

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069390.D
 Acq On : 08 Jun 2021 14:21
 Operator : VA/SY
 Sample : M2638-02
 Misc : 12.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 02:09:33 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)

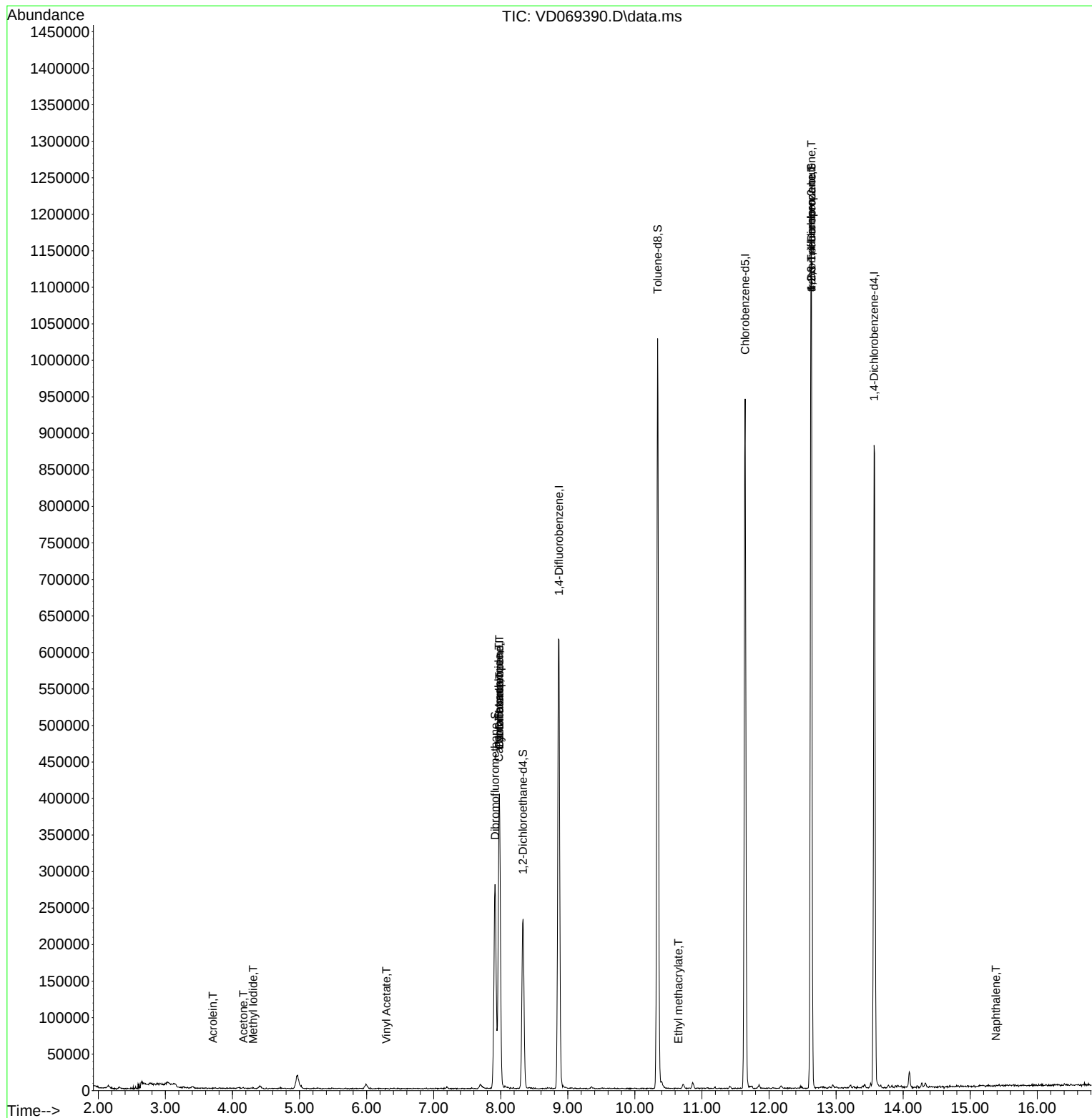
Internal Standards						
1) Pentafluorobenzene	7.979	168	304163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	560517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	572323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	249877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184266	63.137	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.280%		
35) Dibromofluoromethane	7.914	113	204256	58.029	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.060%		
50) Toluene-d8	10.338	98	715493	55.899	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.800%		
62) 4-Bromofluorobenzene	12.632	95	238408	56.843	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 113.680%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	378	2.615	ug/l #	59
11) Tert butyl alcohol	5.209	59	143	Below Cal	#	73
13) Acrolein	3.709	56	58	17.422	ug/l #	16
16) Acetone	4.162	43	972	1.908	ug/l #	78
20) Methylene Chloride	4.968	84	14113	Below Cal		94
23) Vinyl Acetate	6.297	43	79	11.628	ug/l #	67
31) Cyclohexane	7.979	56	7471	1.611	ug/l #	43
36) 1,1-Dichloropropene	7.979	75	23551	4.323	ug/l #	49
38) Carbon Tetrachloride	7.973	117	30723	5.223	ug/l #	15
56) Ethyl methacrylate	10.650	69	60	2.654	ug/l #	13
76) 1,2,3-Trichloropropane	12.632	75	122127	56.253	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	122127	124.658	ug/l #	18
95) Naphthalene	15.385	128	495	3.356	ug/l #	69

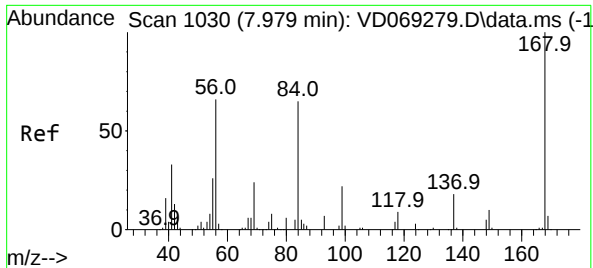
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069390.D
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MSVOA_D
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Quant Time: Jun 09 02:09:33 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

