

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069314.D
 Acq On : 02 Jun 2021 21:11
 Operator : VA/SY
 Sample : M2580-14
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:12:47 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)

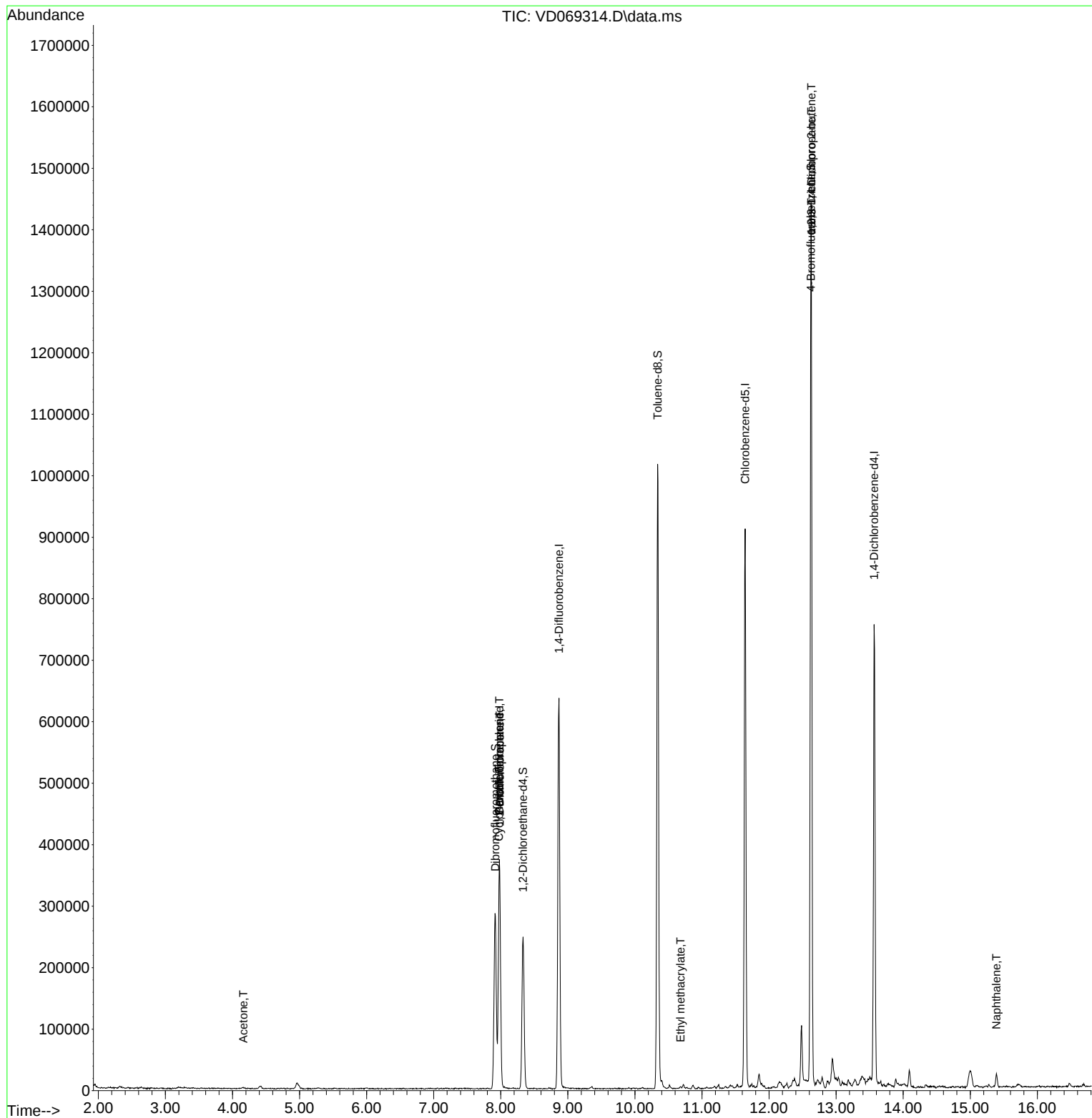
Internal Standards						
1) Pentafluorobenzene	7.979	168	272641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	577286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	553045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	208666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201279	76.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 153.88%			
35) Dibromofluoromethane	7.920	113	209810	57.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.76%			
50) Toluene-d8	10.337	98	720452	54.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.30%			
62) 4-Bromofluorobenzene	12.626	95	243158	56.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.58%			
Target Compounds						
11) Tert butyl alcohol	5.208	59	76	Below Cal	#	73
16) Acetone	4.161	43	2922	6.40	ug/l #	81
20) Methylene Chloride	4.961	84	7998	Below Cal	#	86
31) Cyclohexane	7.973	56	6075	1.46	ug/l #	40
36) 1,1-Dichloropropene	7.985	75	22389	3.99	ug/l #	50
38) Carbon Tetrachloride	7.979	117	28147	4.65	ug/l #	17
56) Ethyl methacrylate	10.679	69	164	2.68	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	124119	68.46	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.631	75	124119	151.71	ug/l #	20
95) Naphthalene	15.390	128	18095	5.68	ug/l #	95

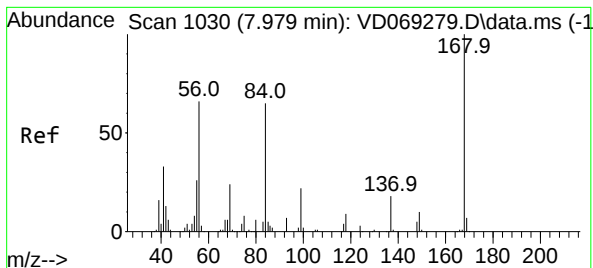
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jun 03 01:12:47 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

