

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069377.D
 Acq On : 07 Jun 2021 19:33
 Operator : VA/SY
 Sample : M2625-05
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(154-158)

Quant Time: Jun 08 04:24:11 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

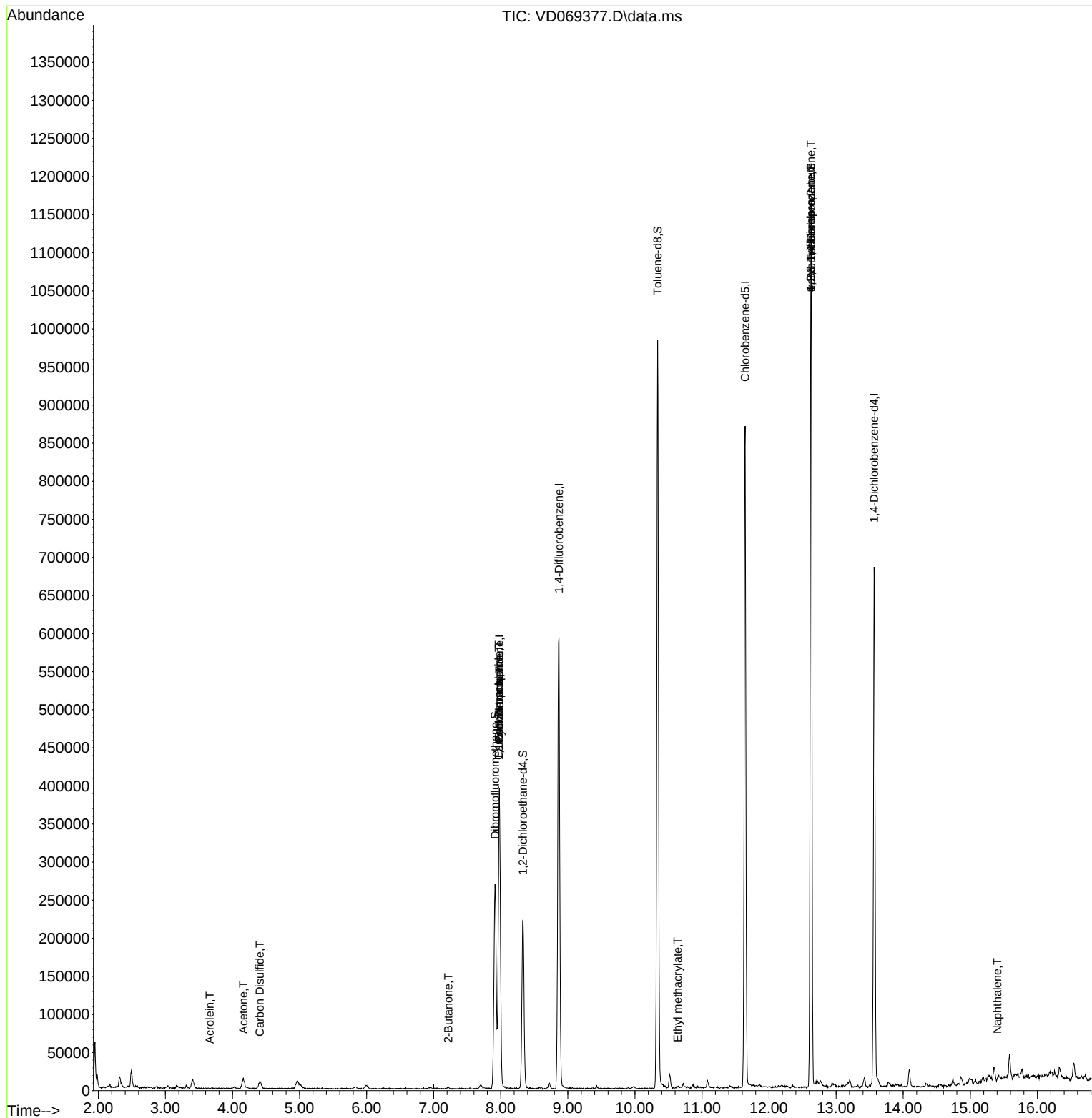
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	292293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	539513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	532892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	177923	63.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.88%	
35) Dibromofluoromethane	7.914	113	199045	58.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.50%	
50) Toluene-d8	10.338	98	686213	55.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.40%	
62) 4-Bromofluorobenzene	12.626	95	215396	53.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	264	Below Cal	#	73
13) Acrolein	3.662	56	66	17.47	ug/l #	16
16) Acetone	4.162	43	22236	45.43	ug/l	98
17) Carbon Disulfide	4.409	76	21107	2.18	ug/l	97
20) Methylene Chloride	4.962	84	7557	Below Cal		94
25) 2-Butanone	7.220	43	1449	2.25	ug/l	99
31) Cyclohexane	7.979	56	6869	1.54	ug/l #	36
36) 1,1-Dichloropropene	7.973	75	23786	4.54	ug/l #	50
38) Carbon Tetrachloride	7.973	117	29525	5.21	ug/l #	16
56) Ethyl methacrylate	10.638	69	273	2.72	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	109587	65.85	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	109587	145.93	ug/l #	19
95) Naphthalene	15.402	128	55	3.31	ug/l #	1