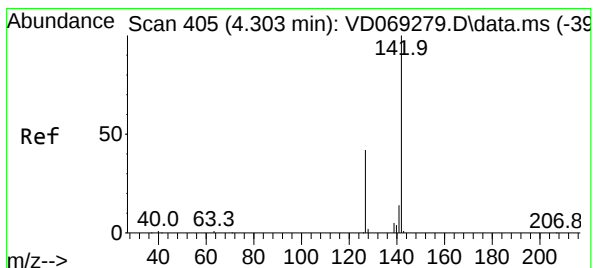
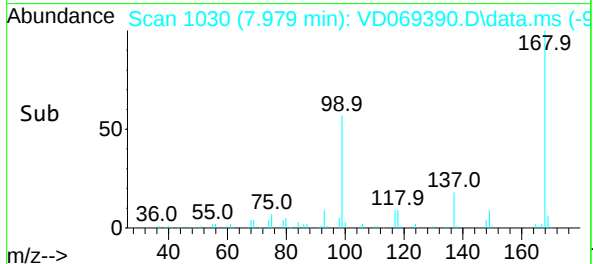
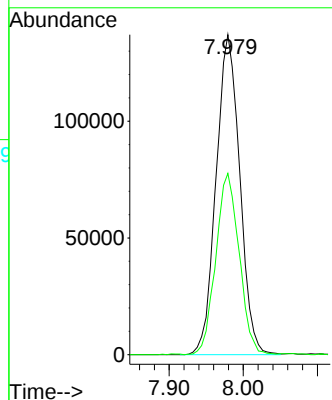
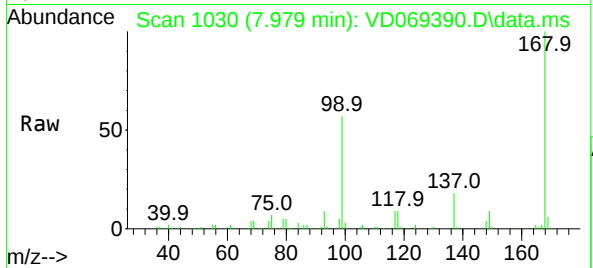




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

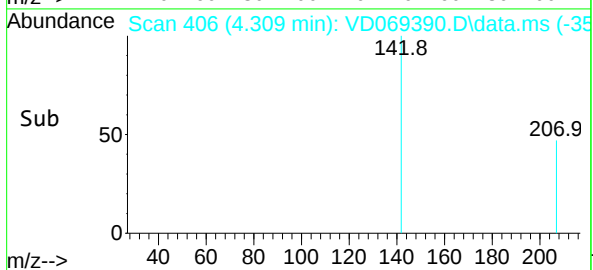
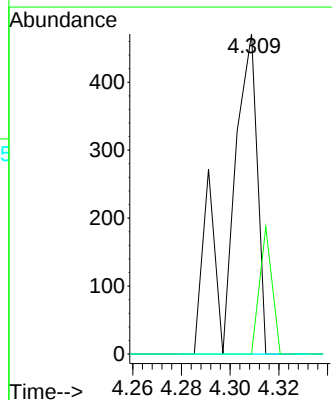
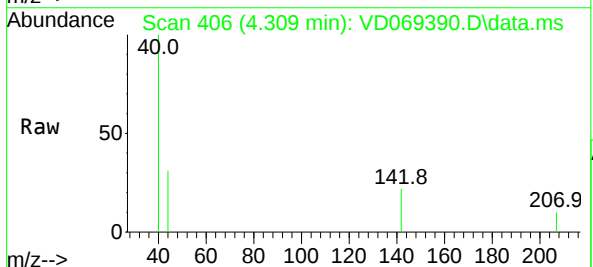
Instrument :
MSVOA_D
ClientSampled :

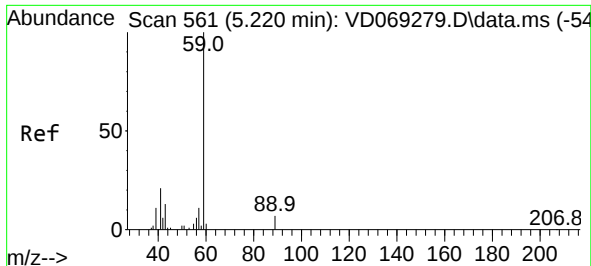
Tgt Ion:168 Resp: 304163
Ion Ratio Lower Upper
168 100
99 56.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.615 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
142 100
127 17.5 36.2 54.2#
141 0.0 12.2 18.2#

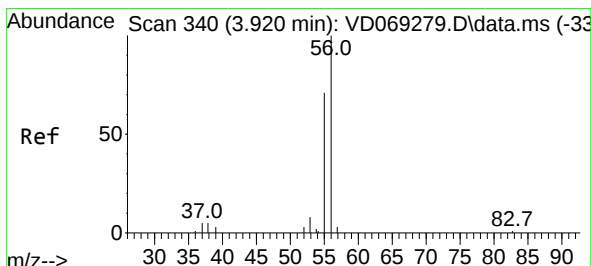
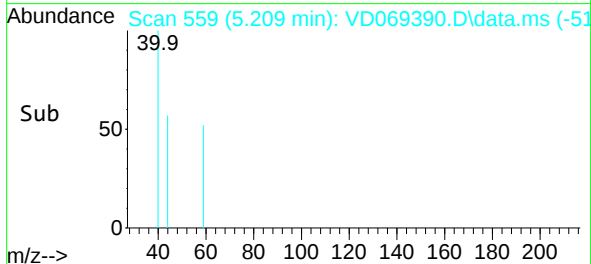
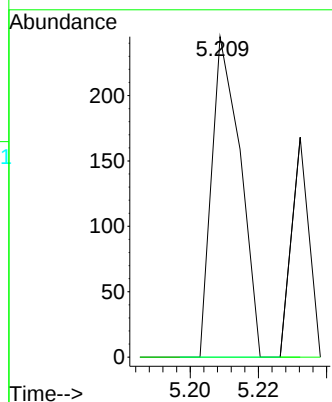
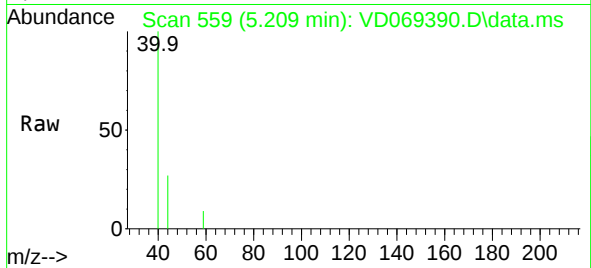