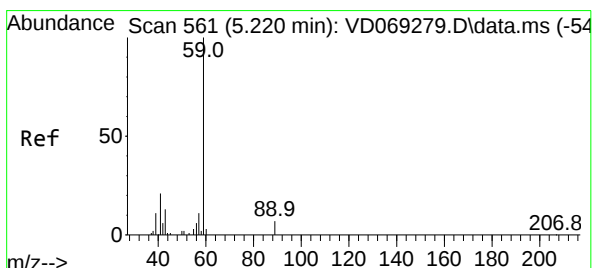
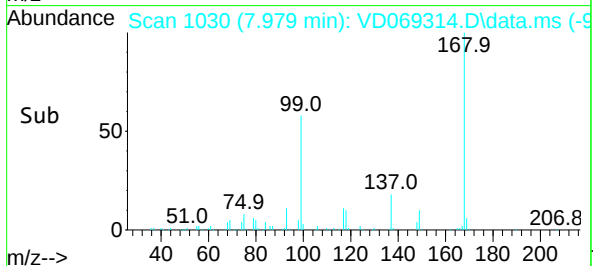
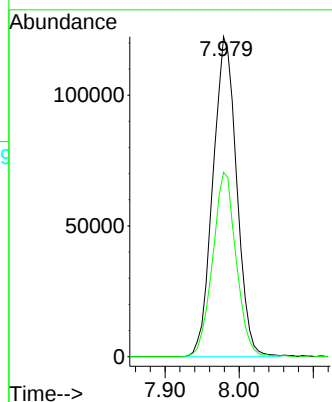
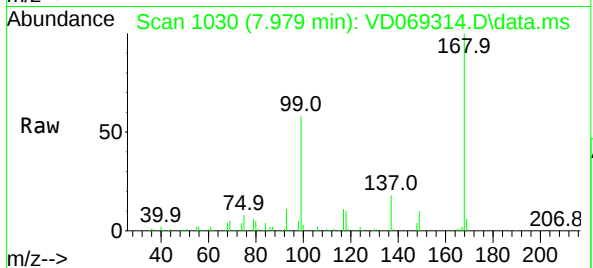




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

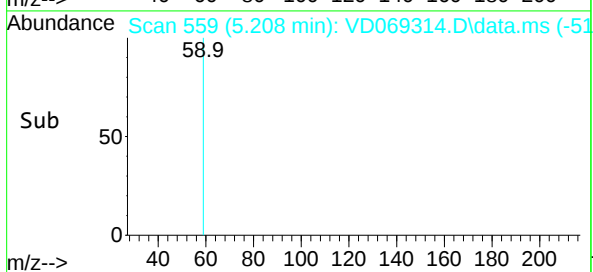
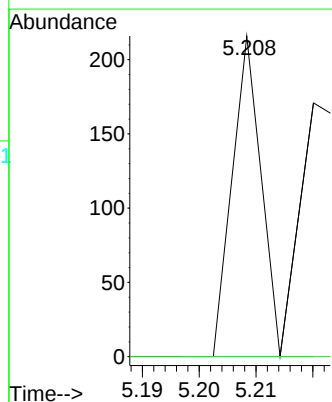
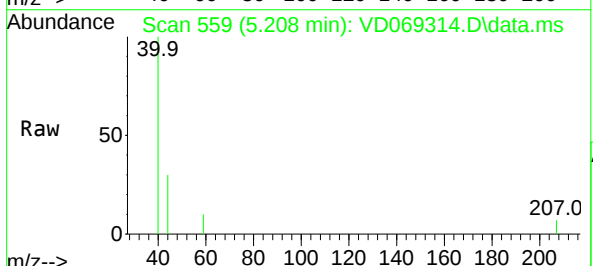
Instrument :
MSVOA_D
ClientSampleId :

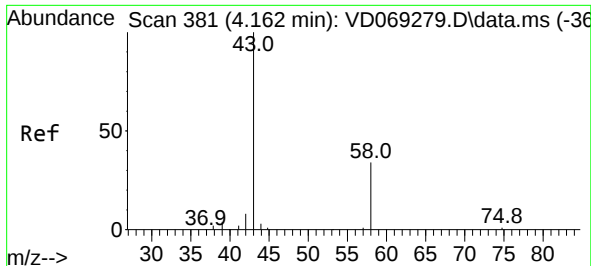
Tgt Ion:168 Resp: 272641
Ion Ratio Lower Upper
168 100
99 57.6 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

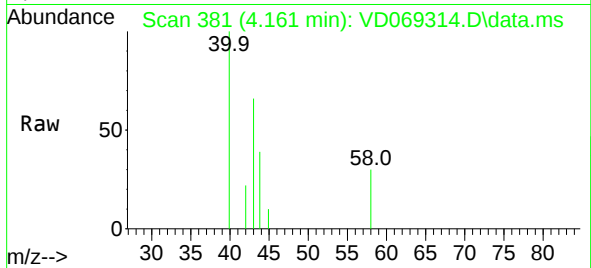
Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



