

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069481.D
 Acq On : 17 Jun 2021 15:50
 Operator : VA/SY
 Sample : M2734-01
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 18 01:27:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

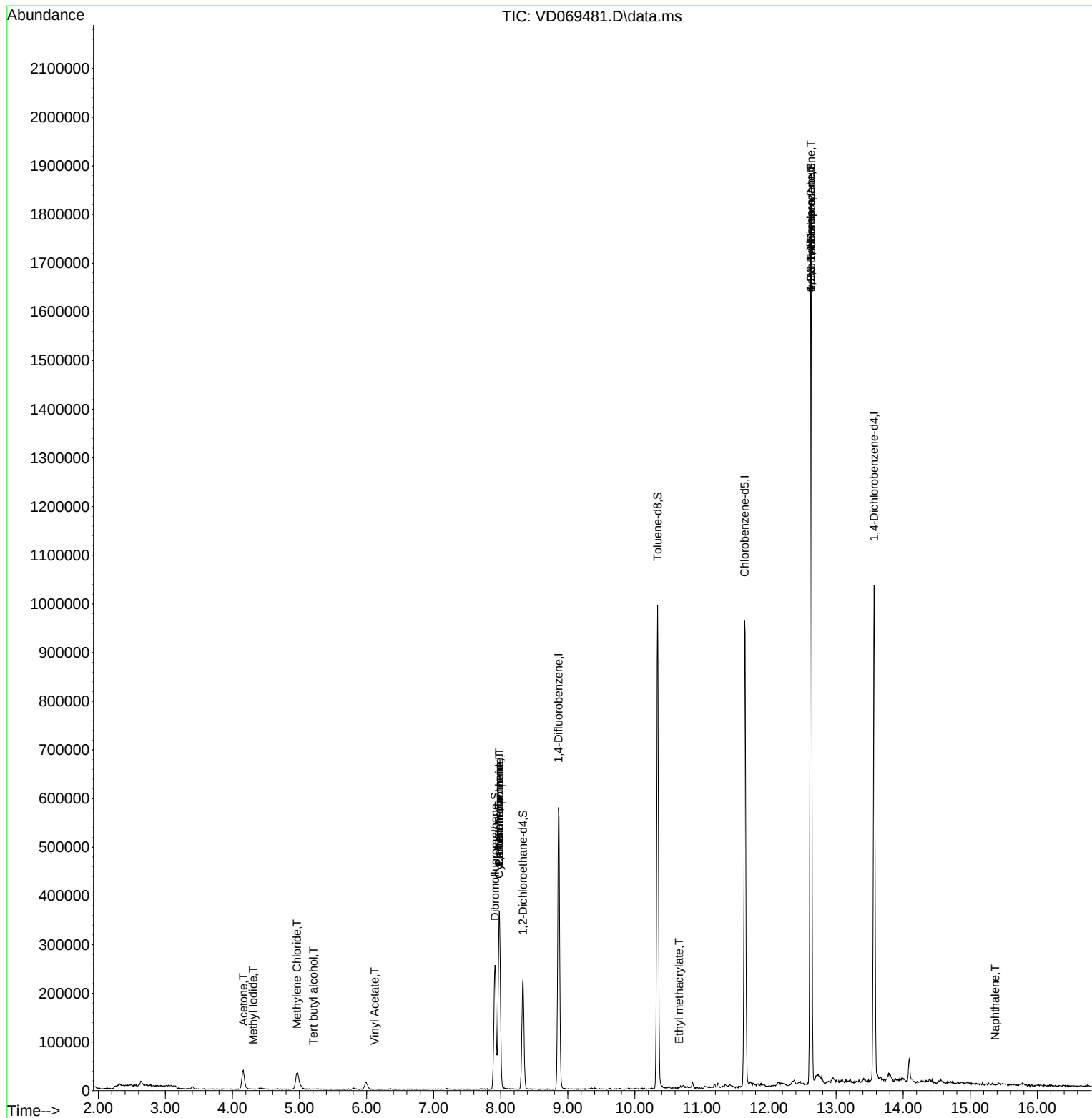
Internal Standards						
1) Pentafluorobenzene	7.979	168	273676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	521880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181328	58.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.460%			
35) Dibromofluoromethane	7.914	113	188912	48.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.660%			
50) Toluene-d8	10.338	98	683620	47.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.626	95	283810	61.869	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.740%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	717	Below Cal	#	18
10) Methyl Iodide	4.309	142	193	3.389	ug/l #	39
11) Tert butyl alcohol	5.209	59	206	1.283	ug/l #	73
16) Acetone	4.162	43	67594	132.264	ug/l	97
18) Methyl Acetate	4.721	43	70	Below Cal	#	46
20) Methylene Chloride	4.962	84	30178	1.468	ug/l #	87
23) Vinyl Acetate	6.120	43	56	17.589	ug/l #	67
31) Cyclohexane	7.973	56	5441	1.297	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	21902	4.030	ug/l #	48
38) Carbon Tetrachloride	7.979	117	28385	4.822	ug/l #	15
56) Ethyl methacrylate	10.661	69	660	3.002	ug/l #	52
76) 1,2,3-Trichloropropane	12.626	75	147872	51.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	147872	138.711	ug/l #	20
95) Naphthalene	15.373	128	403	3.609	ug/l #	77

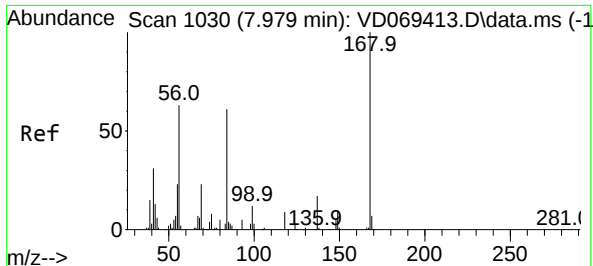
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:27:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