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

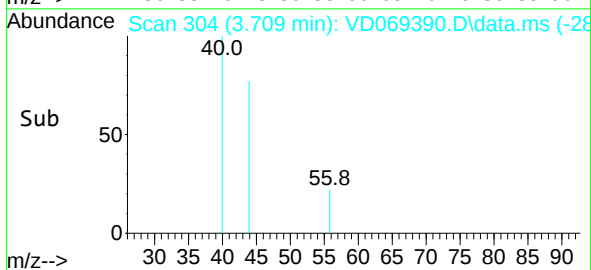
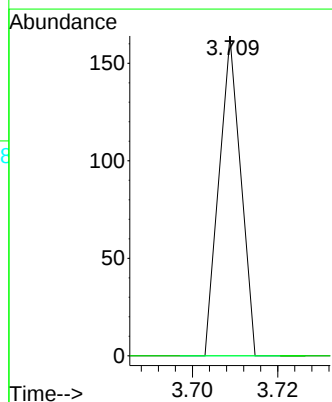
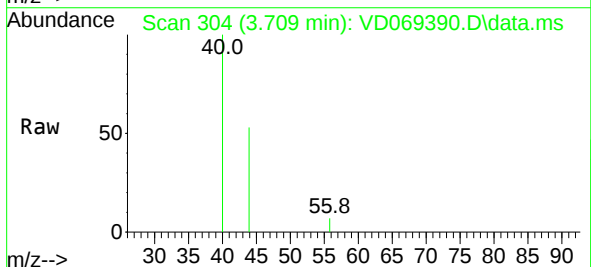
Instrument :
MSVOA_D
ClientSampled :

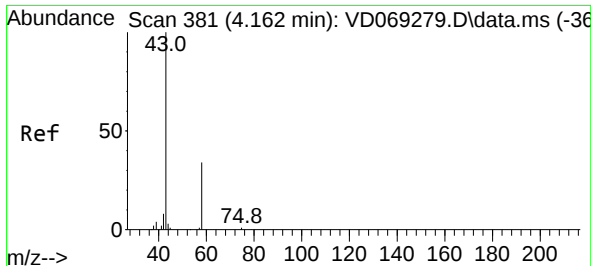
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 17.422 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.211 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.8#

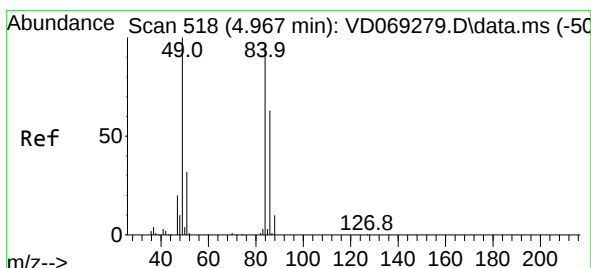
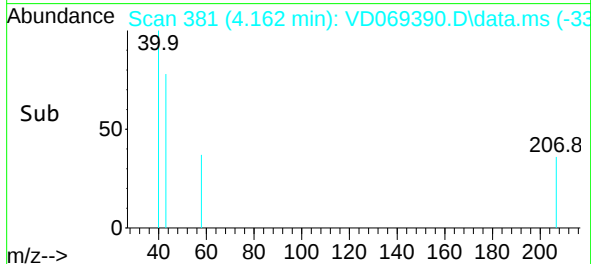
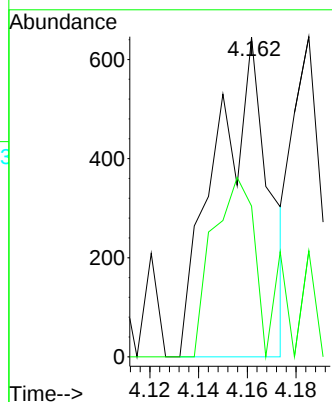
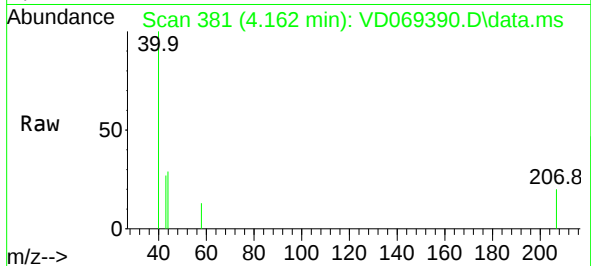




#16
Acetone
Concen: 1.908 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

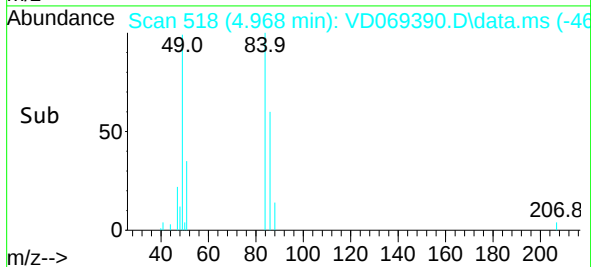
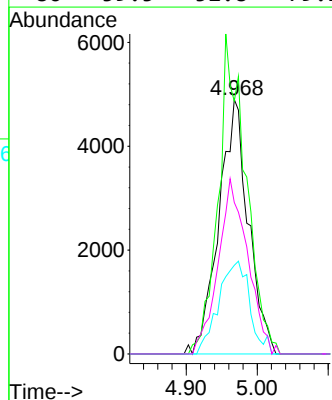
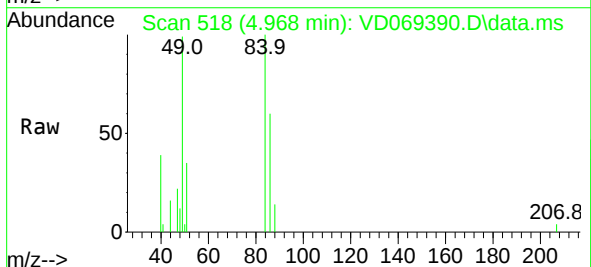
Instrument :
MSVOA_D
ClientSampled :

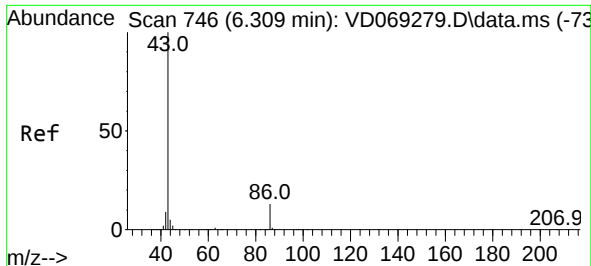
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 47.1 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 84 Resp: 14113
Ion Ratio Lower Upper
84 100
49 99.3 83.7 125.5
51 34.8 26.4 39.6
86 59.5 52.8 79.2