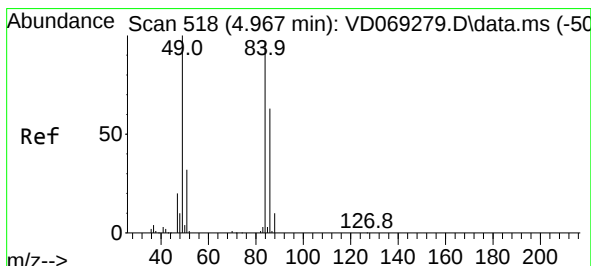
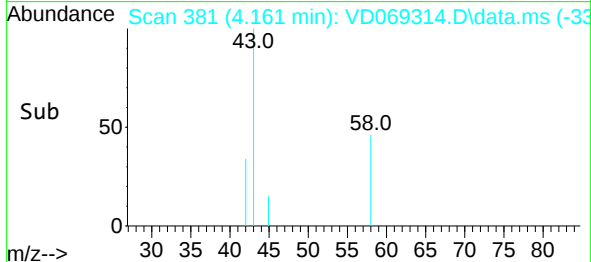
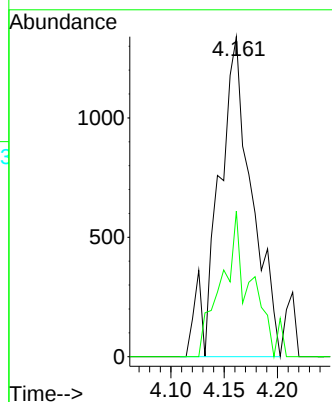


#16
Acetone
Concen: 6.40 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Instrument :
MSVOA_D
ClientSampled :

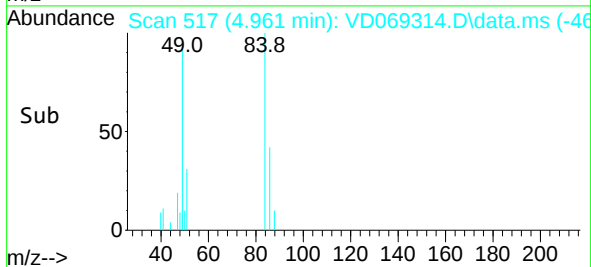
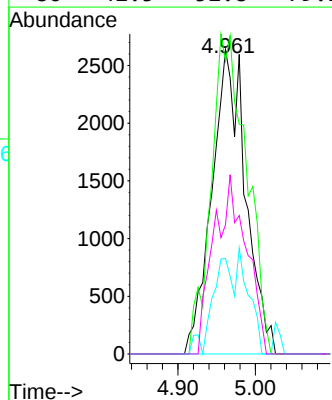
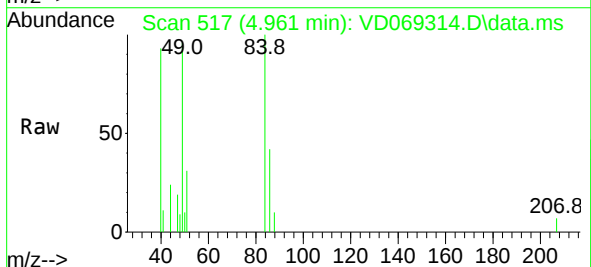


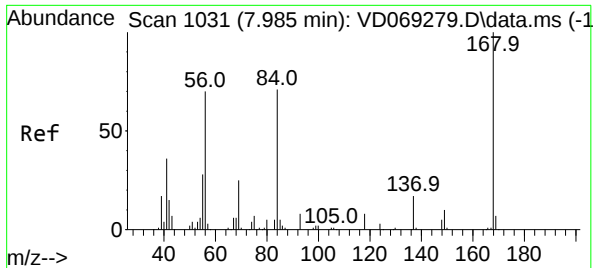
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
58 45.5 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Tgt Ion: 84 Resp: 7998
Ion Ratio Lower Upper
84 100
49 96.2 83.7 125.5
51 31.3 26.4 39.6
86 42.5 52.8 79.2#

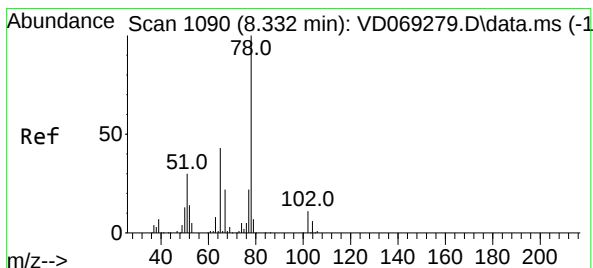
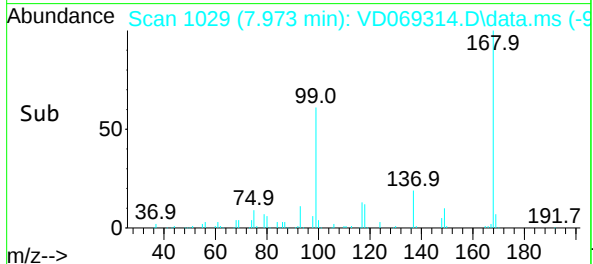
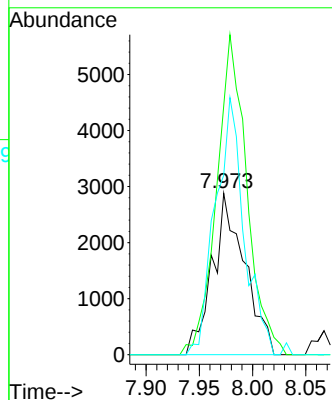
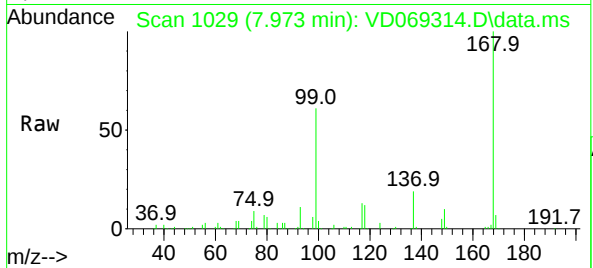