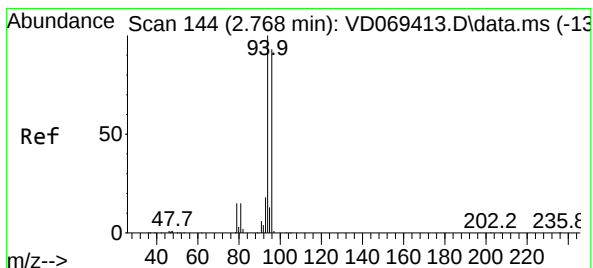
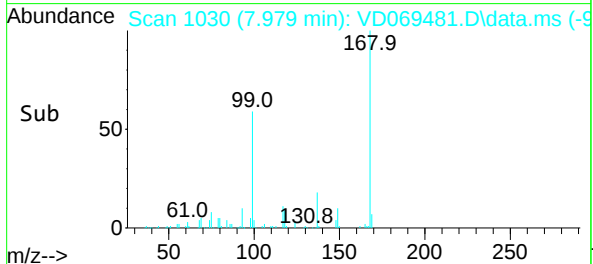
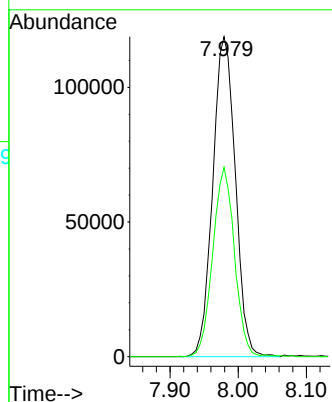
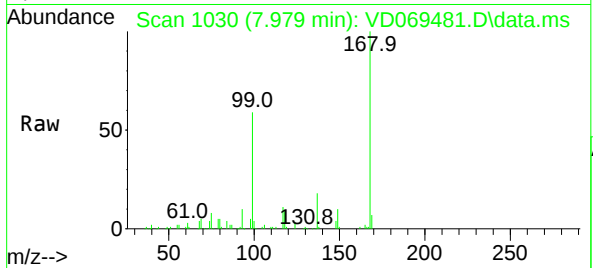




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

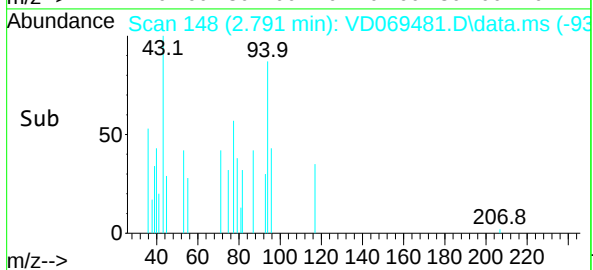
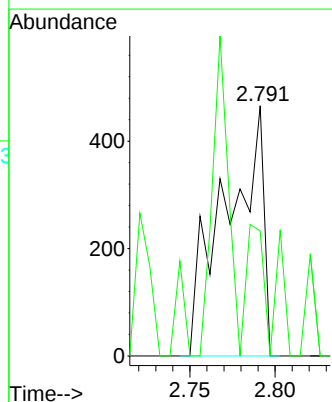
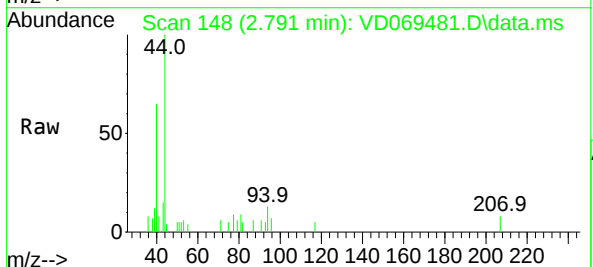
Instrument :
MSVOA_D
ClientSampled :

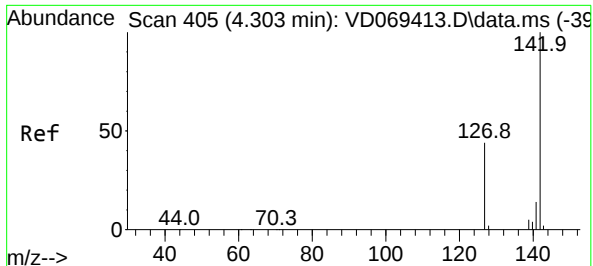
Tgt Ion:168 Resp: 273676
Ion Ratio Lower Upper
168 100
99 59.0 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

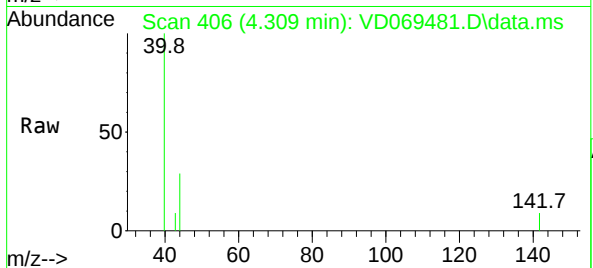
Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 12.0 70.3 105.5#



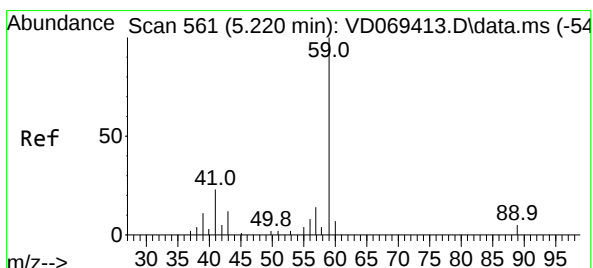
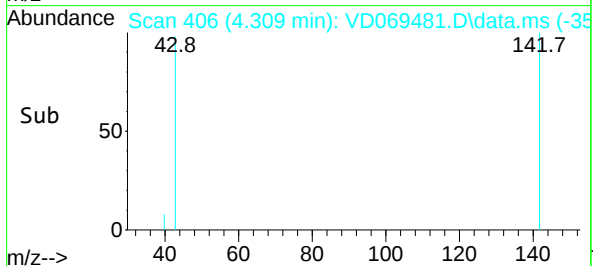
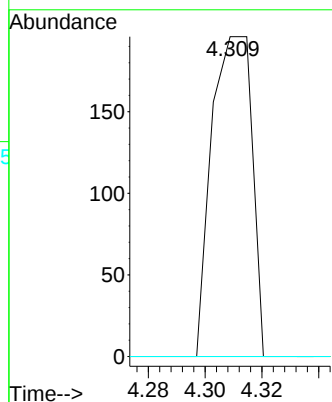


#10
Methyl Iodide
Concen: 3.389 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Instrument :
MSVOA_D
ClientSampled :

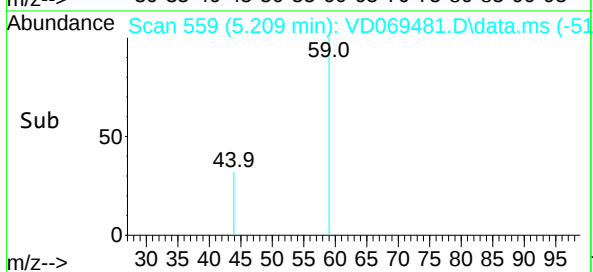
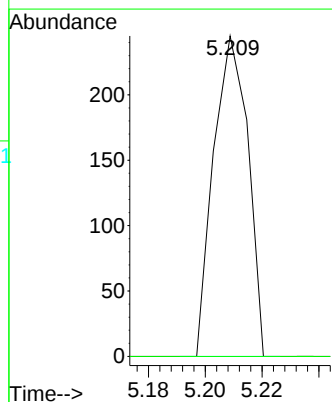
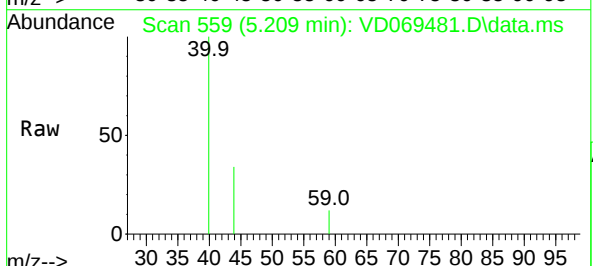


