

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069375.D
 Acq On : 07 Jun 2021 18:36
 Operator : VA/SY
 Sample : M2625-03
 Misc : 9.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(146-150)

Quant Time: Jun 08 04:23:53 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)

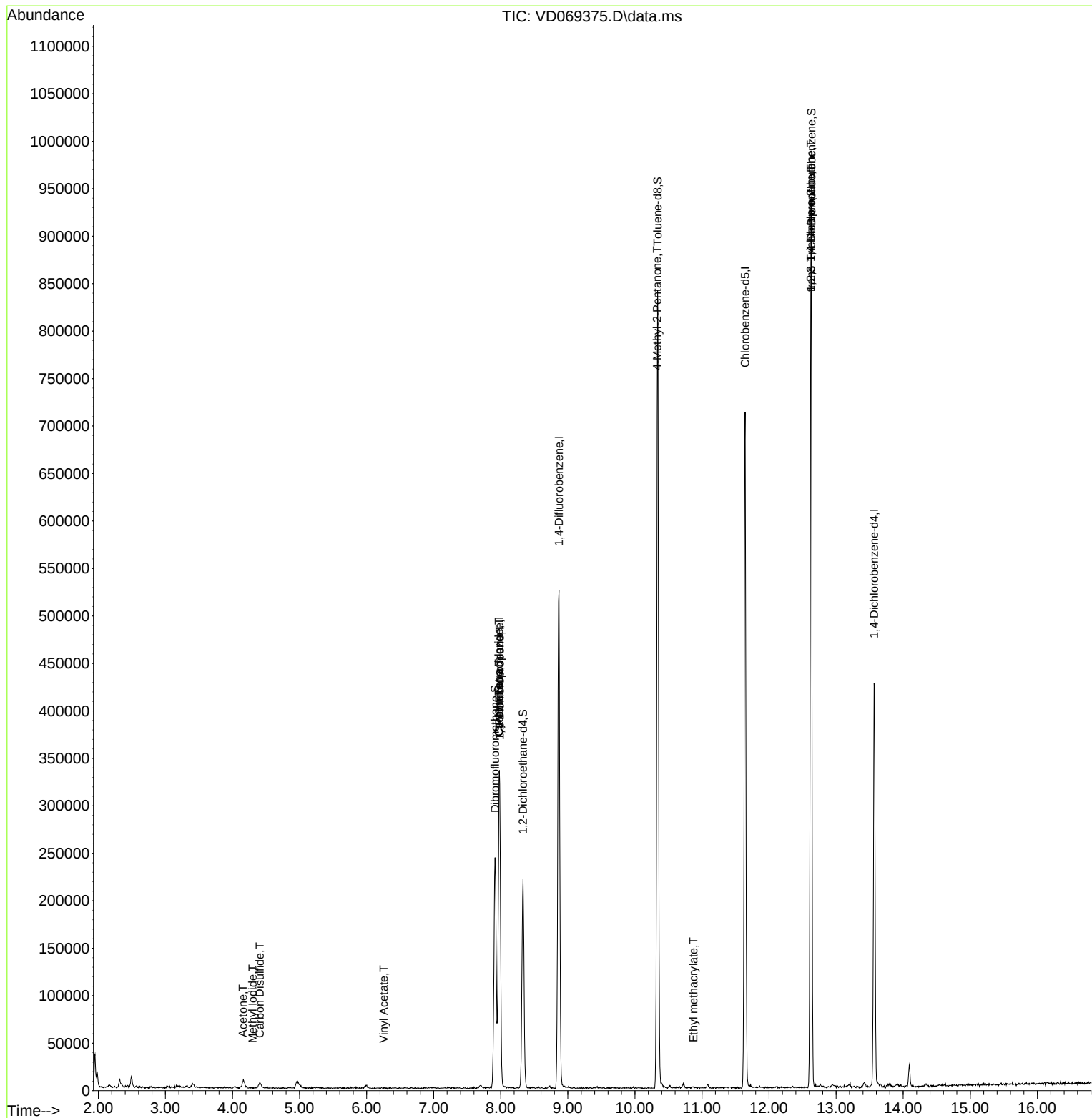
Internal Standards						
1) Pentafluorobenzene	7.979	168	260451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	477880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	442974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	119313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170194	68.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.20%
35) Dibromofluoromethane	7.914	113	180085	60.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.02%
50) Toluene-d8	10.338	98	597174	54.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.44%
62) 4-Bromofluorobenzene	12.632	95	156902	43.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.76%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	54	2.53	ug/l #	39
11) Tert butyl alcohol	5.244	59	201	Below	Cal #	73
16) Acetone	4.155	43	13963	32.02	ug/l	88
17) Carbon Disulfide	4.408	76	12116	1.40	ug/l	98
20) Methylene Chloride	4.967	84	5944	Below	Cal	87
23) Vinyl Acetate	6.255	43	58	11.63	ug/l #	67
31) Cyclohexane	7.973	56	5198	1.31	ug/l #	18
36) 1,1-Dichloropropene	7.985	75	20834	4.49	ug/l #	47
38) Carbon Tetrachloride	7.973	117	26019	5.19	ug/l #	15
51) 4-Methyl-2-Pentanone	10.332	43	2273	1.53	ug/l #	1
56) Ethyl methacrylate	10.873	69	56	2.66	ug/l #	10
76) 1,2,3-Trichloropropane	12.626	75	80160	77.33	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	80160	171.36	ug/l #	19