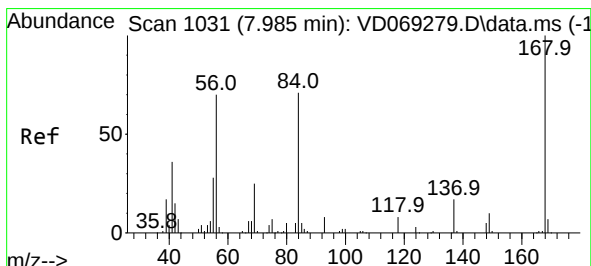
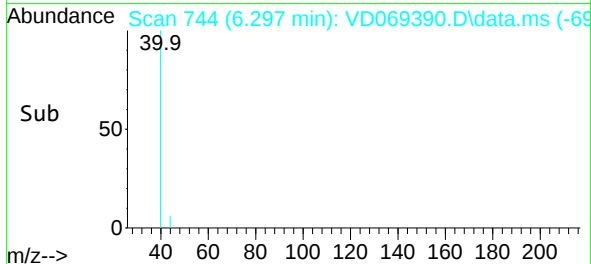
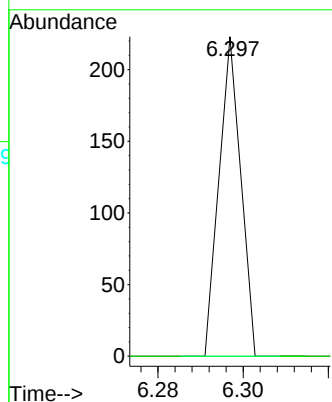
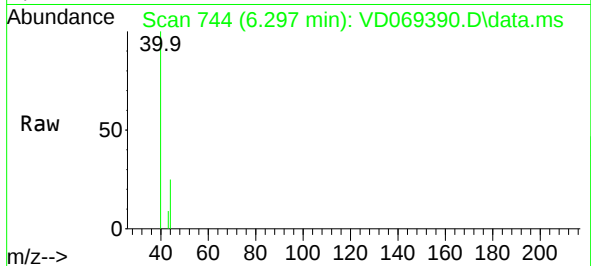




#23
 Vinyl Acetate
 Concen: 11.628 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.012 min
 Lab File: VD069390.D
 Acq: 08 Jun 2021 14:21

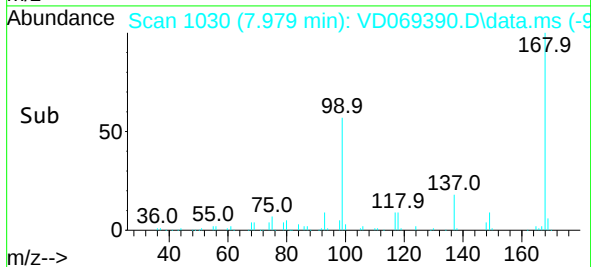
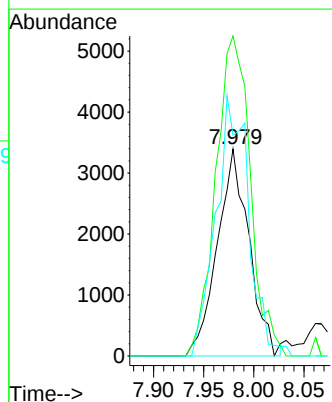
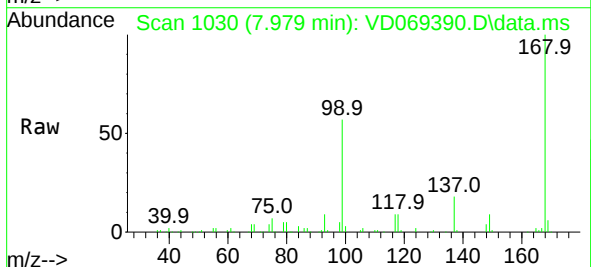
Instrument :
 MSVOA_D
 ClientSampled :

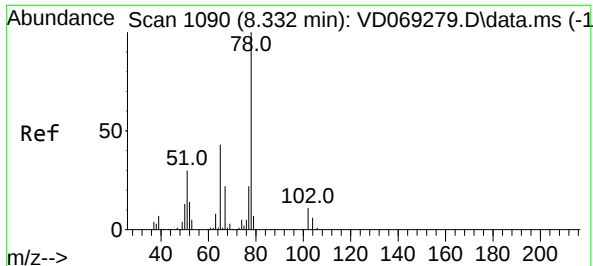
Tgt Ion: 43 Resp: 79
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.611 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069390.D
 Acq: 08 Jun 2021 14:21

Tgt Ion: 56 Resp: 7471
 Ion Ratio Lower Upper
 56 100
 69 154.6 29.0 43.4#
 84 106.7 81.1 121.7



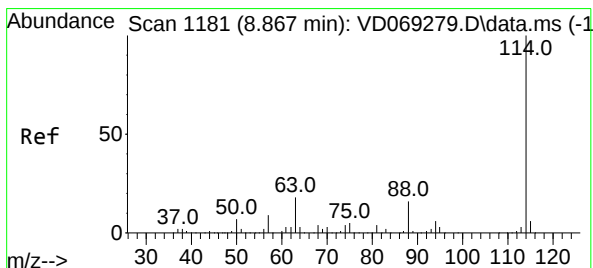
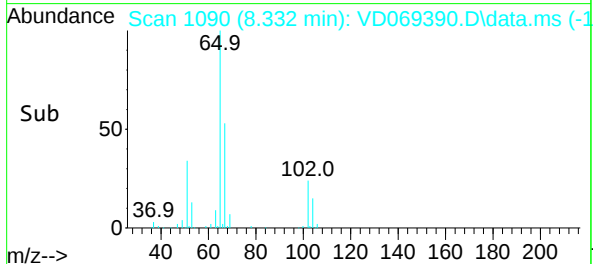
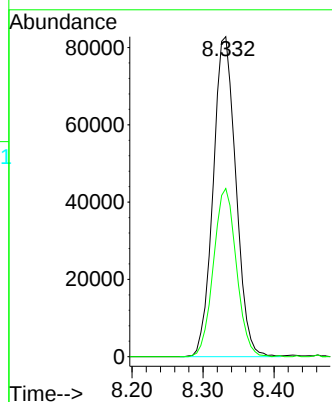
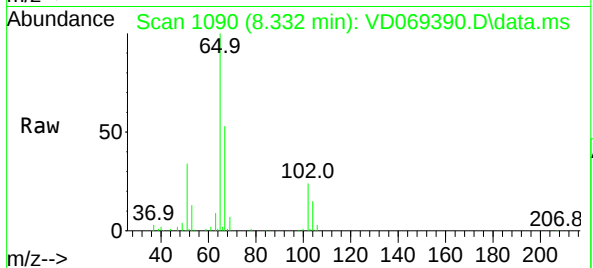