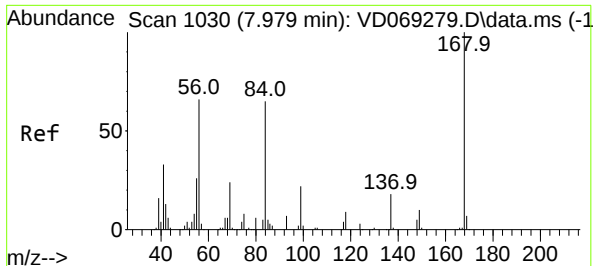
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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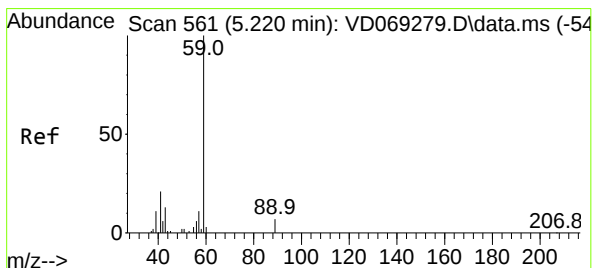
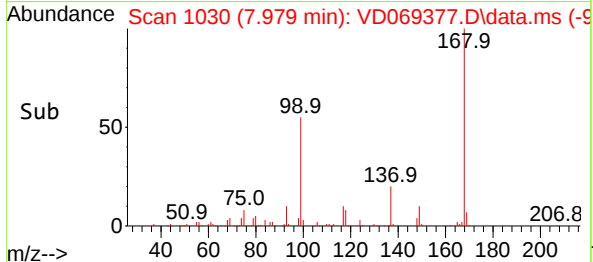
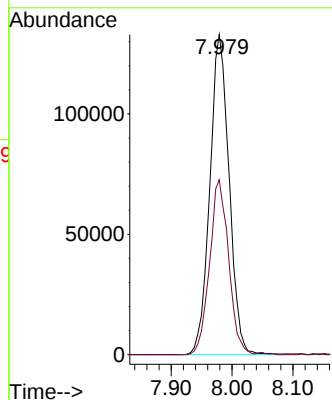
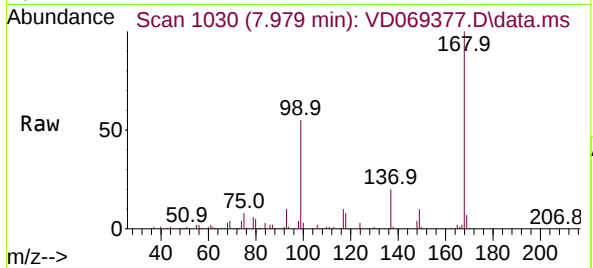




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

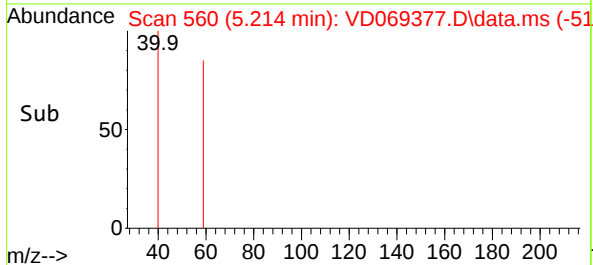
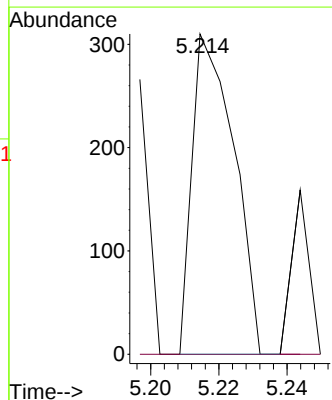
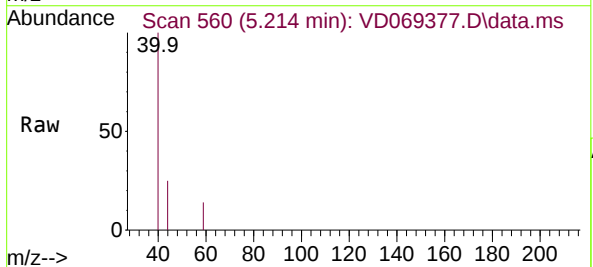
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

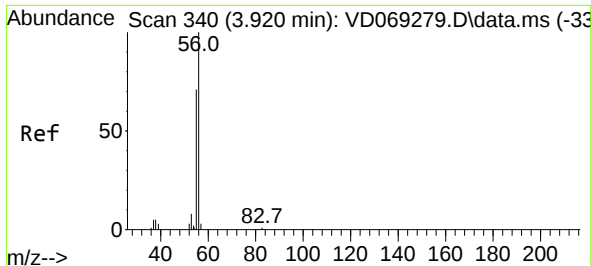
Tgt Ion:168 Resp: 292293
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

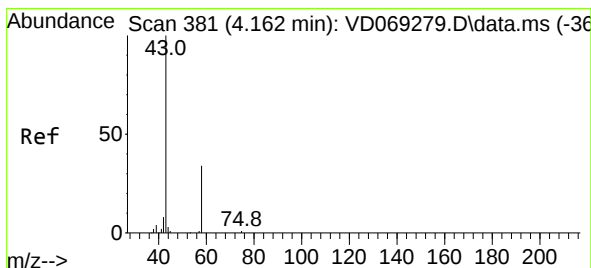
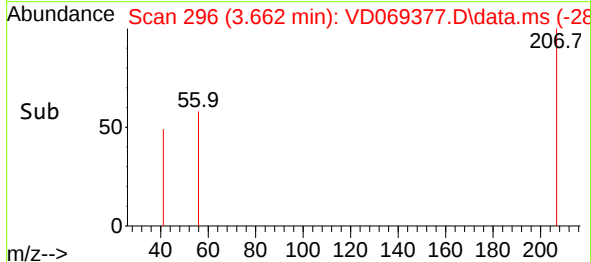
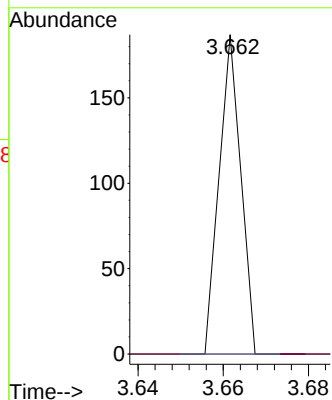
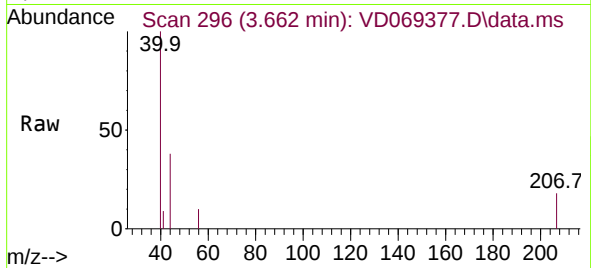




#13
Acrolein
Concen: 17.47 ug/l
RT: 3.662 min Scan# 296
Delta R.T. -0.258 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