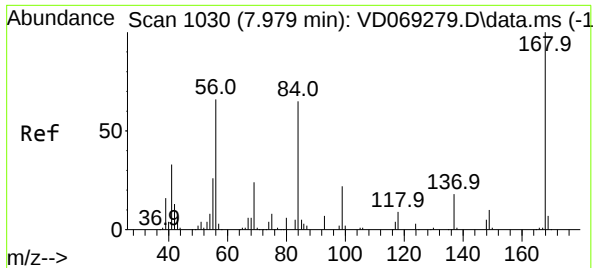
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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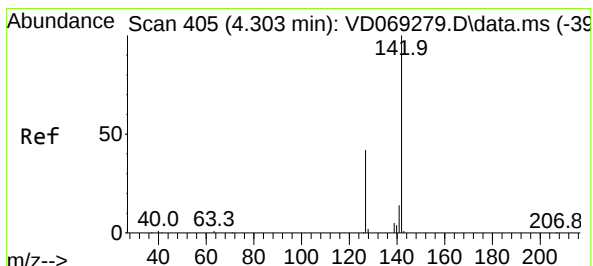
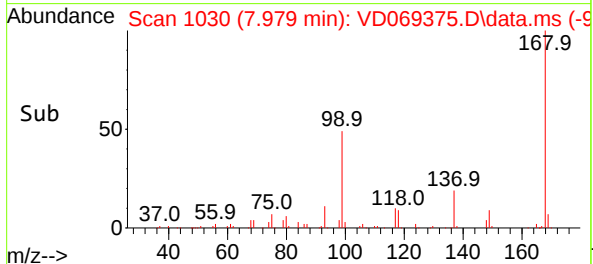
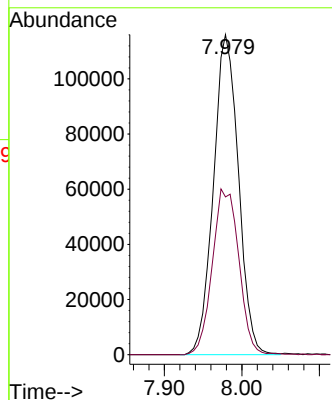
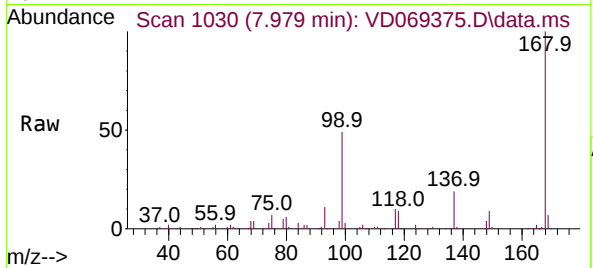




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

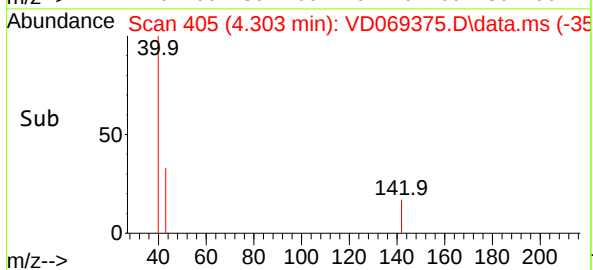
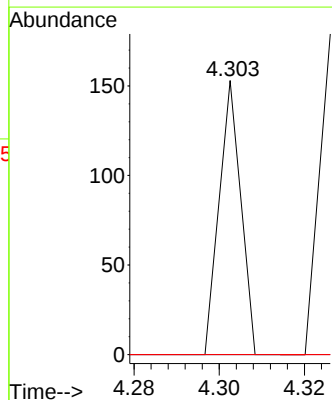
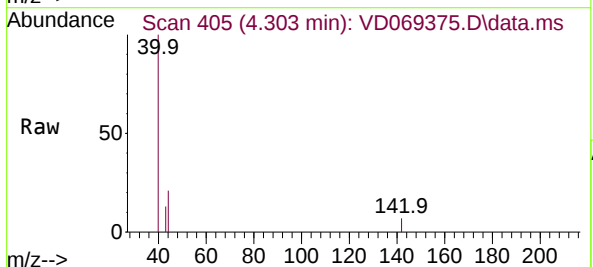
Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)