#33

1,2-Dichloroethane-d4
Concen: 63.137 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampled :

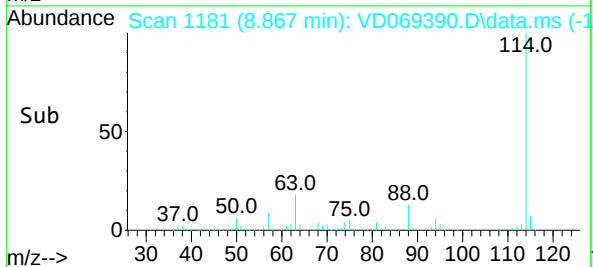
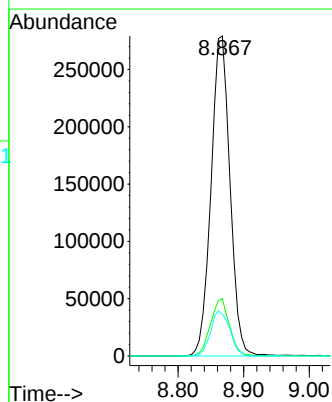
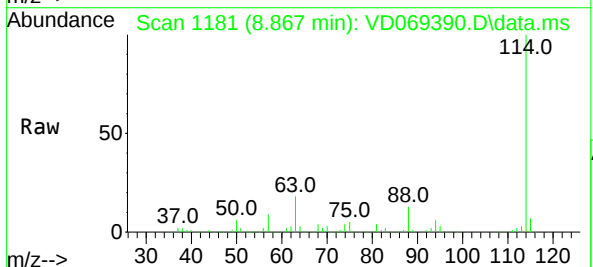
Tgt Ion: 65 Resp: 184266
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

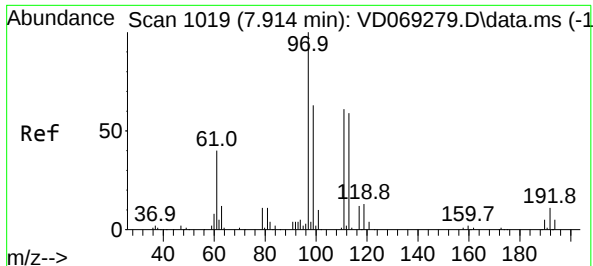


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 114 Resp: 560517
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 13.1 0.0 31.2



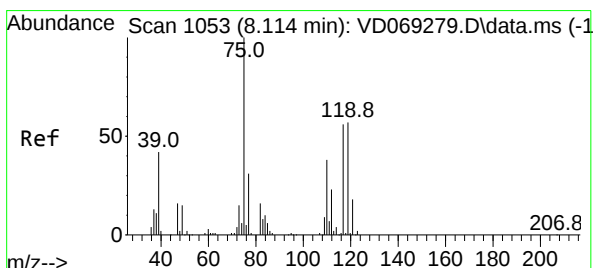
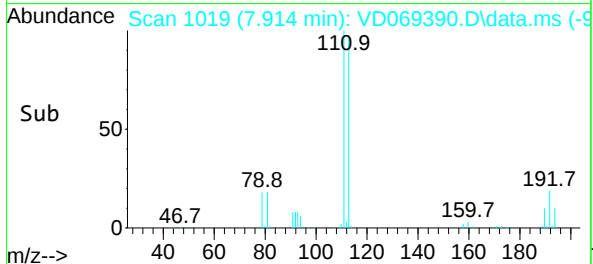
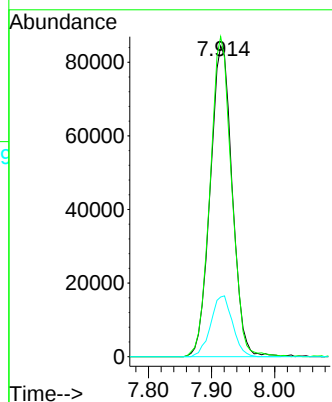
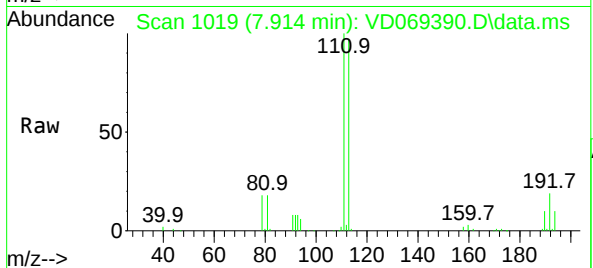


#35

Dibromofluoromethane
Concen: 58.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampled :

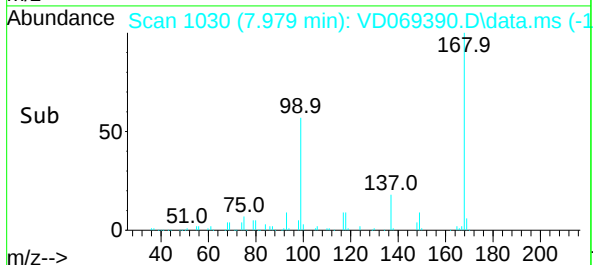
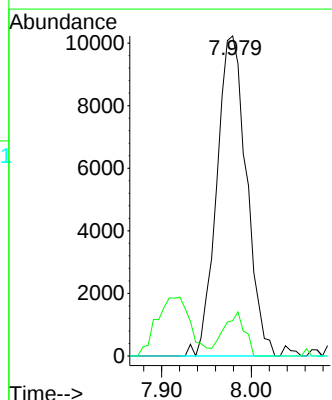
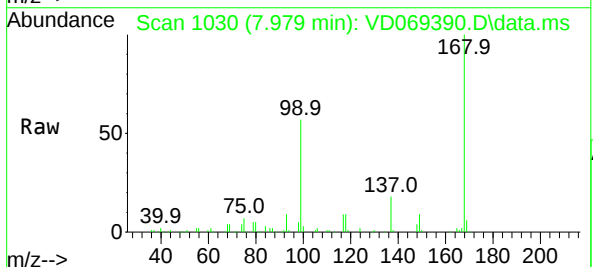
Tgt Ion:113 Resp: 204256
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 19.4 15.1 22.7

