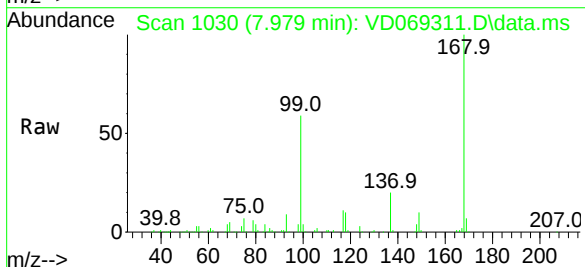
RT: 7.979 min Scan# 1030

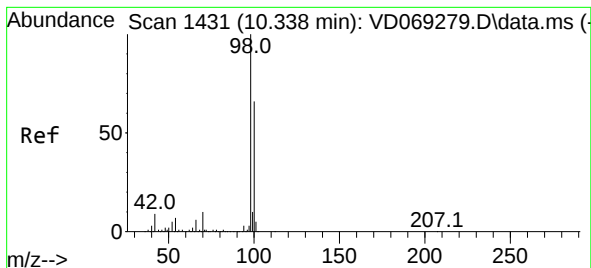
Delta R.T. -0.118 min

Lab File: VD069311.D

Acq: 02 Jun 2021 19:47

Tgt Ion: 117	Resp: 28335
Ion Ratio	Lower Upper
117 100	
119 5.7	79.4 119.2#
121 0.0	26.1 39.1#

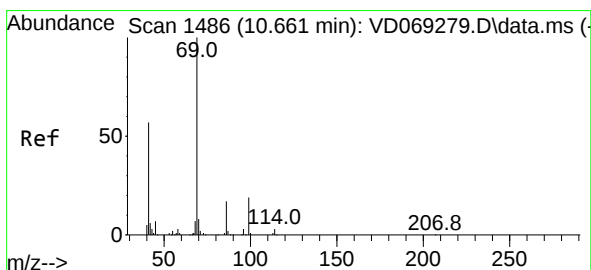
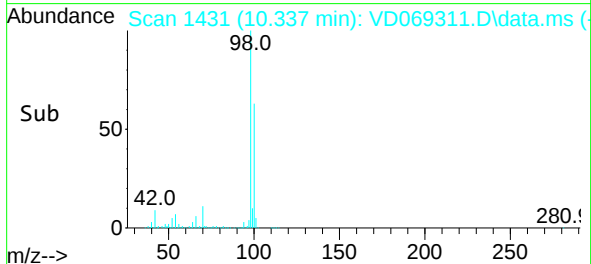
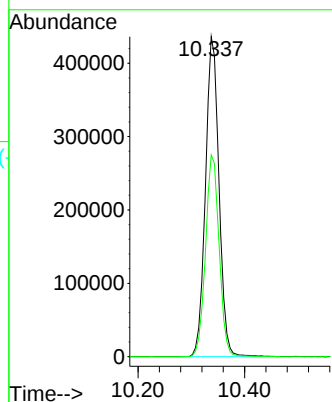
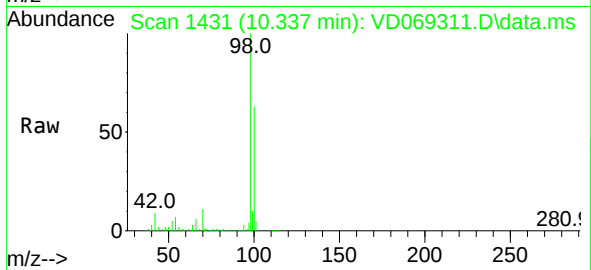




#50
Toluene-d8
Concen: 56.68 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

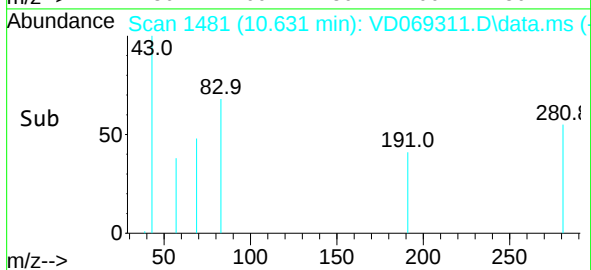
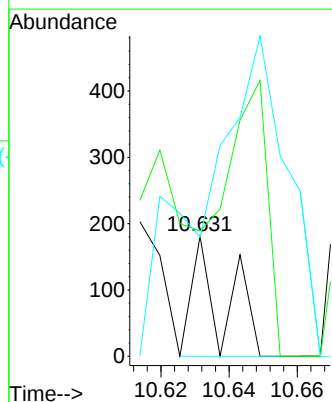
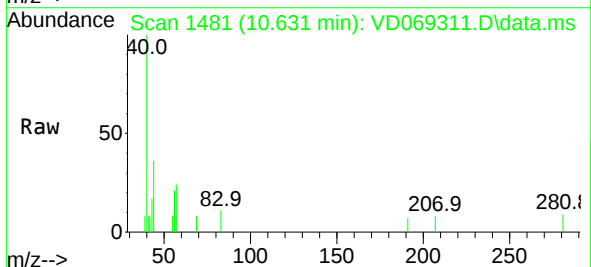
Instrument :
MSVOA_D
ClientSampleId :