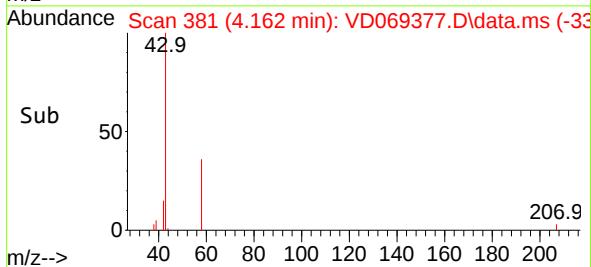
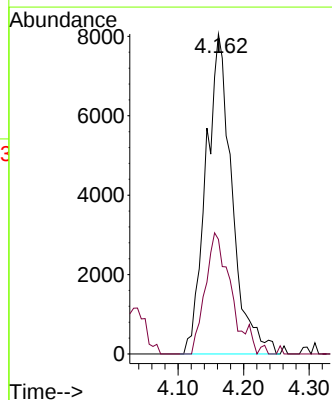
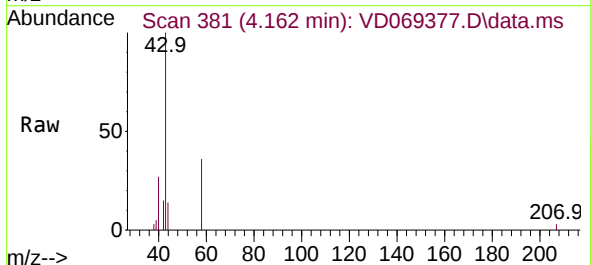
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

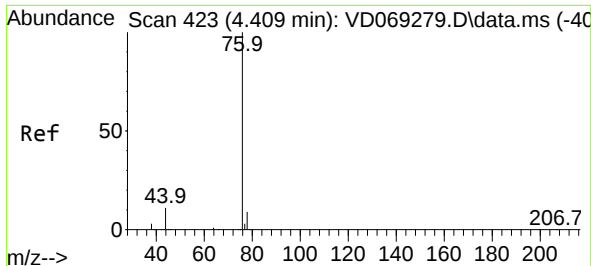
Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.8#



#16
Acetone
Concen: 45.43 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

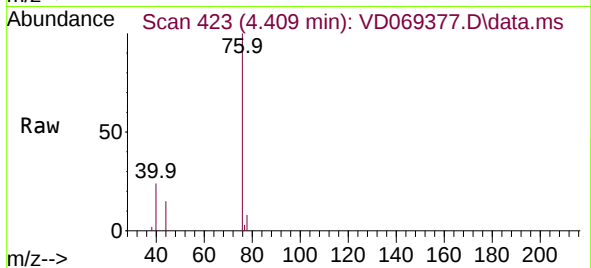
Tgt Ion: 43 Resp: 22236
Ion Ratio Lower Upper
43 100
58 35.8 27.5 41.3



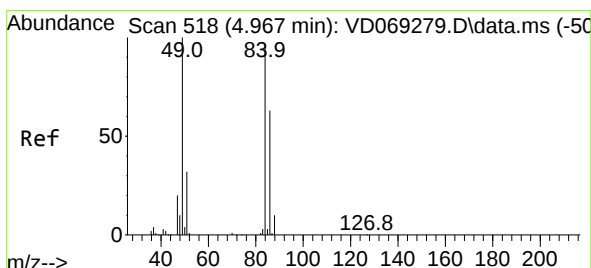
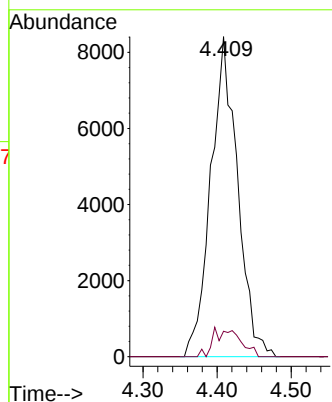
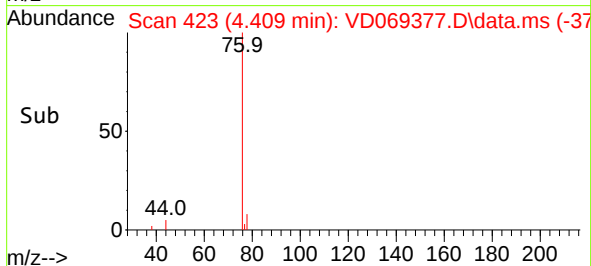


#17
Carbon Disulfide
Concen: 2.18 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

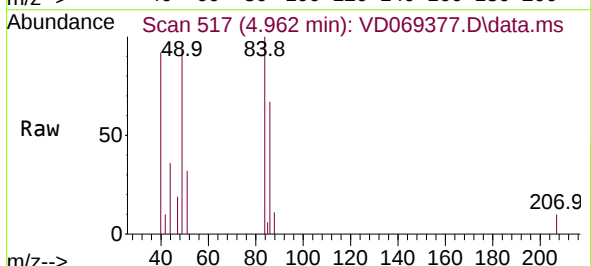
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)



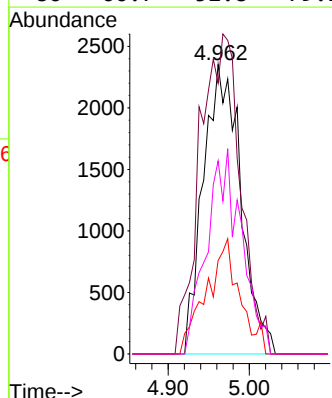
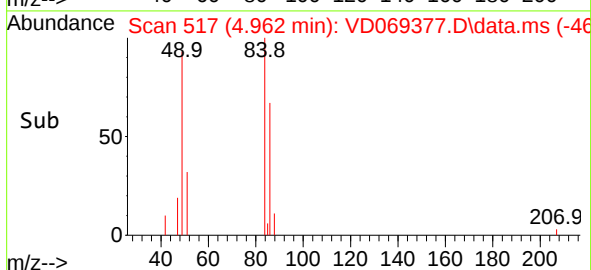
Tgt Ion: 76 Resp: 21107
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