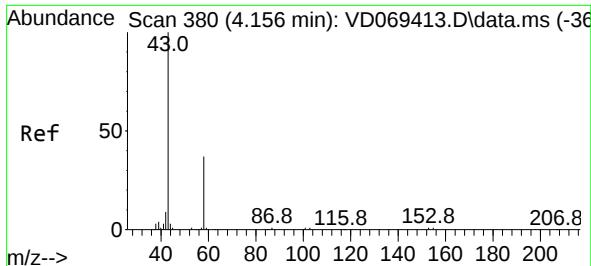
Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



#11
Tert butyl alcohol
Concen: 1.283 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

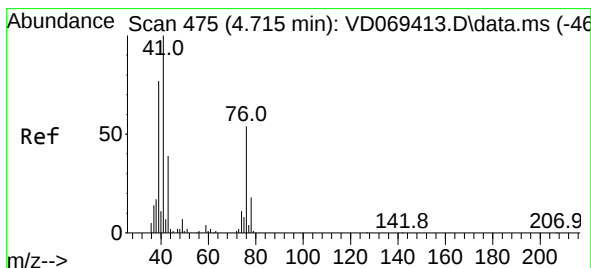
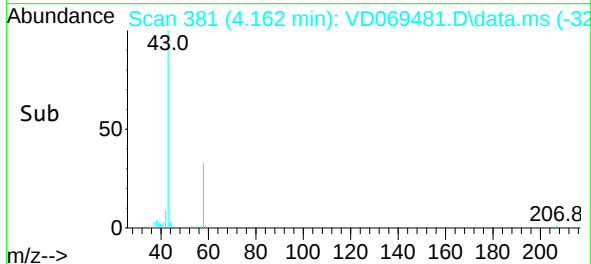
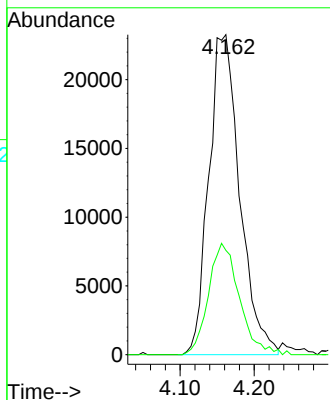
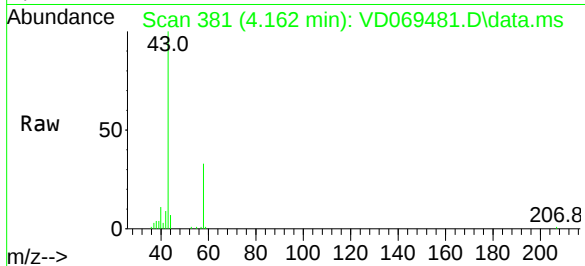




#16
Acetone
Concen: 132.264 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

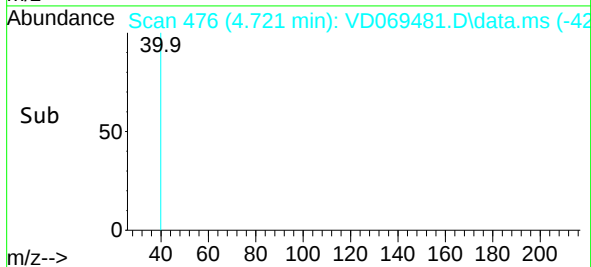
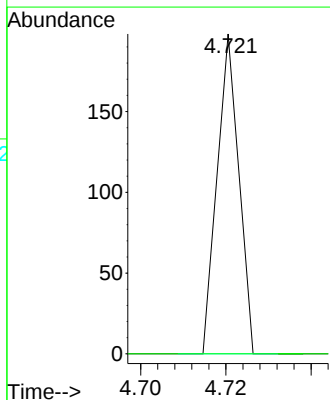
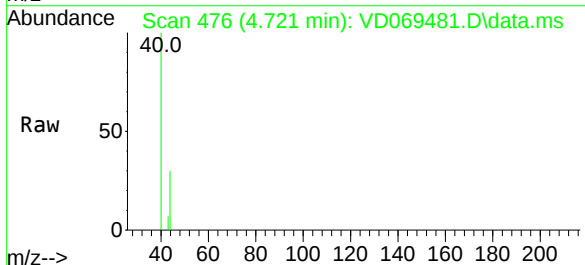
Instrument :
MSVOA_D
ClientSampled :

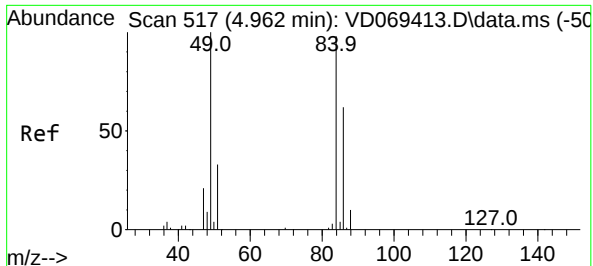
Tgt Ion: 43 Resp: 67594
Ion Ratio Lower Upper
43 100
58 32.6 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

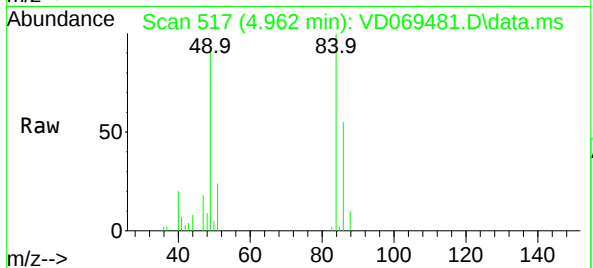
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