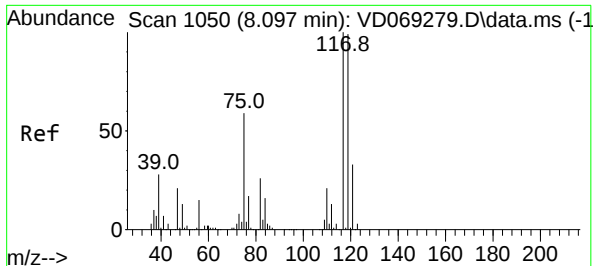


#36

1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 75 Resp: 23551
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.9 37.3#

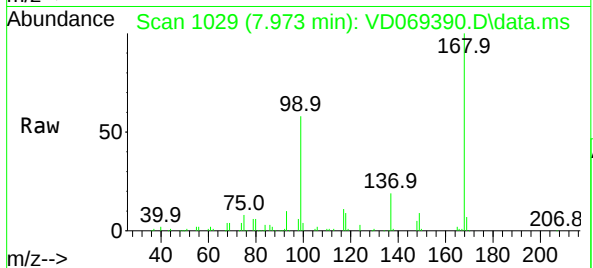




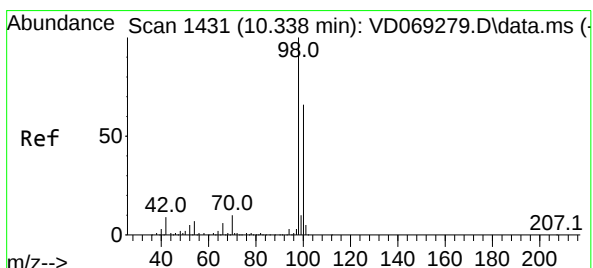
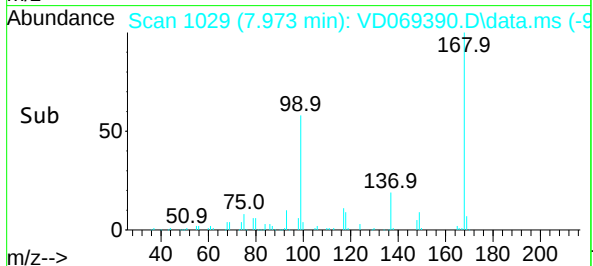
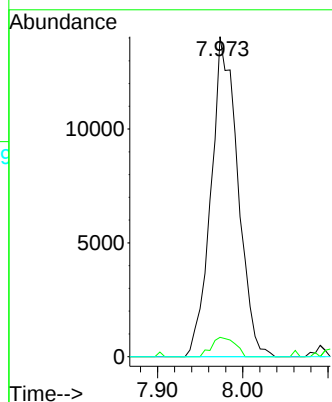
#38

Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :



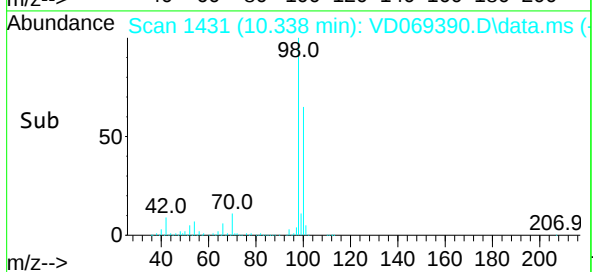
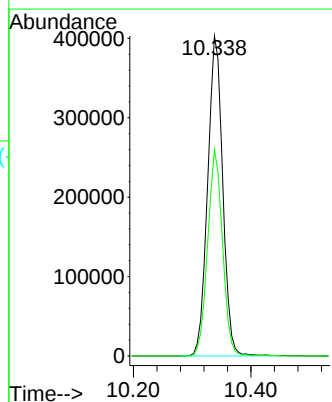
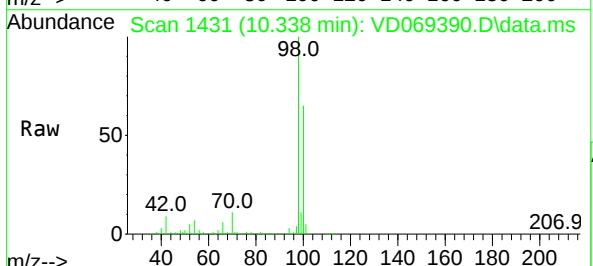
Tgt Ion:117 Resp: 30723
Ion Ratio Lower Upper
117 100
119 6.1 79.4 119.2#
121 0.0 26.1 39.1#

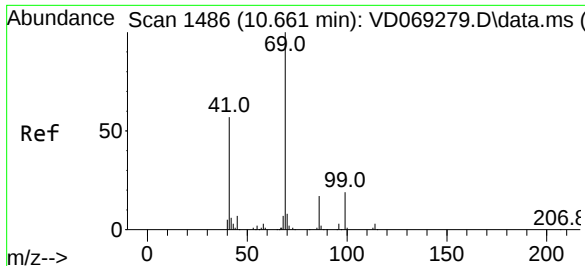


#50

Toluene-d8
Concen: 55.899 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 98 Resp: 715493
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