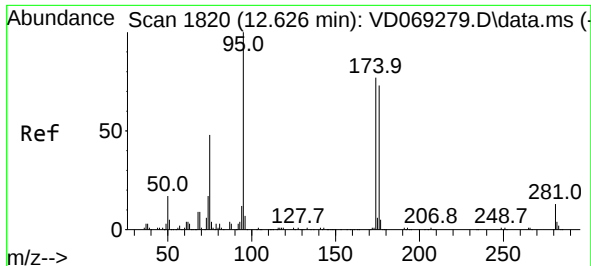
Tgt Ion: 98 Resp: 769895
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.67 ug/l
RT: 10.631 min Scan# 1481
Delta R.T. -0.030 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 69 Resp: 118
Ion Ratio Lower Upper
69 100
41 297.5 45.4 68.2#
39 702.5 21.7 32.5#

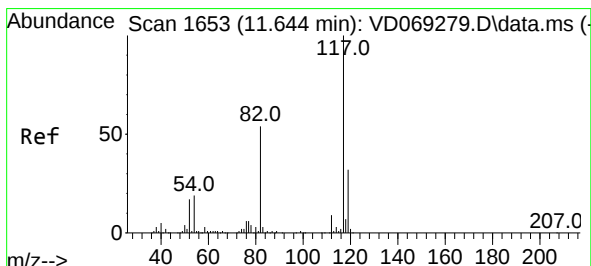
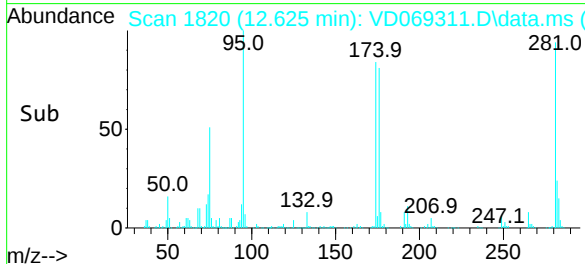
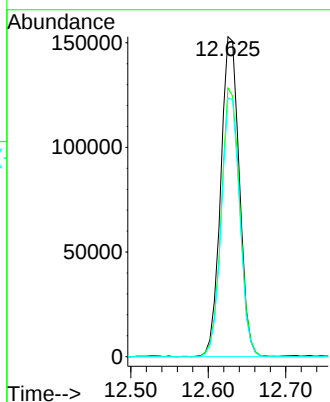
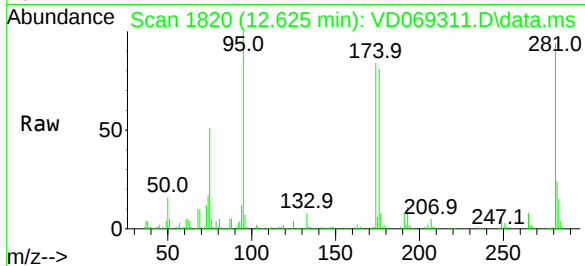




#62
4-Bromofluorobenzene
Concen: 57.50 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