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

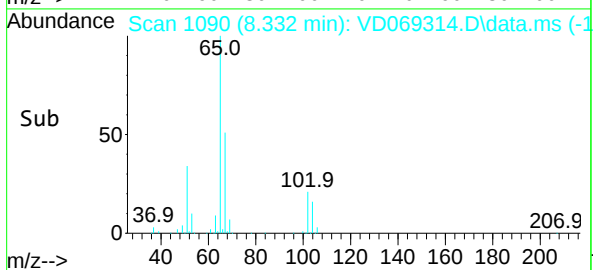
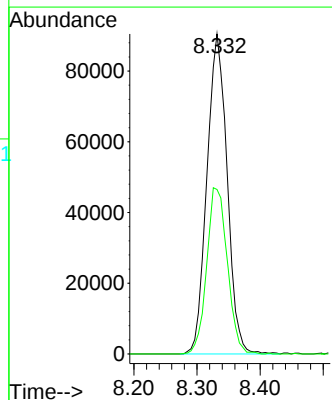
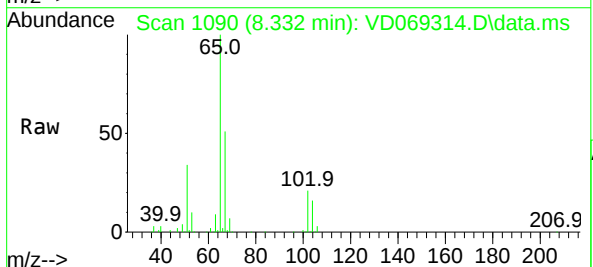
Instrument :
MSVOA_D
ClientSampled :

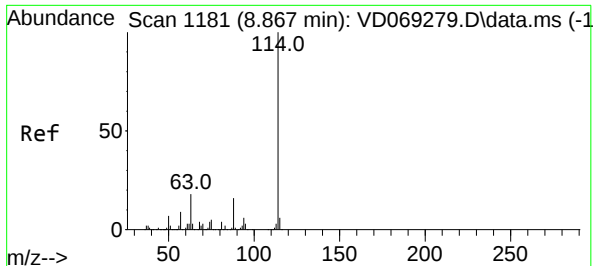
Tgt Ion: 56 Resp: 6075
Ion Ratio Lower Upper
56 100
69 154.2 29.0 43.4#
84 111.1 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 76.94 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Tgt Ion: 65 Resp: 201279
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

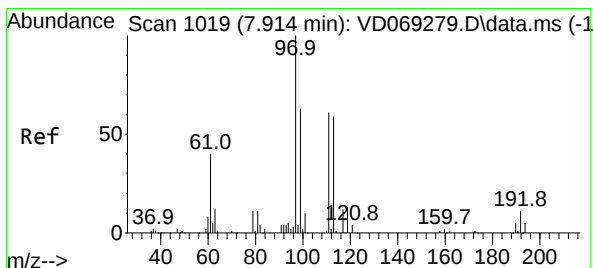
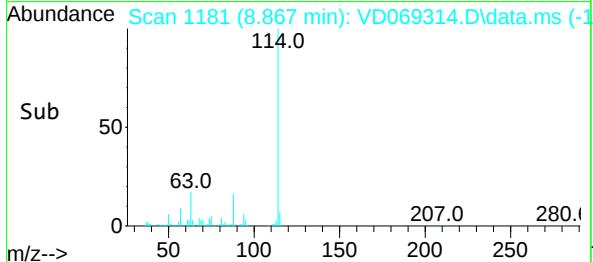
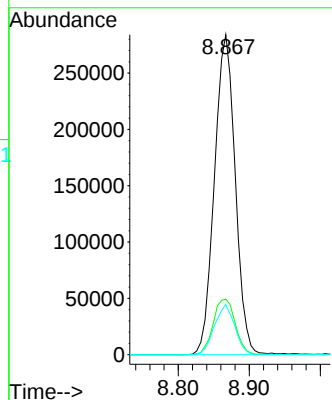
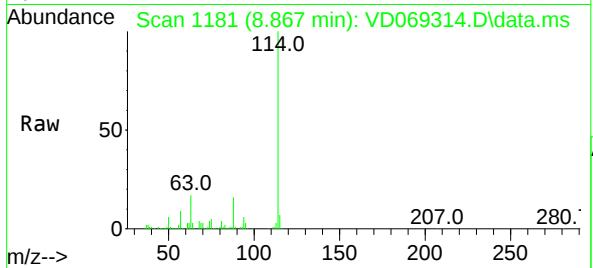




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

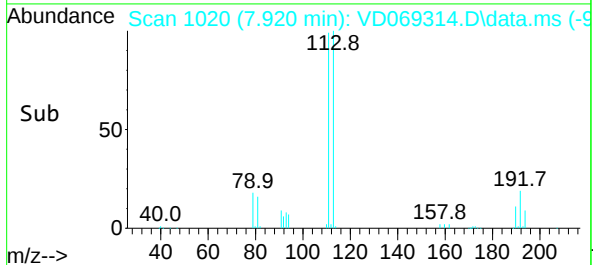
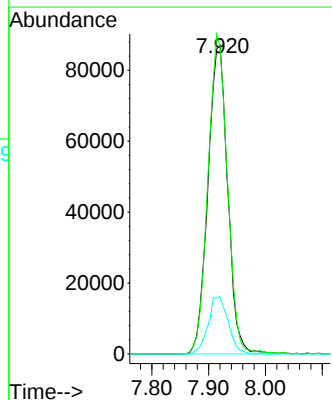
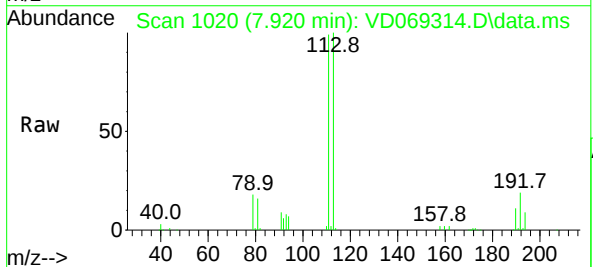
Instrument :
MSVOA_D
ClientSampleId :