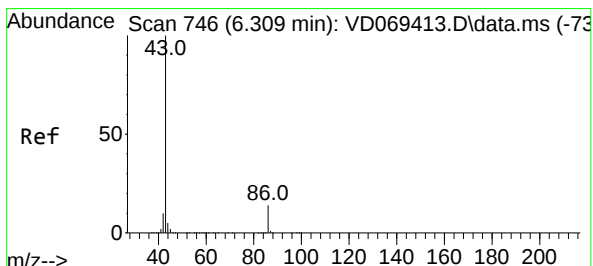
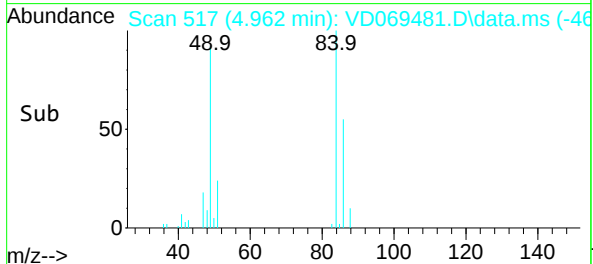
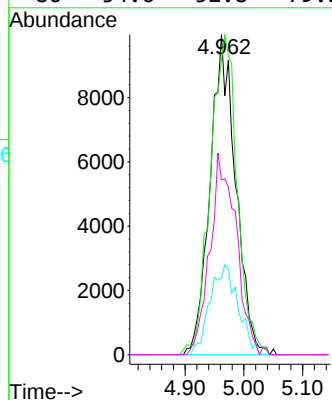


#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Instrument :
MSVOA_D
ClientSampled :

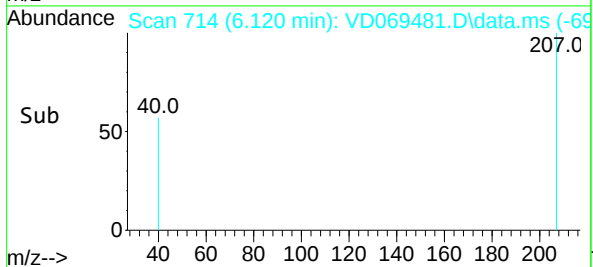
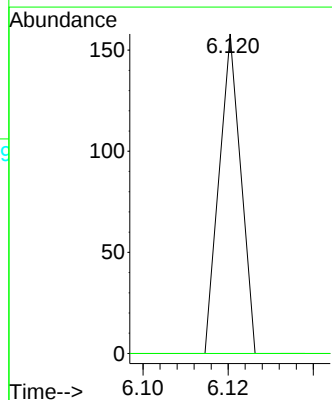
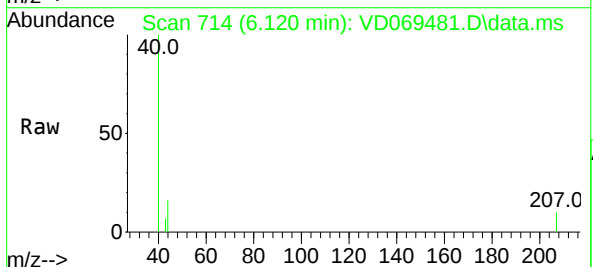


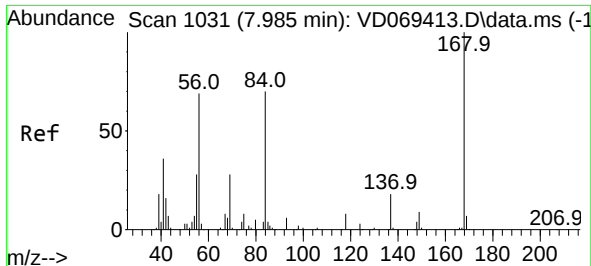
Tgt Ion:	84	Resp:	30178
Ion	Ratio	Lower	Upper
84	100		
49	92.3	83.7	125.5
51	24.2	26.4	39.6#
86	54.6	52.8	79.2



#23
Vinyl Acetate
Concen: 17.589 ug/l
RT: 6.120 min Scan# 714
Delta R.T. -0.189 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion:	43	Resp:	56
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

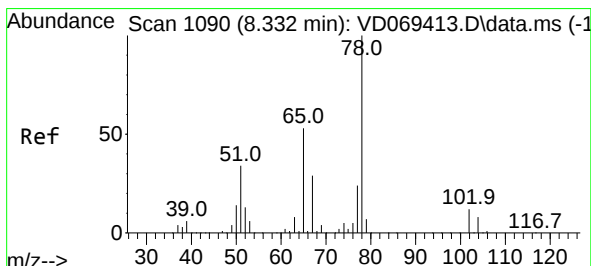
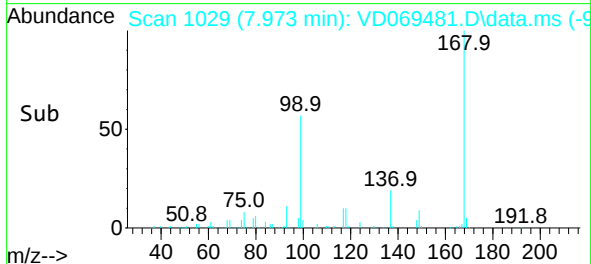
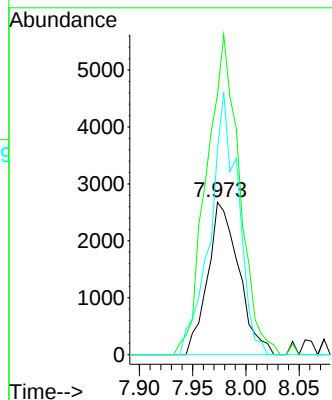
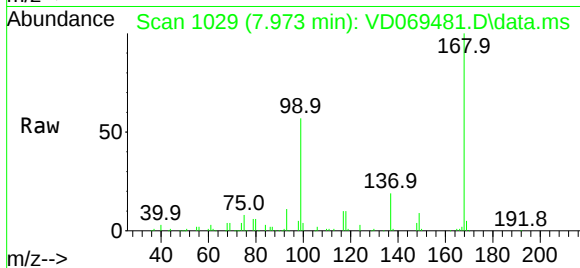




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

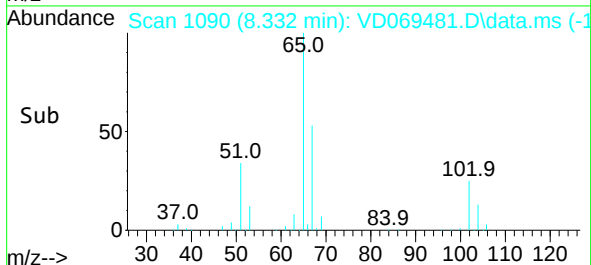
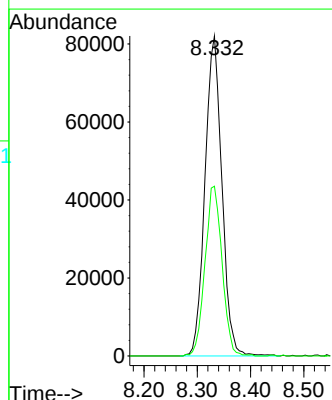
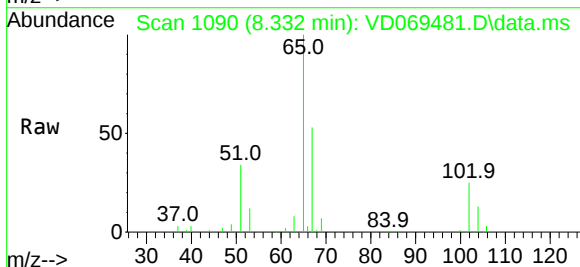
Instrument :
MSVOA_D
ClientSampled :