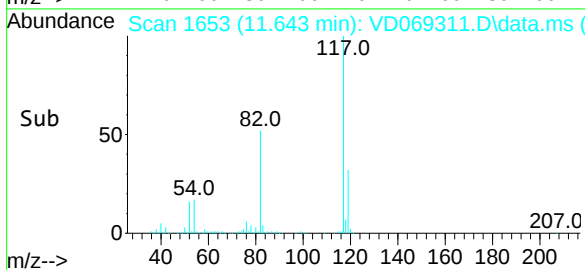
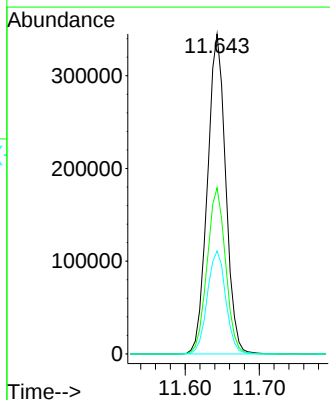
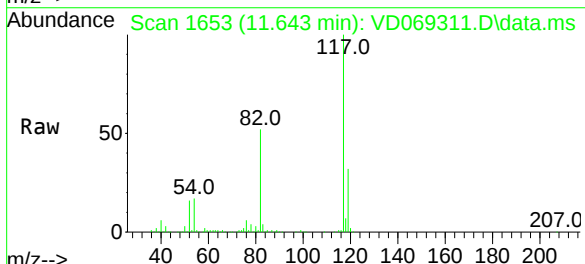
Instrument :
MSVOA_D
ClientSampleId :

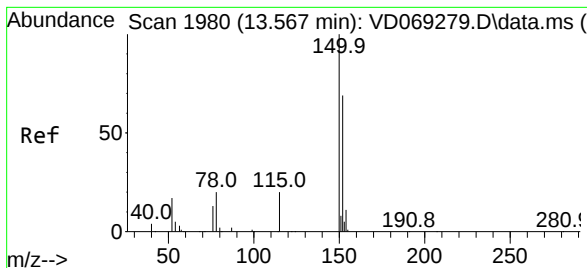
Tgt Ion: 95 Resp: 255916
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.8
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 117 Resp: 588625
Ion Ratio Lower Upper
117 100
82 52.0 43.3 64.9
119 32.2 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: VD069311.D

Acq: 02 Jun 2021 19:47

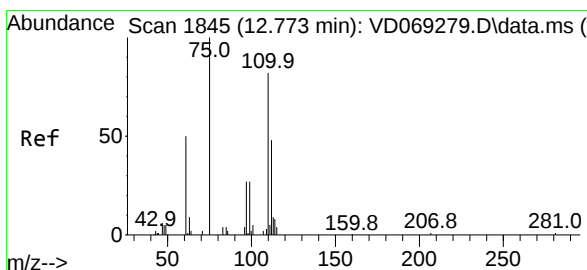
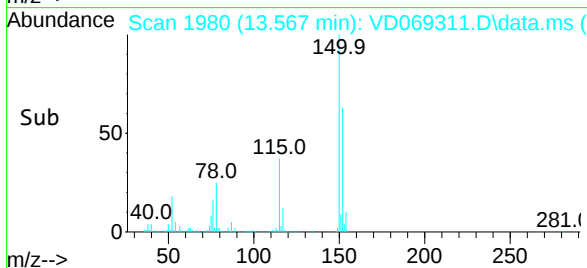
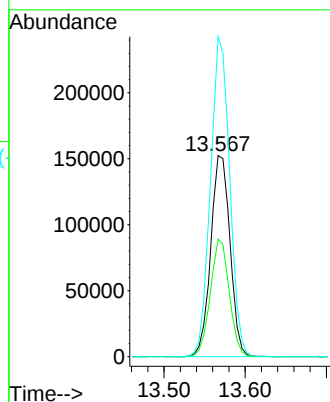
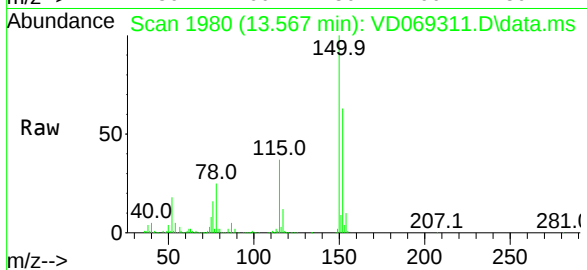
Tgt Ion:152 Resp: 251890