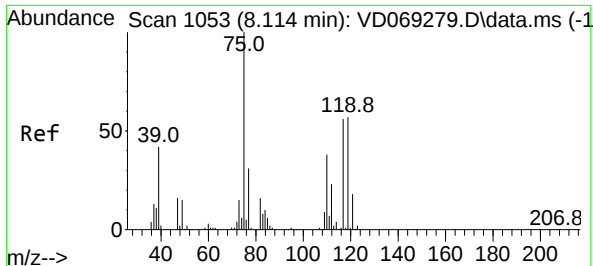
Tgt Ion:114 Resp: 577286
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.6
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 57.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

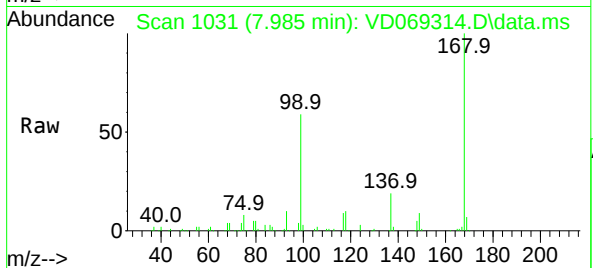
Tgt Ion:113 Resp: 209810
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 18.9 15.1 22.7



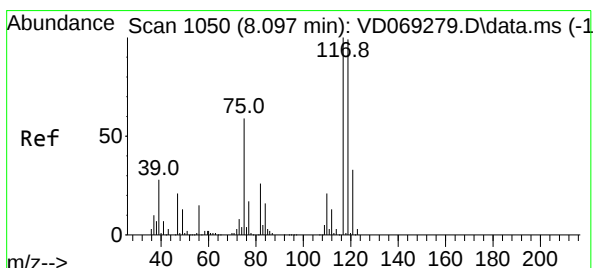
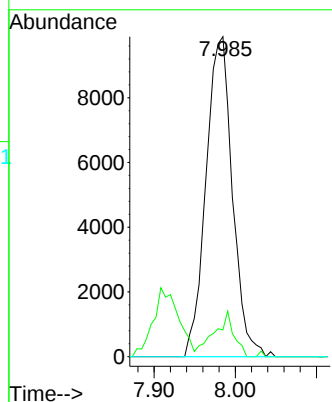
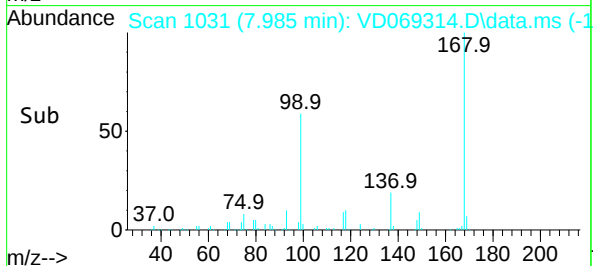


#36
1,1-Dichloropropene
Concen: 3.99 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

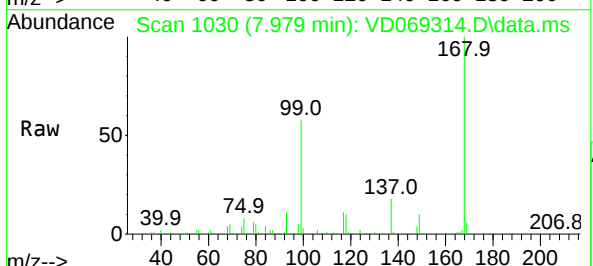
Instrument :
MSVOA_D
ClientSampled :



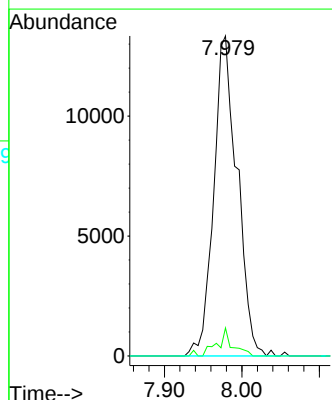
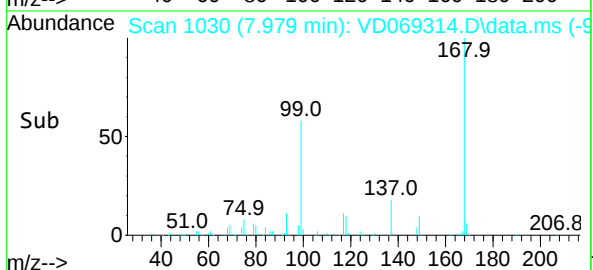
Tgt Ion: 75 Resp: 22389
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.9 37.3#