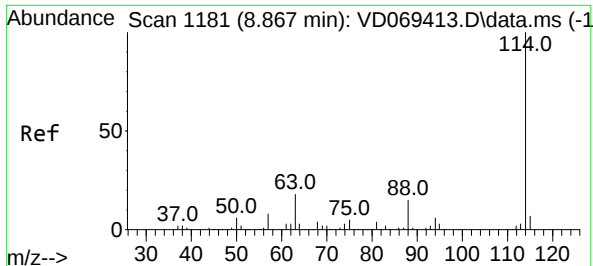
Tgt Ion: 56 Resp: 5441
Ion Ratio Lower Upper
56 100
69 170.4 29.0 43.4#
84 134.4 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 58.730 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 65 Resp: 181328
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

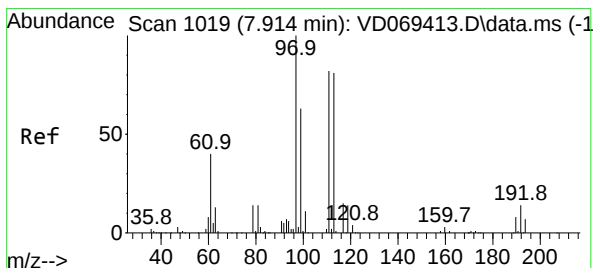
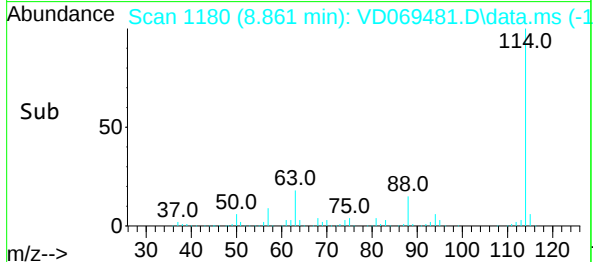
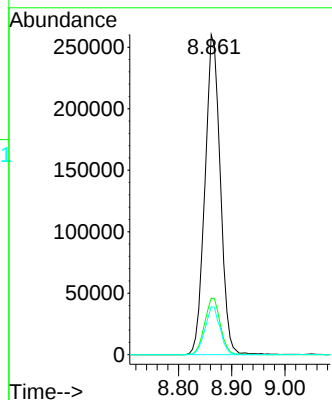
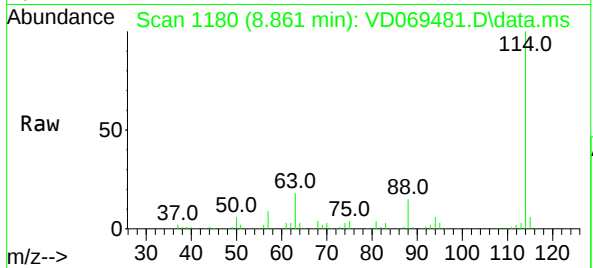




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

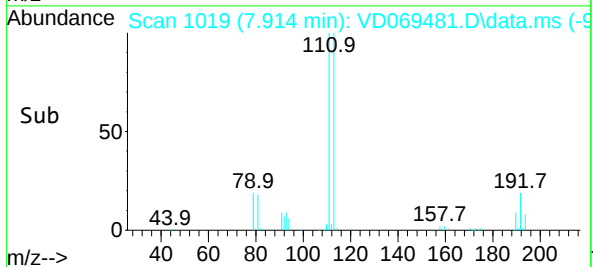
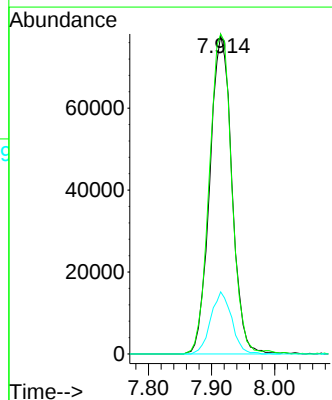
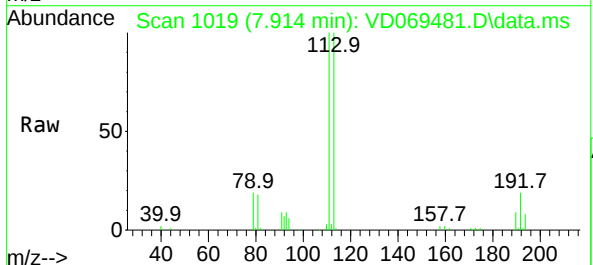
Instrument :
MSVOA_D
ClientSampleId :

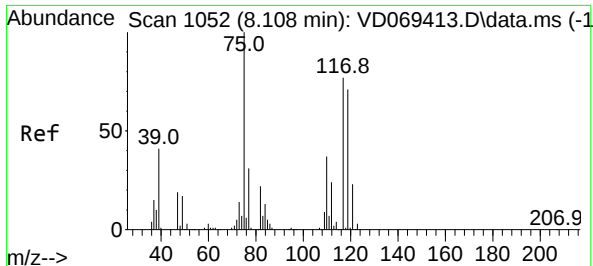
Tgt Ion:114 Resp: 521880
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 48.329 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion:113 Resp: 188912
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 18.5 15.1 22.7