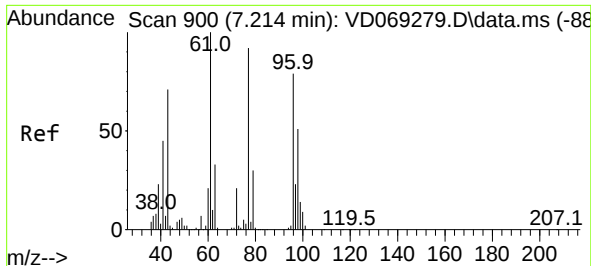


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33



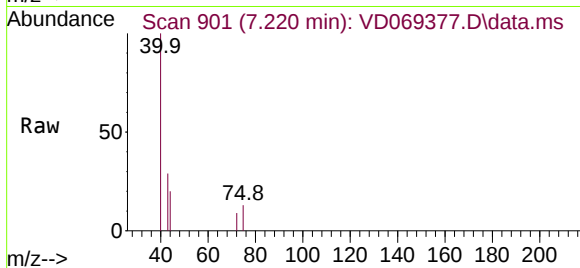
Tgt Ion: 84 Resp: 7557
Ion Ratio Lower Upper
84 100
49 93.5 83.7 125.5
51 32.3 26.4 39.6
86 66.7 52.8 79.2



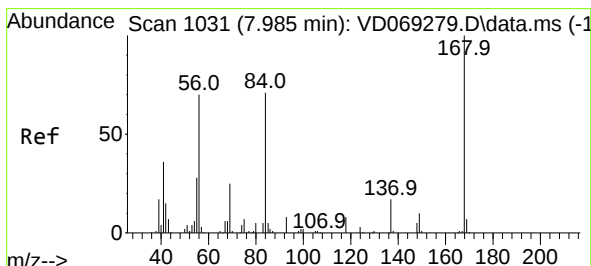
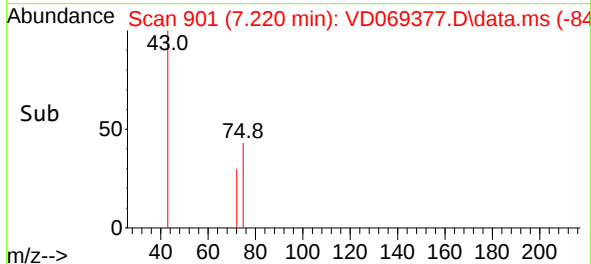
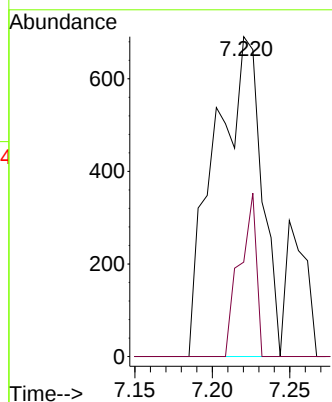


#25
2-Butanone
Concen: 2.25 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

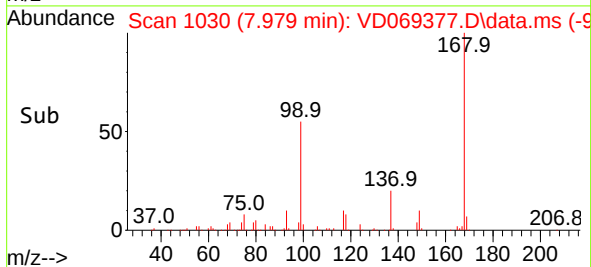
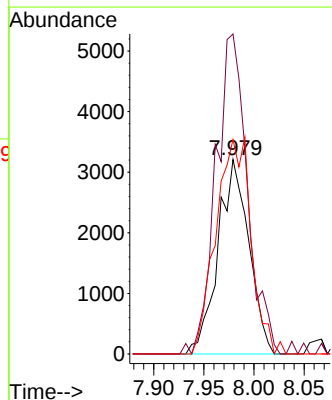
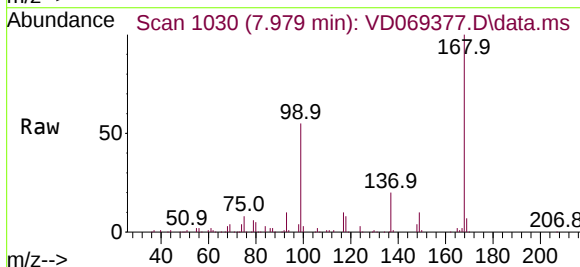


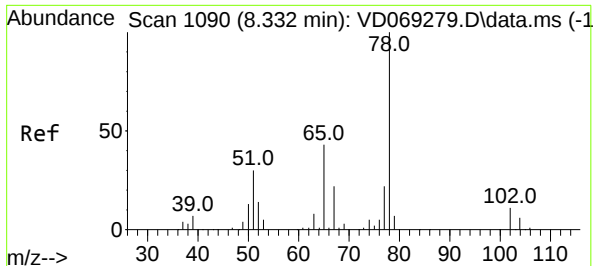
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
72 29.5 23.9 35.9



#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 56 Resp: 6869
Ion Ratio Lower Upper
56 100
69 164.6 29.0 43.4#
84 110.3 81.1 121.7

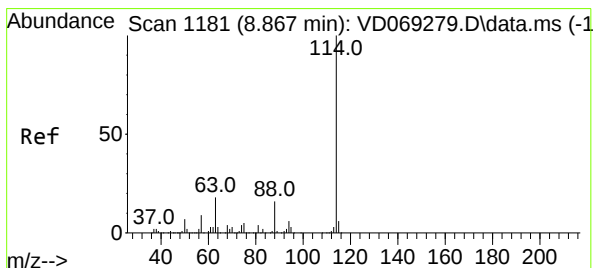
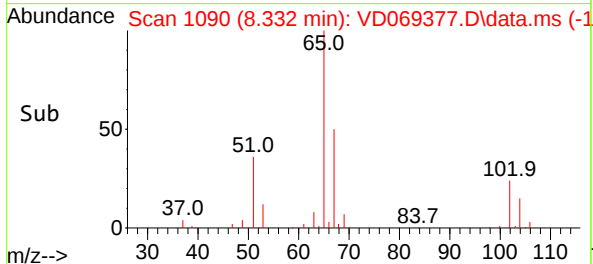
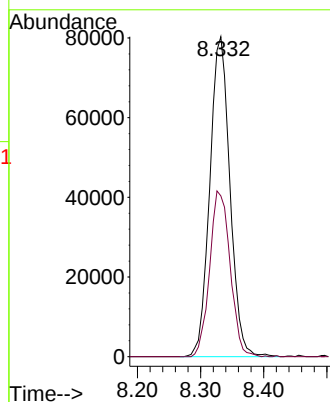
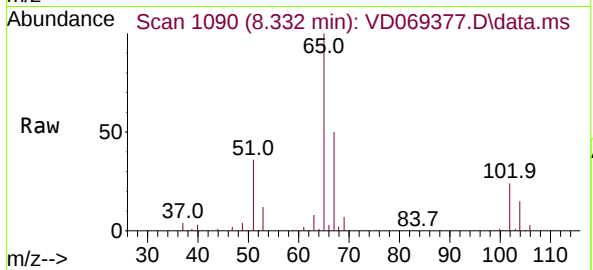