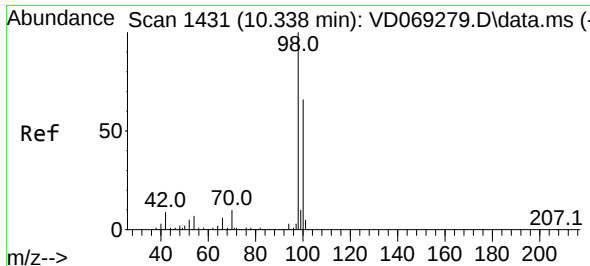


#38
Carbon Tetrachloride
Concen: 4.65 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11



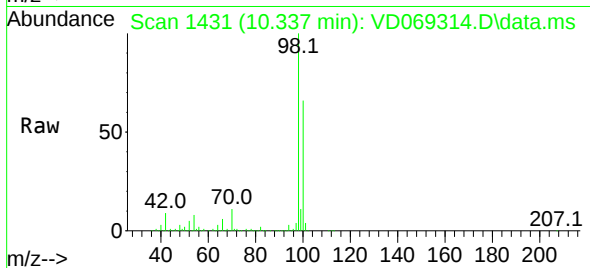
Tgt Ion: 117 Resp: 28147
Ion Ratio Lower Upper
117 100
119 8.7 79.4 119.2#
121 0.0 26.1 39.1#



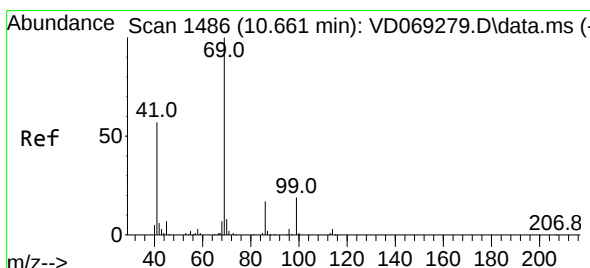
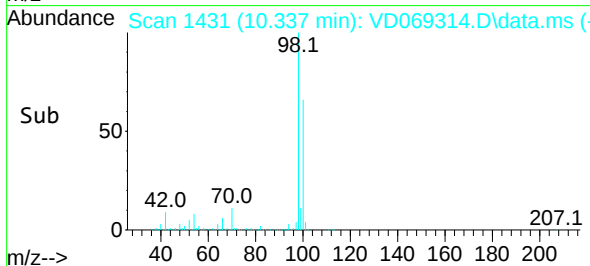
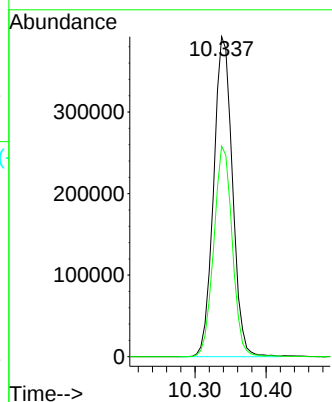


#50
Toluene-d8
Concen: 54.65 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Instrument :
MSVOA_D
ClientSampled :

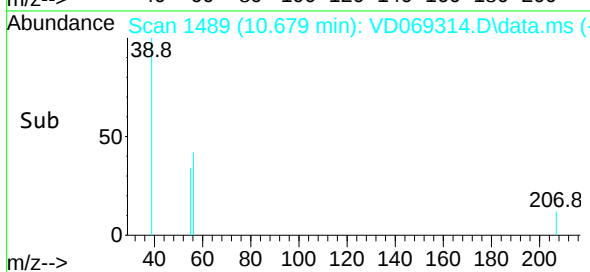
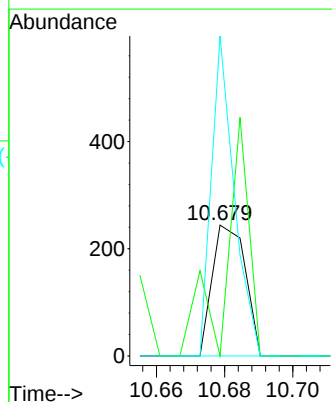
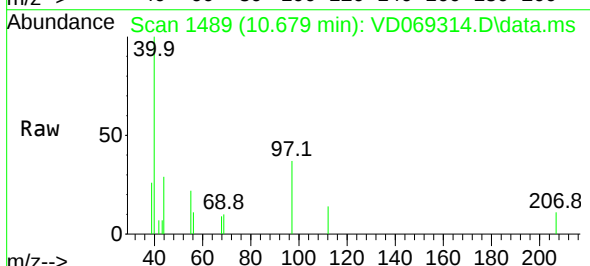


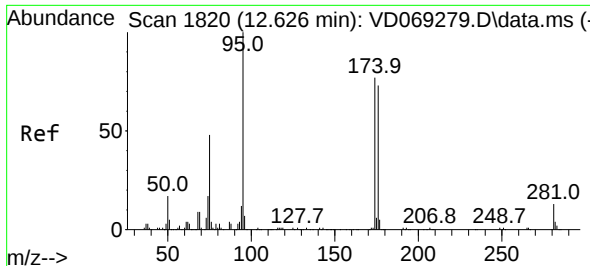
Tgt Ion: 98 Resp: 720452
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.68 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Tgt Ion: 69 Resp: 164
Ion Ratio Lower Upper
69 100
41 129.9 45.4 68.2#
39 168.9 21.7 32.5#