Ion Ratio Lower Upper

152 100

115 57.1 29.4 88.3

150 158.4 0.0 355.0



#76

1,2,3-Trichloropropane

Concen: 59.07 ug/l

RT: 12.625 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD069311.D

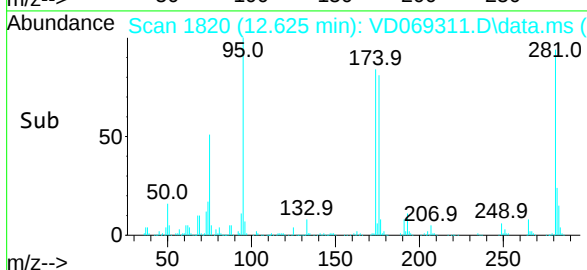
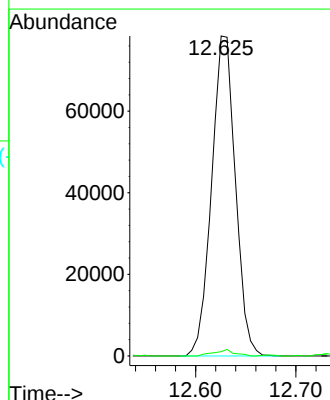
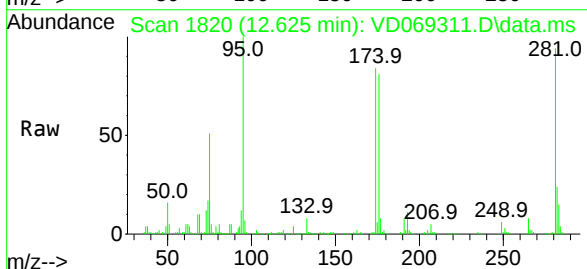
Acq: 02 Jun 2021 19:47

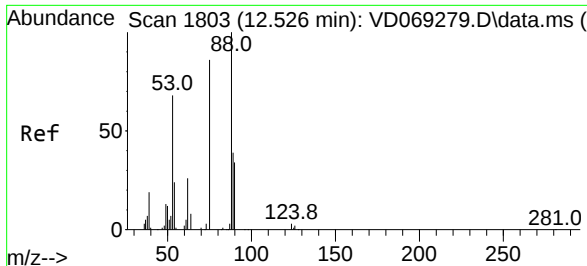
Tgt Ion: 75 Resp: 129278

Ion Ratio Lower Upper

75 100

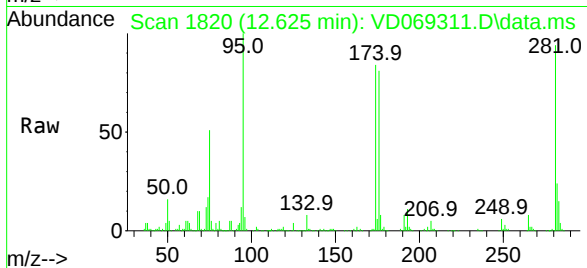
77 1.7 183.8 551.2#



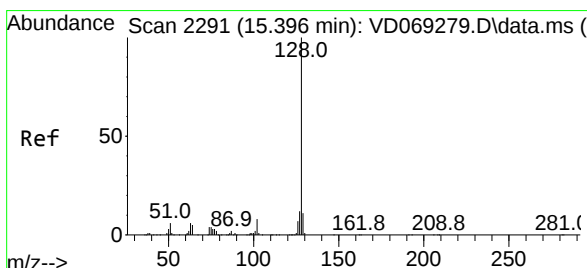
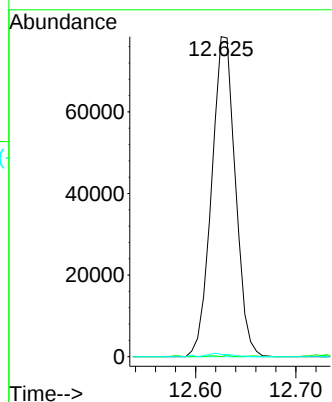
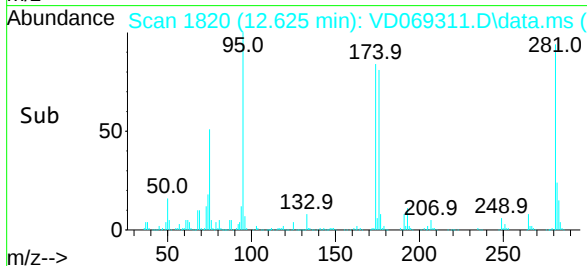


#81
trans-1,4-Dichloro-2-butene
Concen: 130.90 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

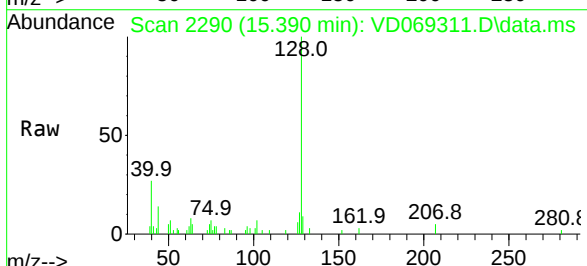
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 129278
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 35.6 53.4#



#95
Naphthalene
Concen: 5.27 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47



Tgt Ion: 128 Resp: 18149
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 10.7 8.8 13.2