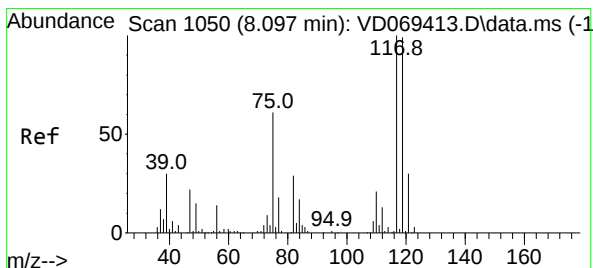
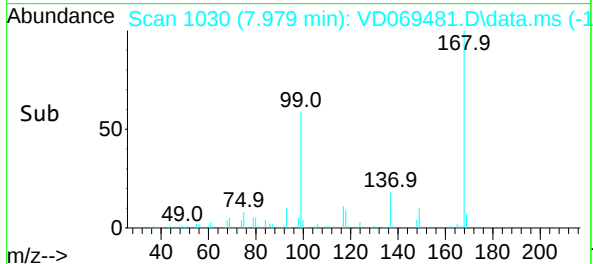
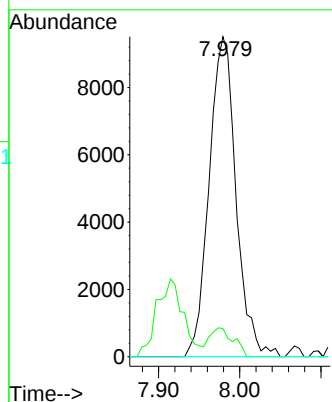
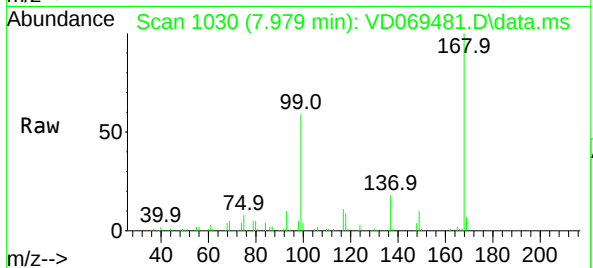




#36
1,1-Dichloropropene
Concen: 4.030 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

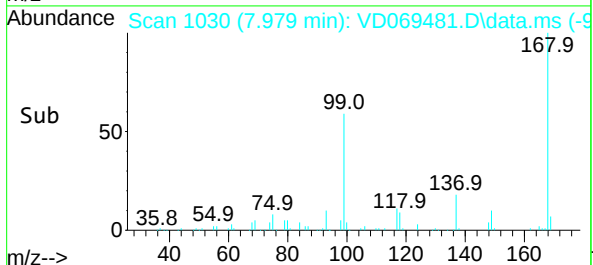
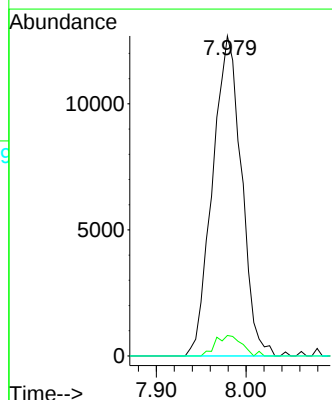
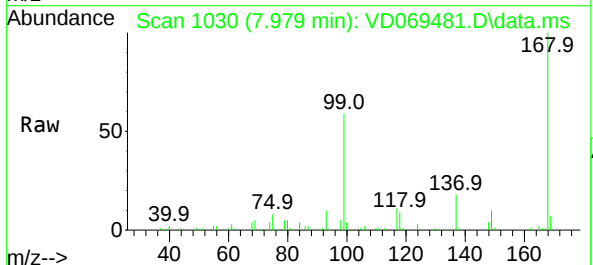
Instrument :
MSVOA_D
ClientSampled :

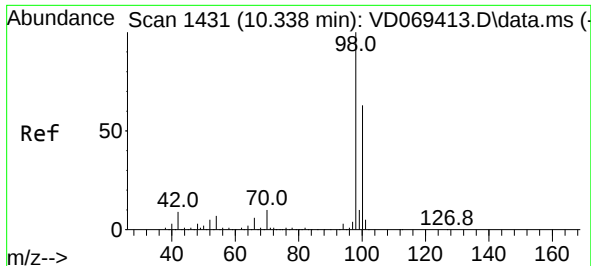
Tgt Ion: 75 Resp: 21902
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.822 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 117 Resp: 28385
Ion Ratio Lower Upper
117 100
119 6.4 79.4 119.2#
121 0.0 26.1 39.1#

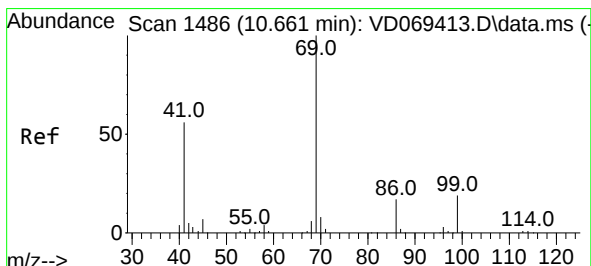
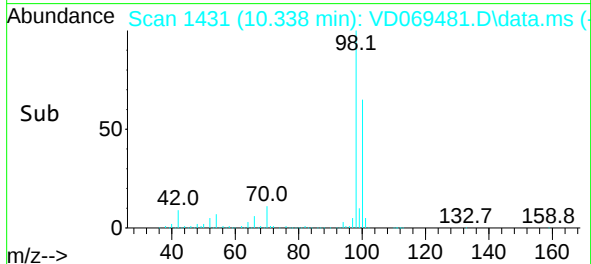
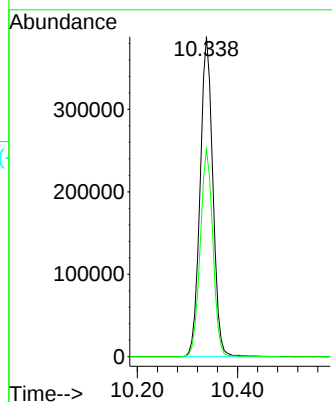
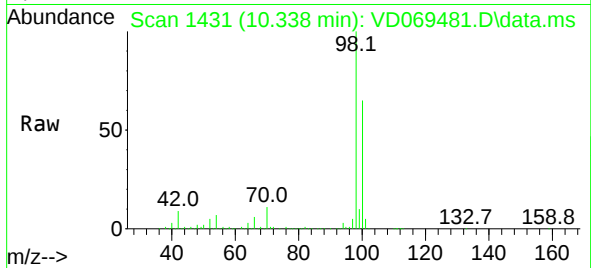




#50
Toluene-d8
Concen: 47.817 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