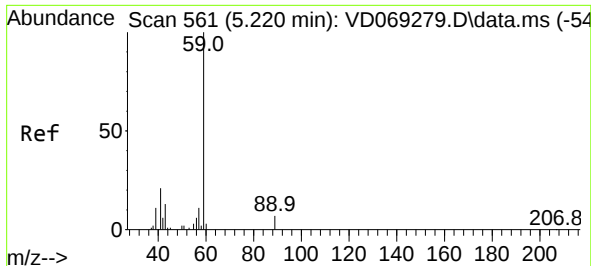
Tgt Ion:168 Resp: 260451
Ion Ratio Lower Upper
168 100
99 49.3 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

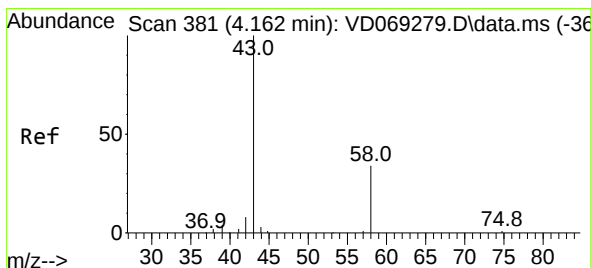
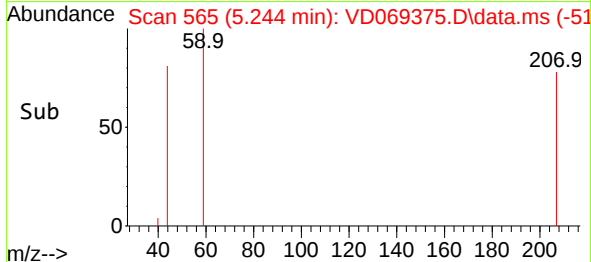
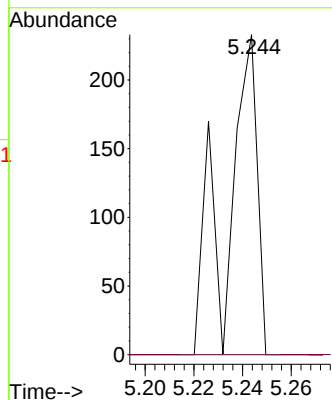
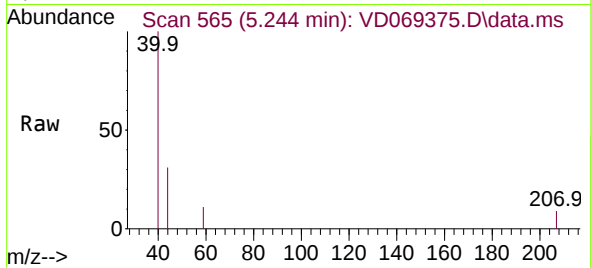




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

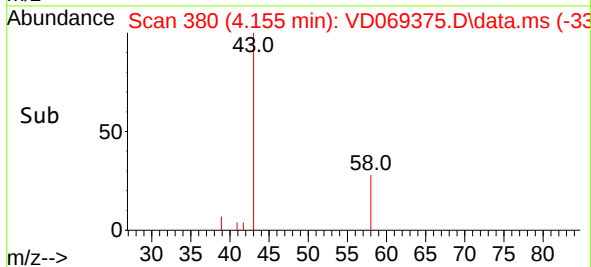
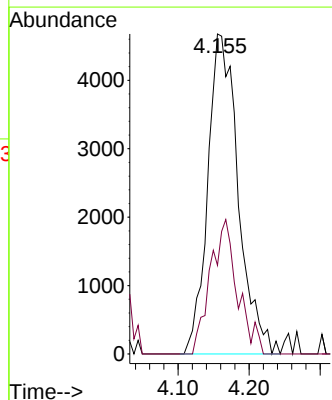
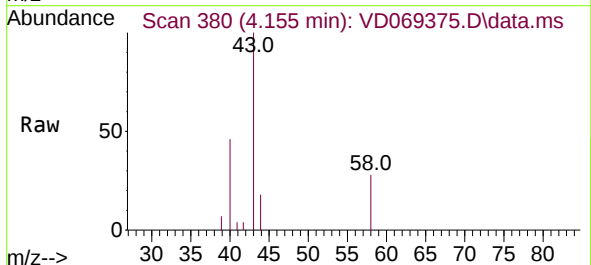
Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)