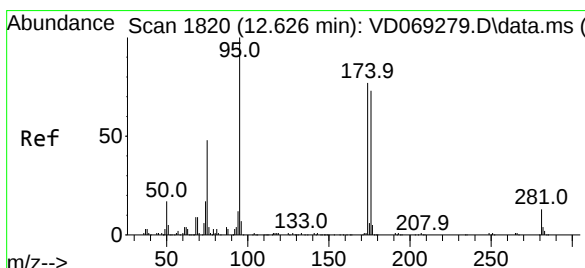
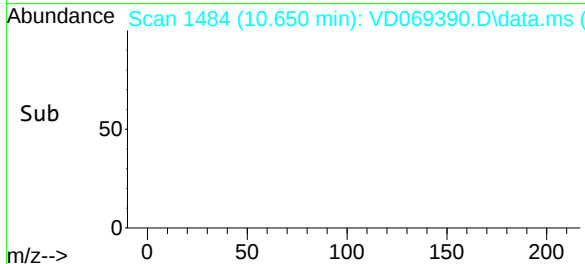
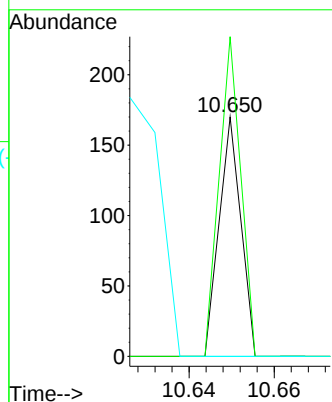
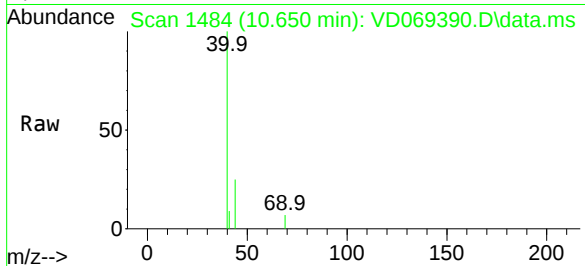




#56
Ethyl methacrylate
Concen: 2.654 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.011 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

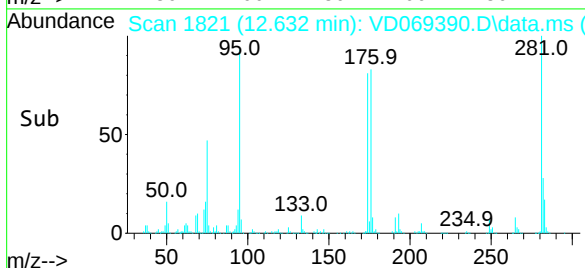
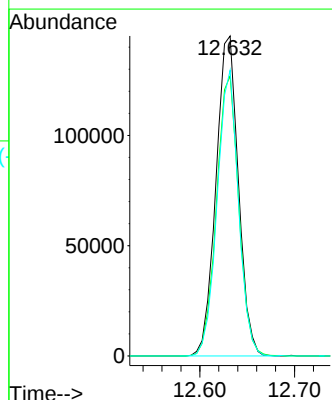
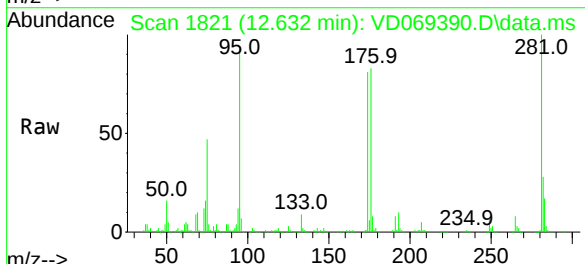
Instrument :
MSVOA_D
ClientSampled :

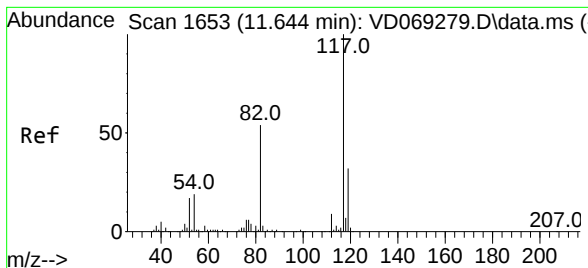
Tgt Ion:	69	Resp:	60
Ion	Ratio	Lower	Upper
69	100		
41	133.3	45.4	68.2#
39	0.0	21.7	32.5#



#62
4-Bromofluorobenzene
Concen: 56.843 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion:	95	Resp:	238408
Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	162.8
176	84.6	0.0	154.4

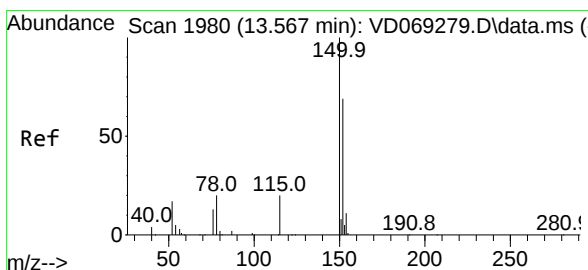
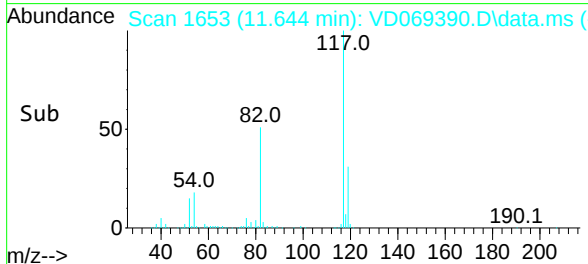
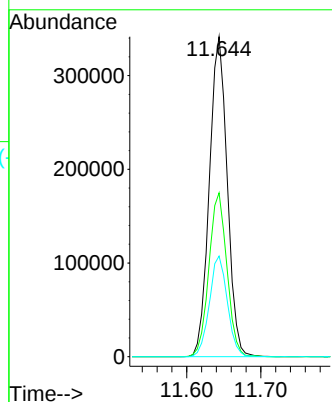
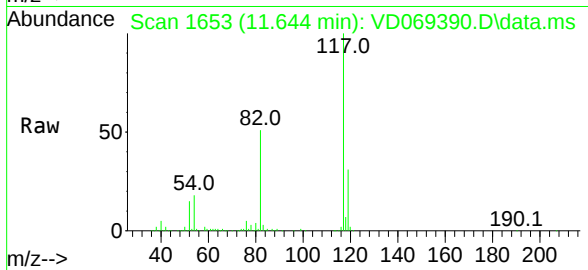