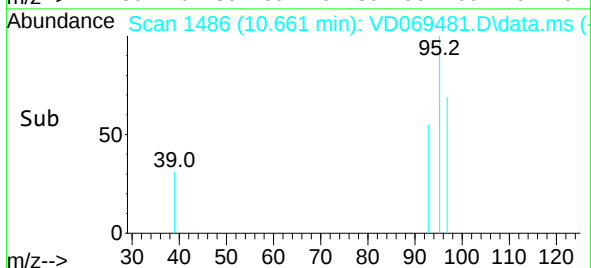
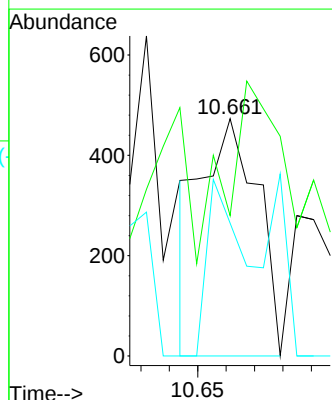
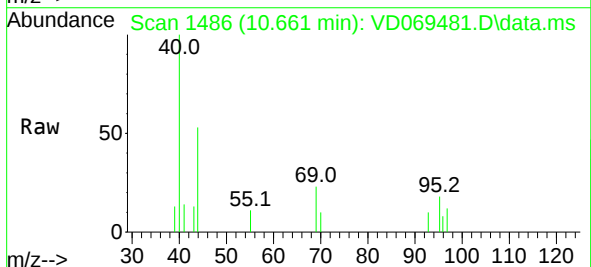
Instrument :
MSVOA_D
ClientSampled :

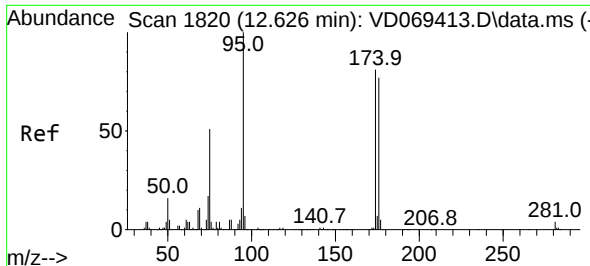
Tgt Ion: 98 Resp: 683620
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#56
Ethyl methacrylate
Concen: 3.002 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 69 Resp: 660
Ion Ratio Lower Upper
69 100
41 90.5 45.4 68.2#
39 0.0 21.7 32.5#

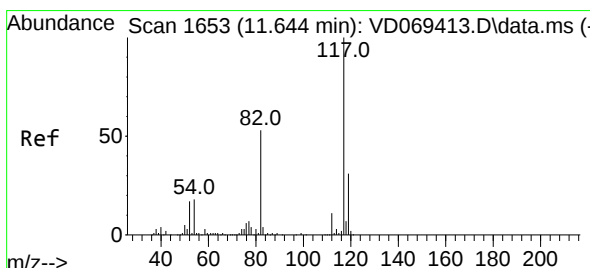
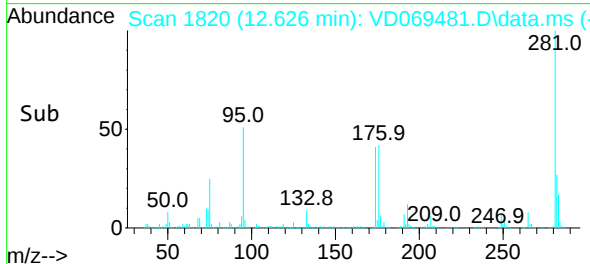
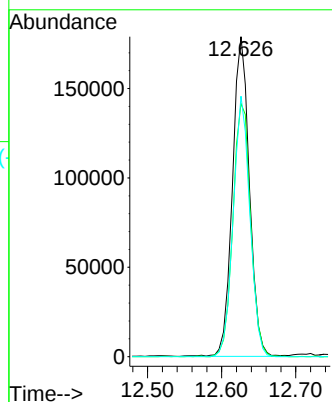
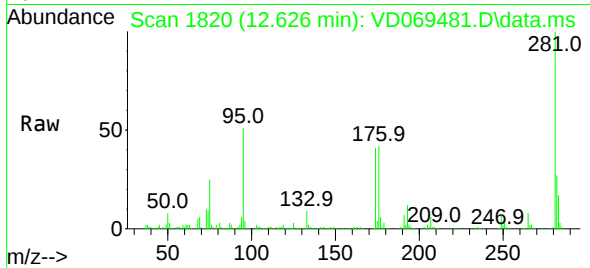




#62
4-Bromofluorobenzene
Concen: 61.869 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

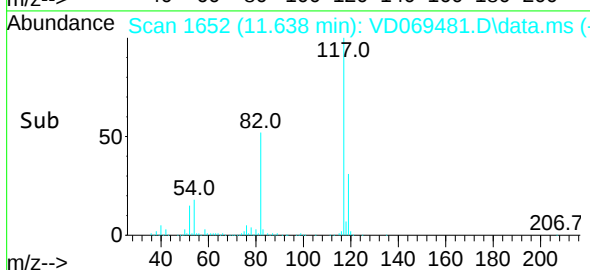
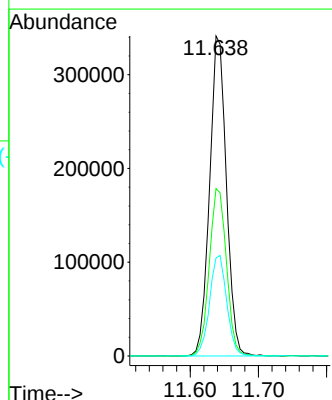
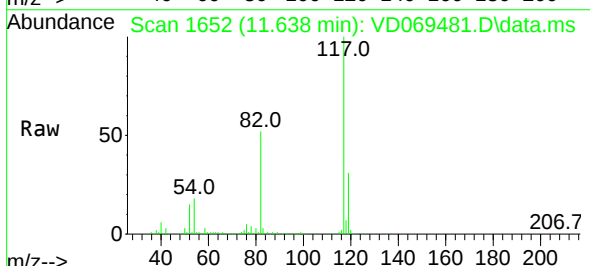
Instrument :
MSVOA_D
ClientSampleId :

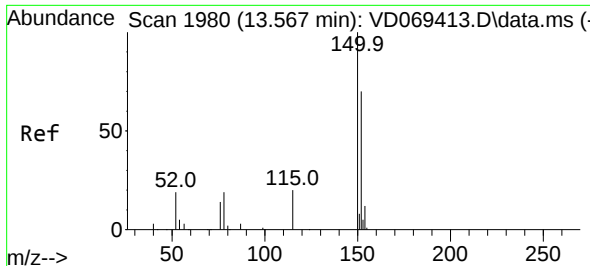
Tgt Ion: 95 Resp: 283810
Ion Ratio Lower Upper
95 100
174 82.5 0.0 162.8
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 117 Resp: 584800
Ion Ratio Lower Upper
117 100
82 52.2 43.3 64.9
119 30.6 25.3 37.9