#33
 1,2-Dichloroethane-d4
 Concen: 63.44 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069377.D
 Acq: 07 Jun 2021 19:33

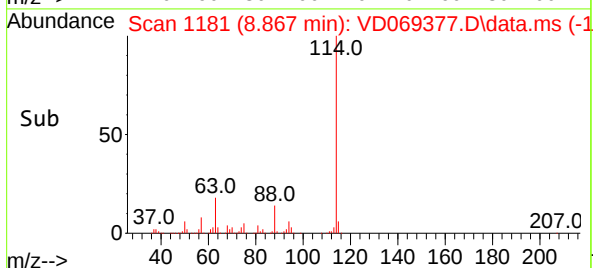
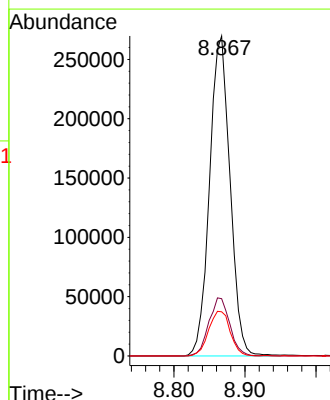
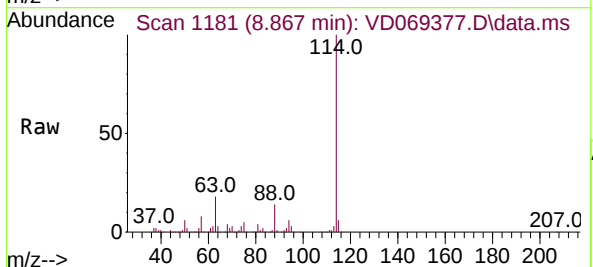
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 ClientSampleId :
 18-B12(154-158)

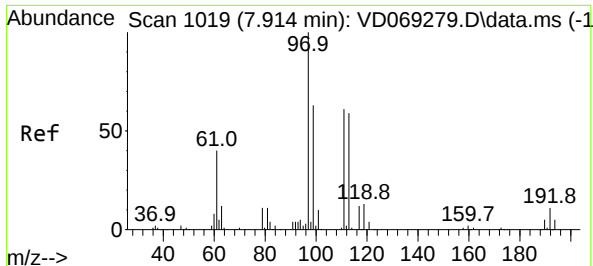
Tgt Ion: 65 Resp: 177923
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD069377.D
 Acq: 07 Jun 2021 19:33

Tgt Ion: 114 Resp: 539513
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 13.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 58.75 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069377.D

Acq: 07 Jun 2021 19:33

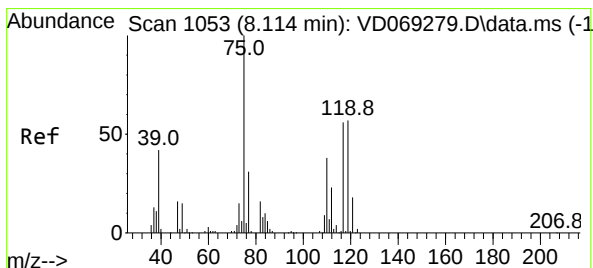
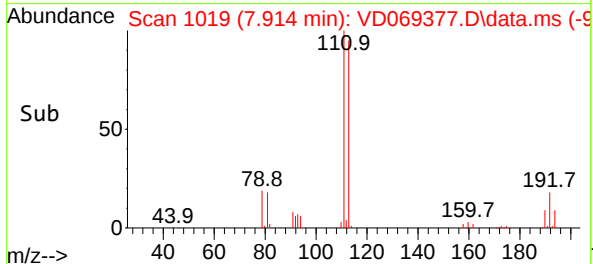
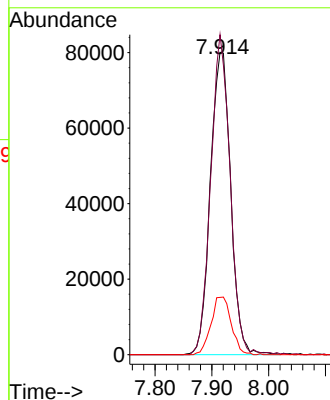
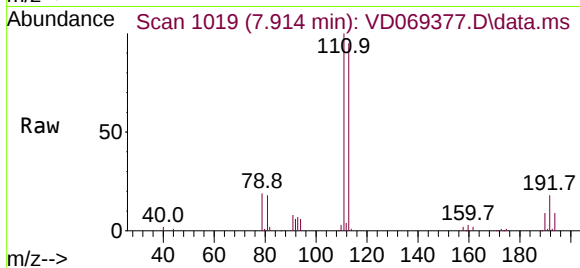
Tgt Ion:113 Resp: 199045

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.54 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069377.D

Acq: 07 Jun 2021 19:33

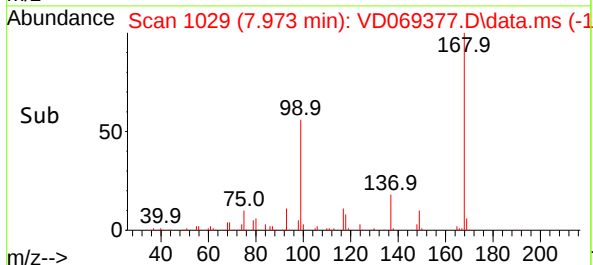
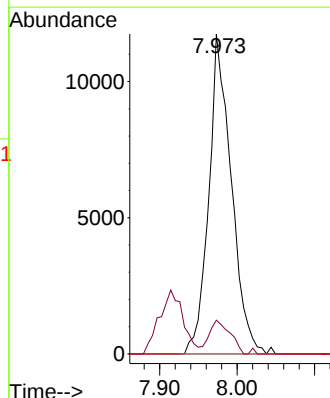
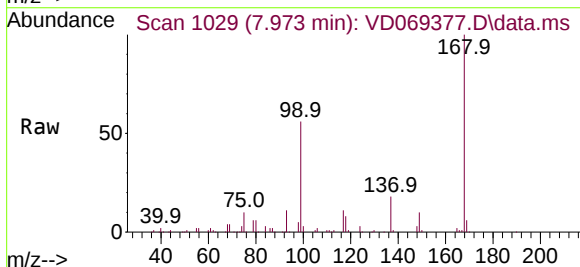
Tgt Ion: 75 Resp: 23786