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

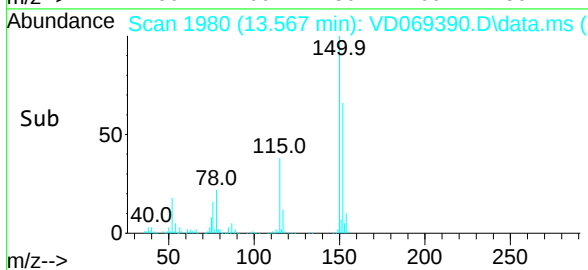
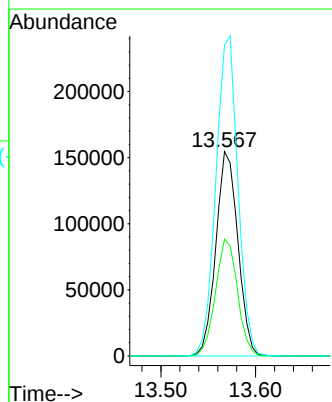
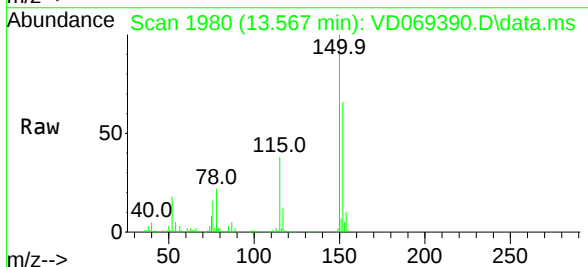
Instrument :
MSVOA_D
ClientSampleId :

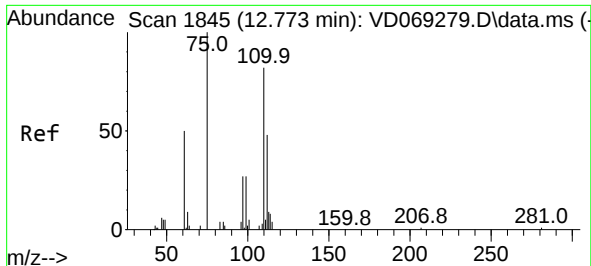
Tgt Ion:	117	Resp:	572323
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.3	64.9
119	31.5	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion:	152	Resp:	249877
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.4	88.3
150	156.7	0.0	355.0

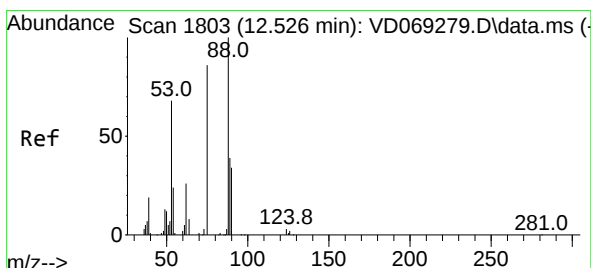
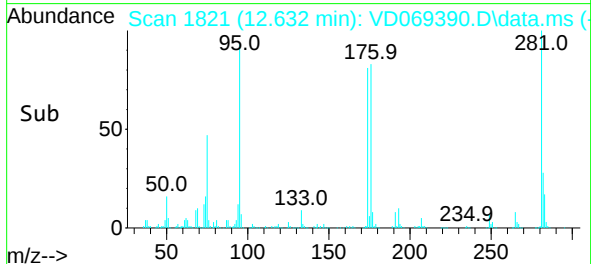
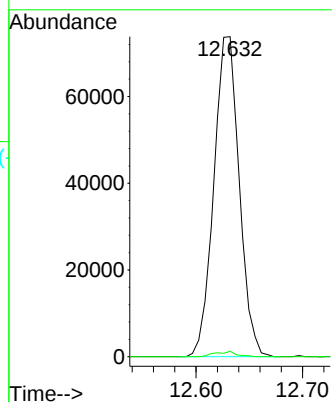
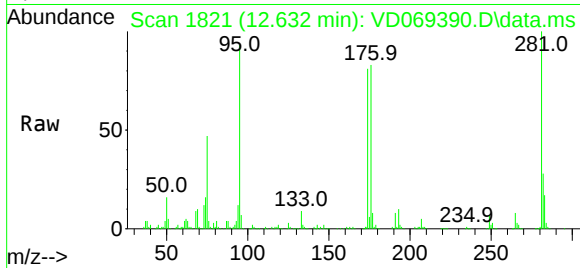




#76
1,2,3-Trichloropropane
Concen: 56.253 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

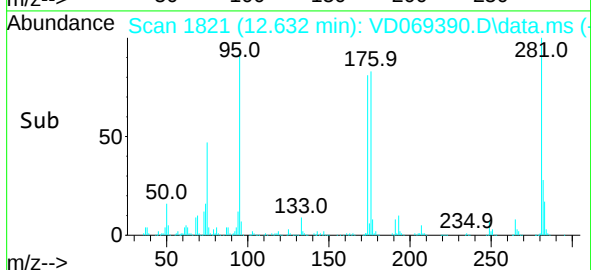
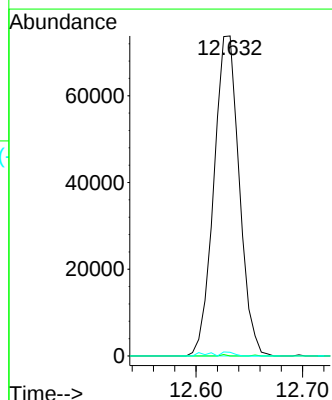
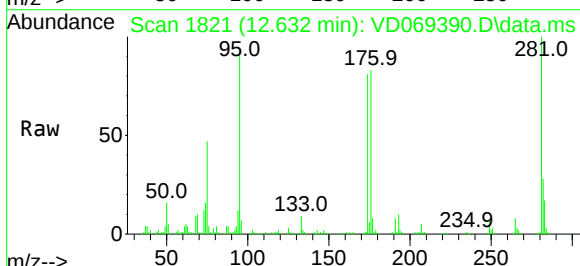
Instrument :
MSVOA_D
ClientSampled :

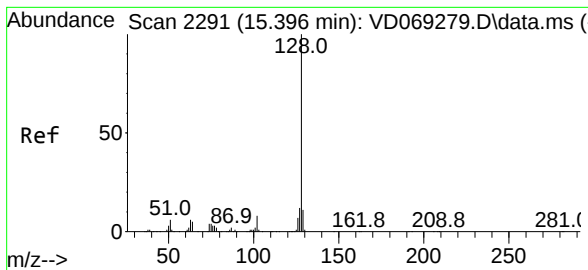
Tgt Ion: 75 Resp: 122127
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.658 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 75 Resp: 122127
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.6 35.6 53.4#





#95
Naphthalene
Concen: 3.356 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 495
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