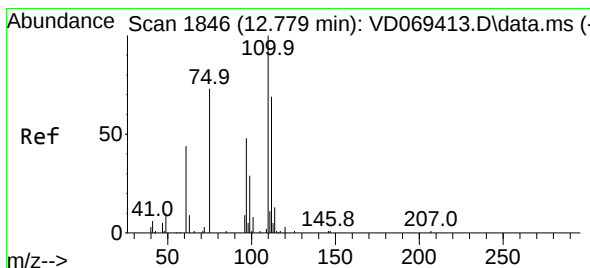
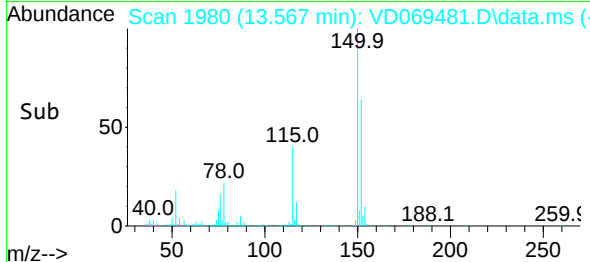
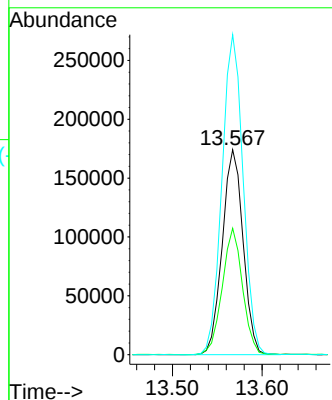
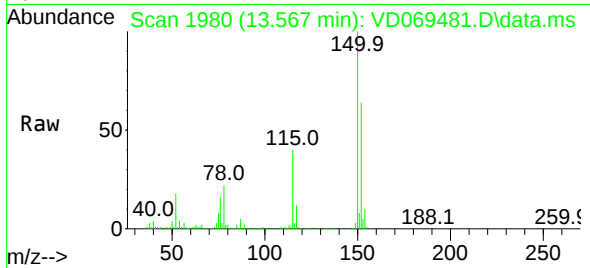




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

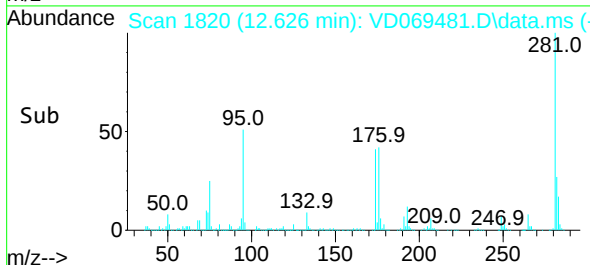
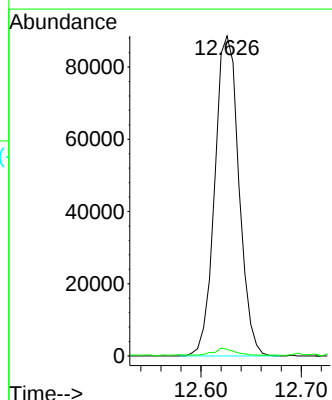
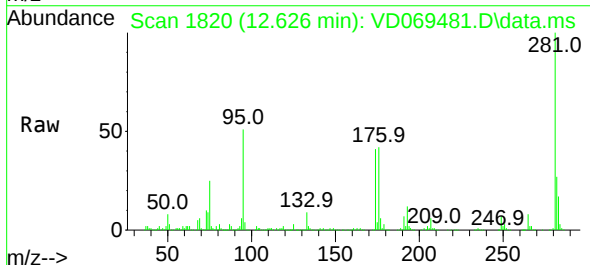
Instrument :
MSVOA_D
ClientSampleId :

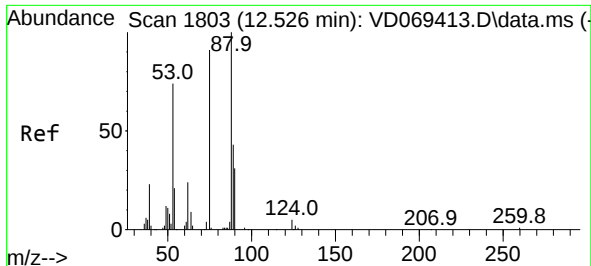
Tgt Ion:152 Resp: 280512
Ion Ratio Lower Upper
152 100
115 60.4 29.4 88.3
150 158.3 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 51.996 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

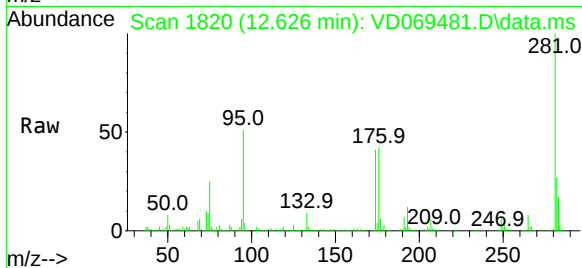
Tgt Ion: 75 Resp: 147872
Ion Ratio Lower Upper
75 100
77 2.1 183.8 551.2#



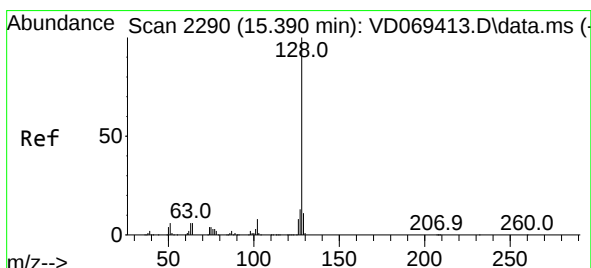
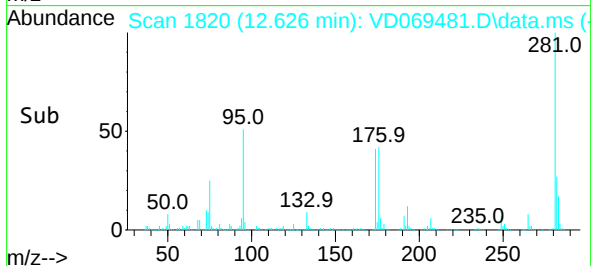
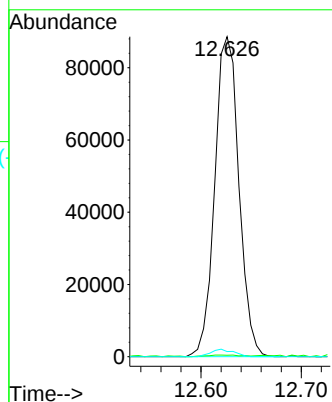


#81
trans-1,4-Dichloro-2-butene
Concen: 138.711 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 147872
Ion Ratio Lower Upper
75 100
53 0.8 62.6 94.0#
89 2.2 35.6 53.4#



#95
Naphthalene
Concen: 3.609 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.017 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 128 Resp: 403
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 15.6 8.8 13.2#