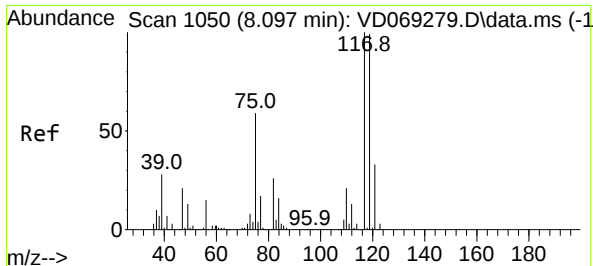
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.9 37.3#

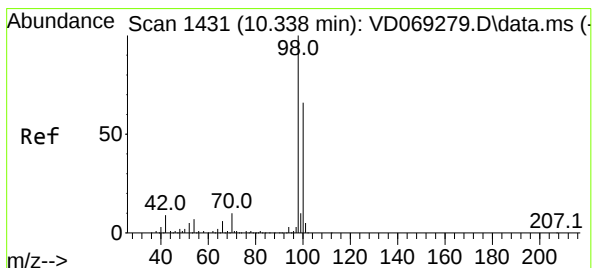
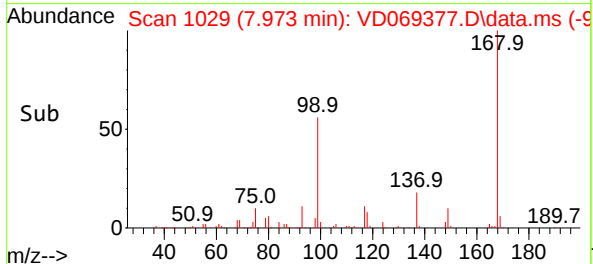
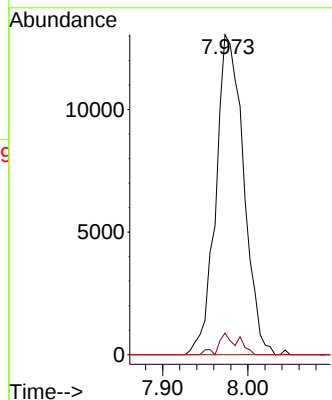
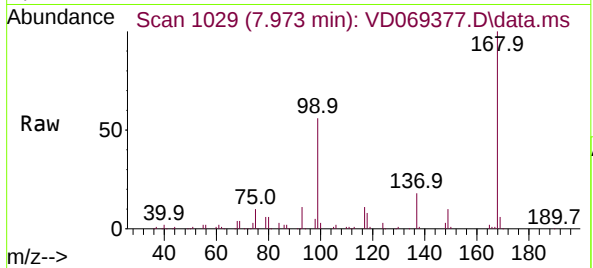




#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

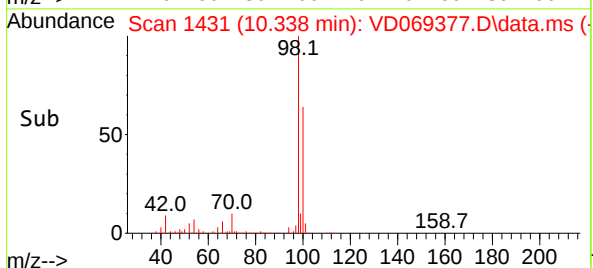
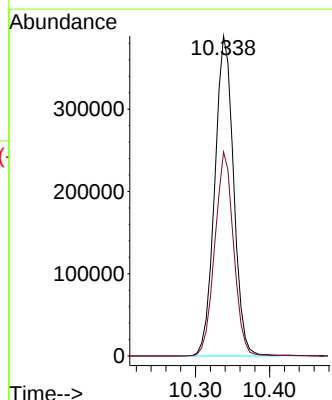
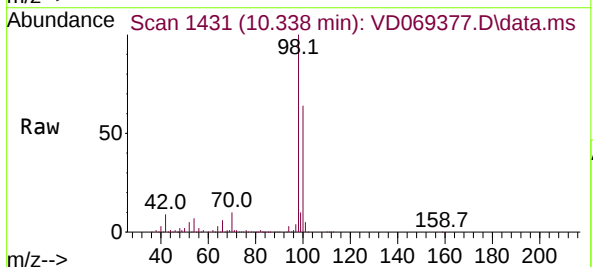
Instrument :
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18-B12(154-158)

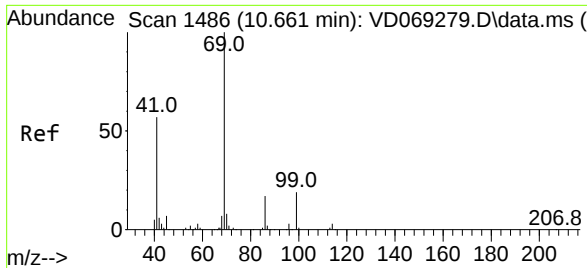
Tgt Ion:117 Resp: 29525
Ion Ratio Lower Upper
117 100
119 6.7 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 55.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 98 Resp: 686213
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