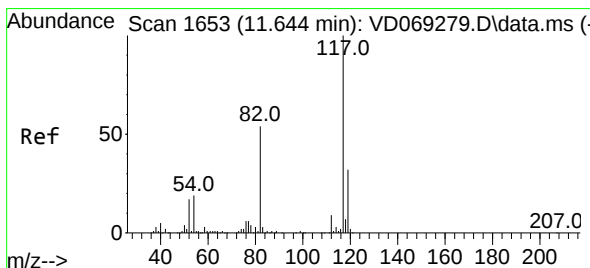
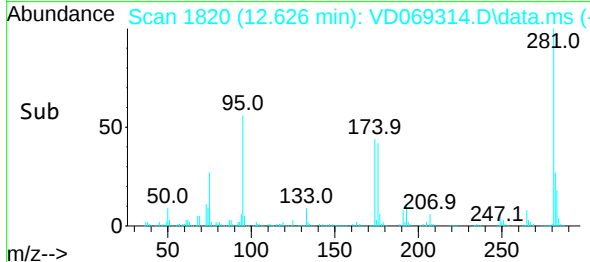
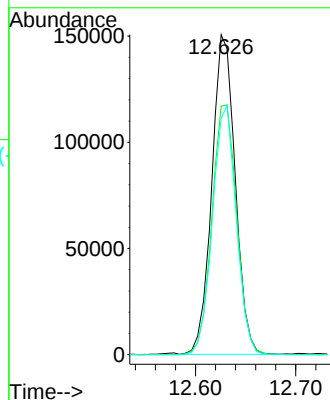
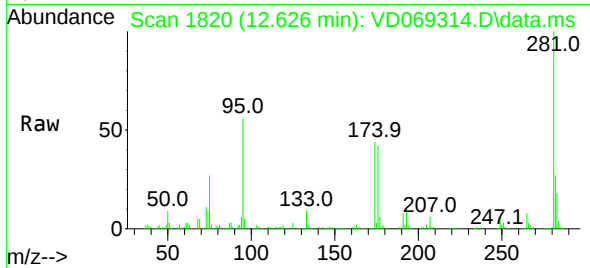




#62
4-Bromofluorobenzene
Concen: 56.29 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

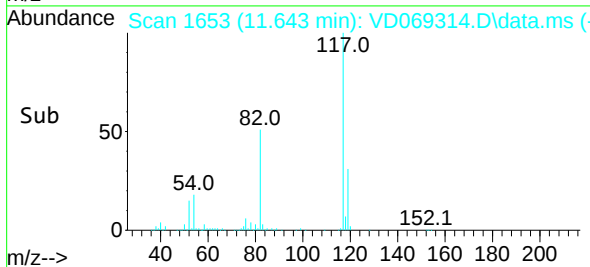
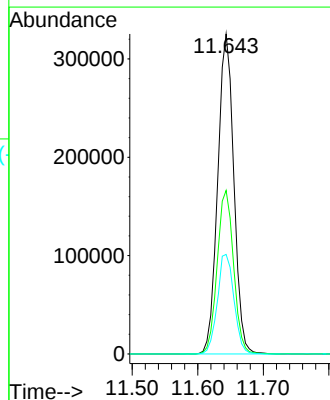
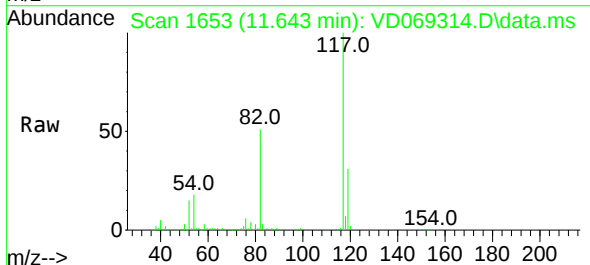
Instrument :
MSVOA_D
ClientSampleId :

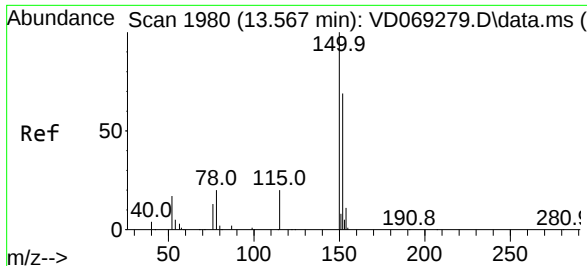
Tgt Ion: 95 Resp: 243158
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.8
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Tgt Ion: 117 Resp: 553045
Ion Ratio Lower Upper
117 100
82 51.1 43.3 64.9
119 31.1 25.3 37.9

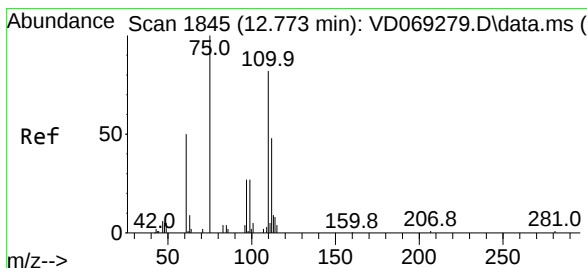
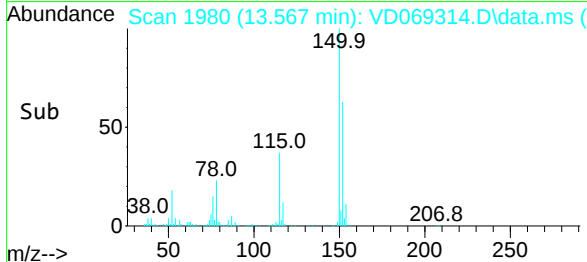
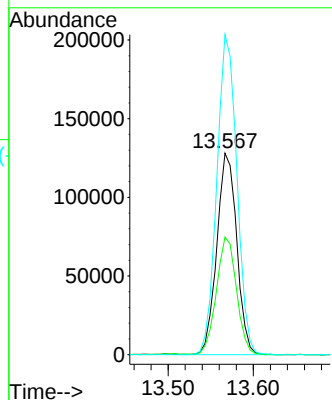
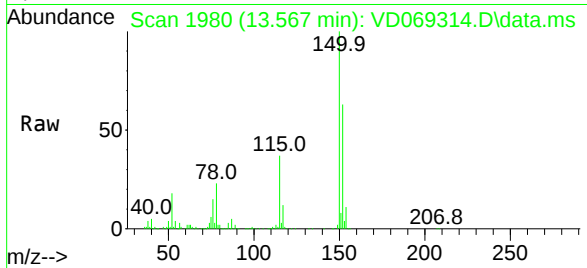