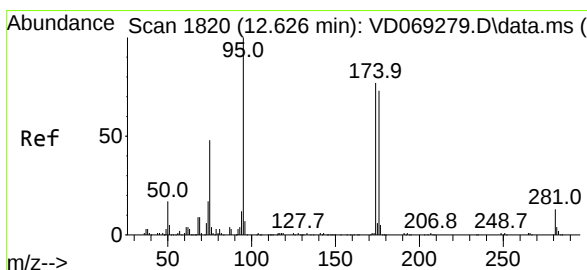
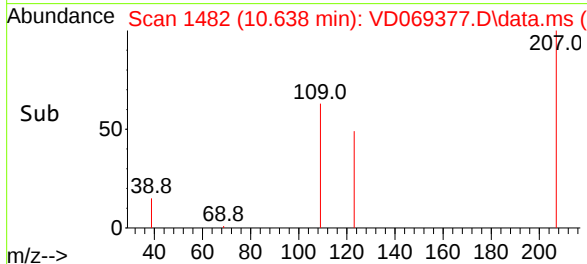
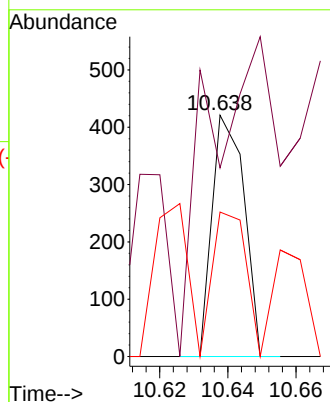
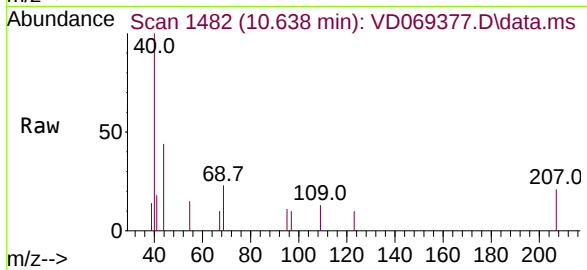




#56
Ethyl methacrylate
Concen: 2.72 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.023 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

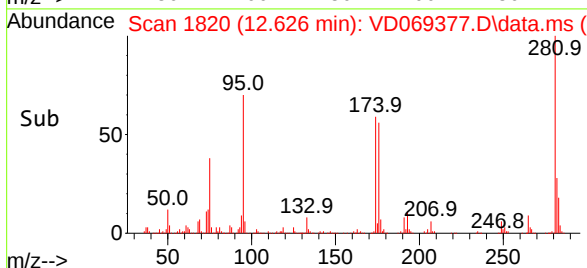
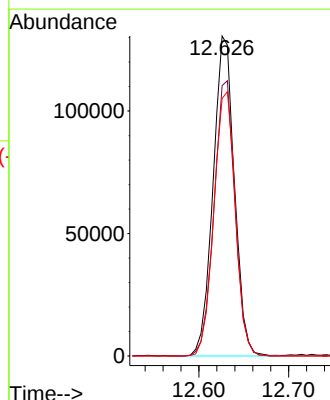
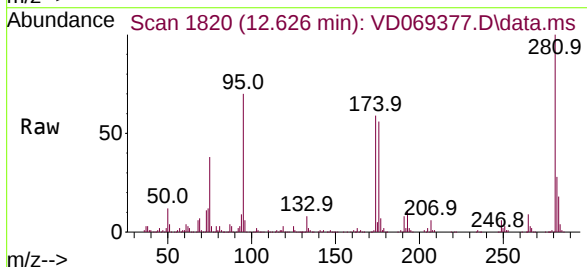
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

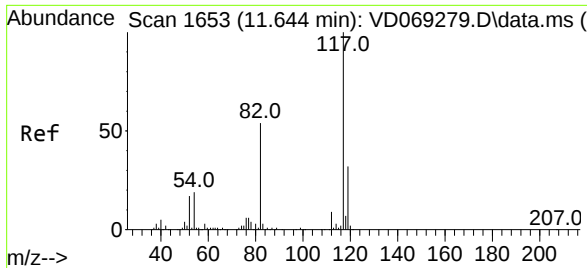
Tgt Ion: 69 Resp: 273
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 63.4 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 53.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 95 Resp: 215396
Ion Ratio Lower Upper
95 100
174 84.7 0.0 162.8
176 83.2 0.0 154.4

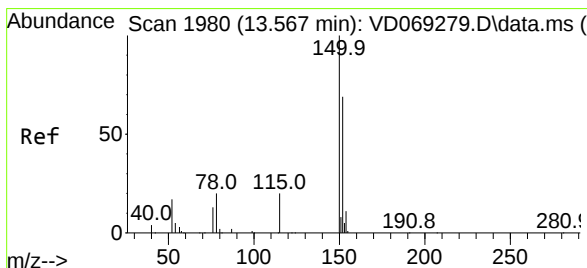
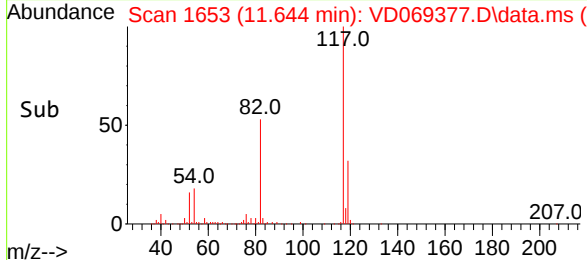
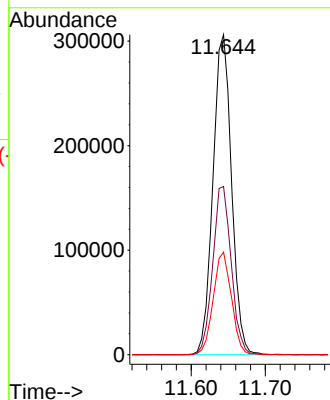
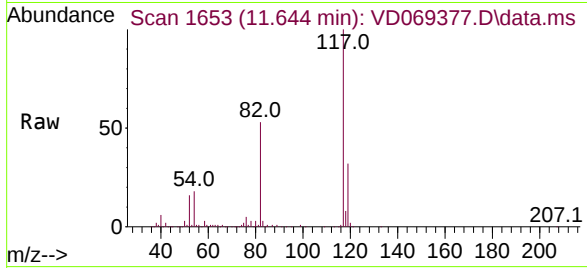




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

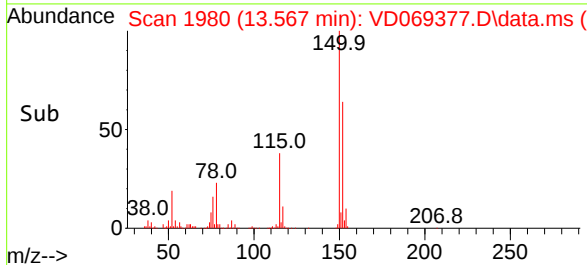
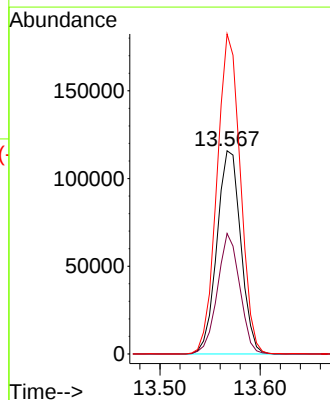
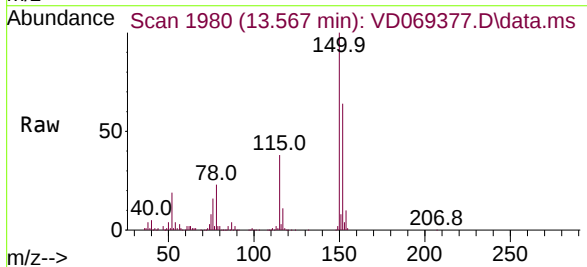
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

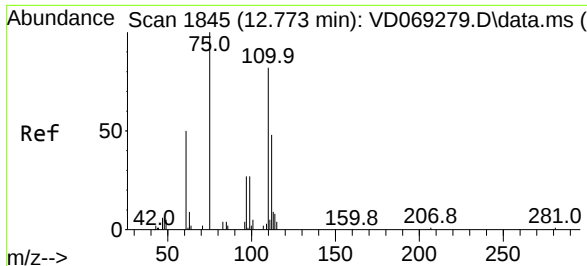
Tgt Ion:	117	Resp:	532892
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.3	64.9
119	32.1	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion:	152	Resp:	191542
Ion Ratio	Lower	Upper	
152	100		
115	55.5	29.4	88.3
150	154.2	0.0	355.0

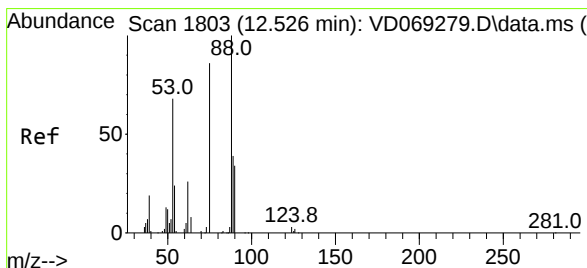
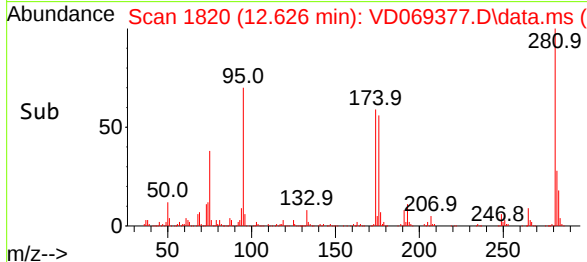
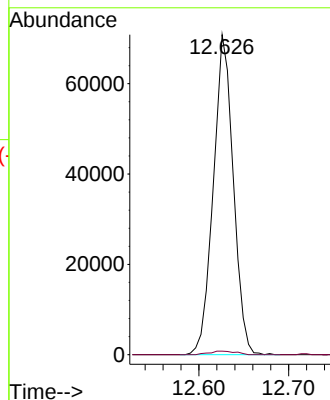
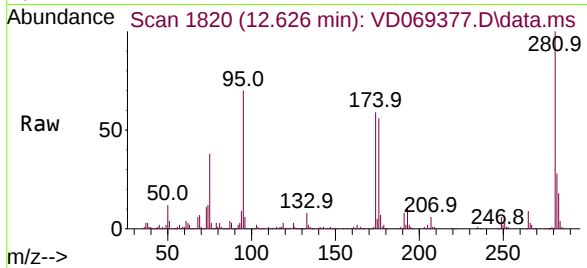




#76
1,2,3-Trichloropropane
Concen: 65.85 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

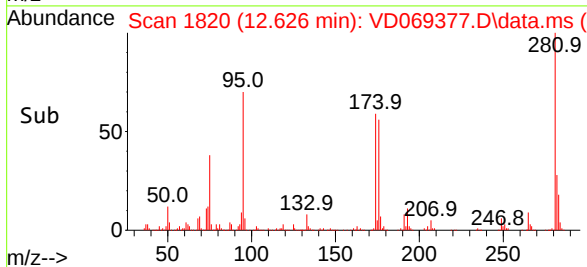
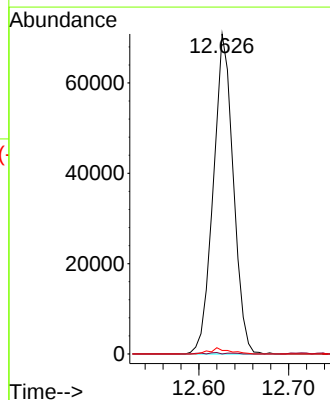
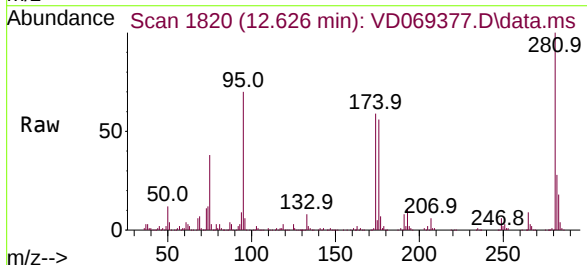
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

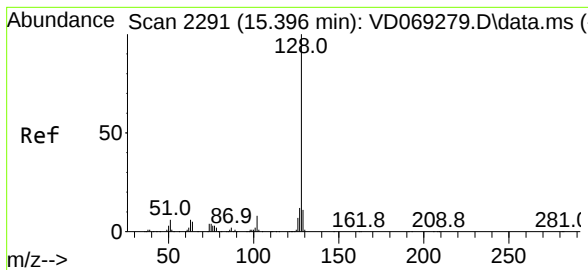
Tgt Ion: 75 Resp: 109587
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.93 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 75 Resp: 109587
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 1.8 35.6 53.4#





#95
Naphthalene
Concen: 3.31 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

Tgt Ion:	128	Resp:	55
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	134.5	8.8	13.2#