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

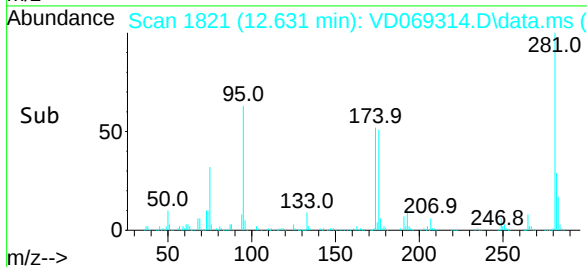
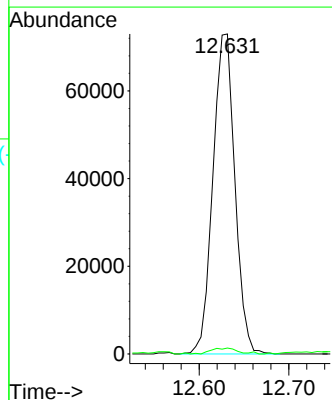
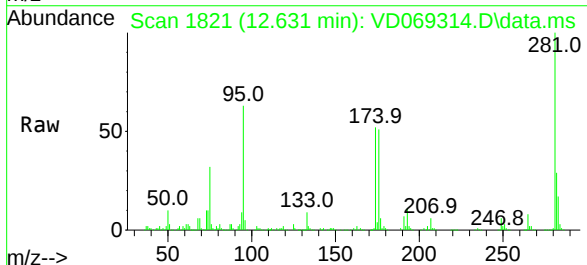
Instrument :
MSVOA_D
ClientSampleId :

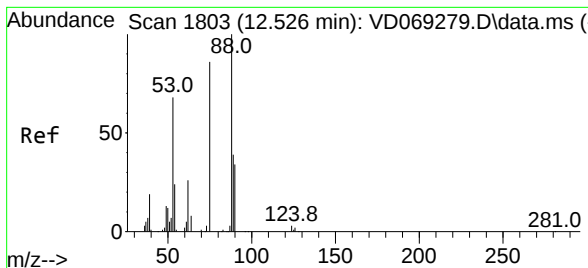
Tgt Ion:152 Resp: 208666
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.3
150 159.5 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 68.46 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

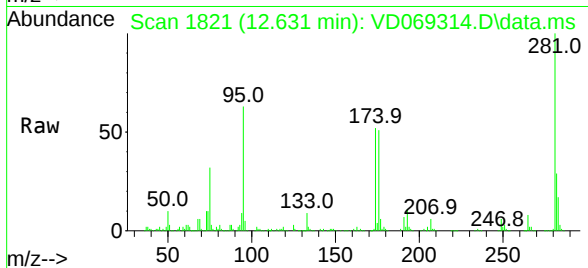
Tgt Ion: 75 Resp: 124119
Ion Ratio Lower Upper
75 100
77 2.2 183.8 551.2#



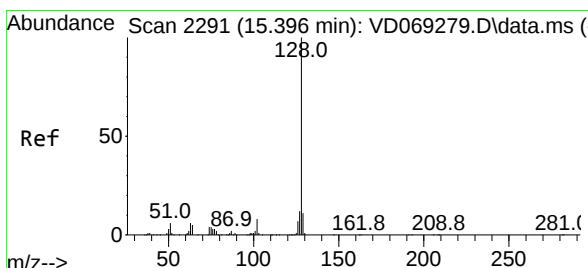
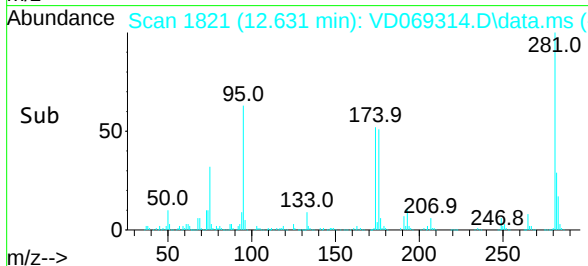
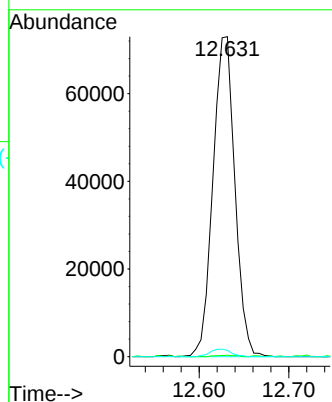


#81
trans-1,4-Dichloro-2-butene
Concen: 151.71 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 124119
Ion Ratio Lower Upper
75 100
53 0.4 62.6 94.0#
89 2.3 35.6 53.4#



#95
Naphthalene
Concen: 5.68 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069314.D
Acq: 02 Jun 2021 21:11

Tgt Ion: 128 Resp: 18095
Ion Ratio Lower Upper
128 100
127 15.6 10.4 15.6#
129 12.2 8.8 13.2