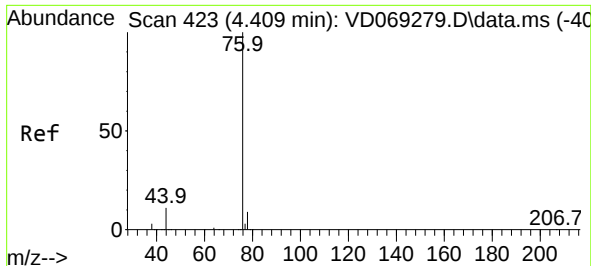
Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 32.02 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

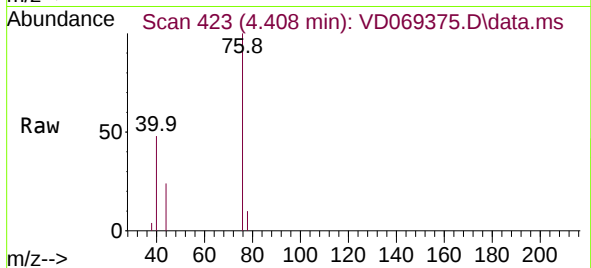
Tgt Ion: 43 Resp: 13963
Ion Ratio Lower Upper
43 100
58 27.7 27.5 41.3



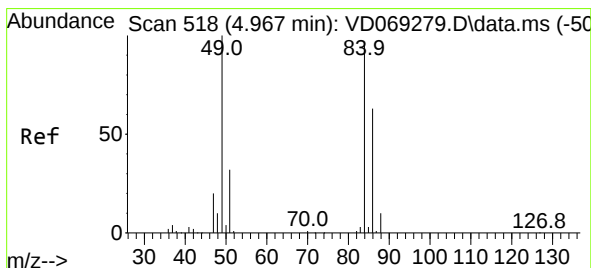
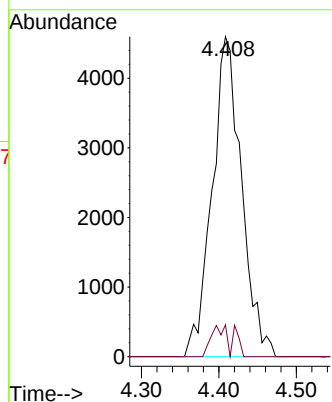
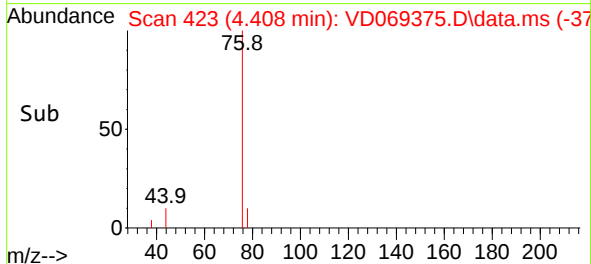


#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

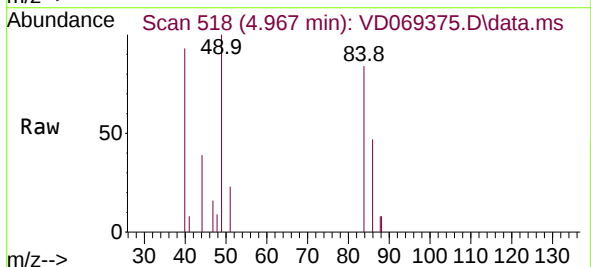
Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)



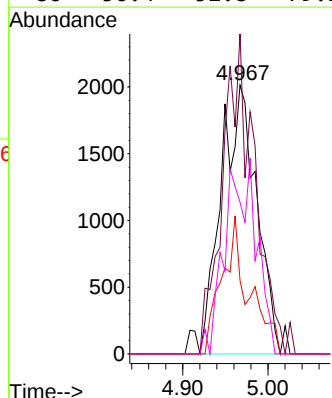
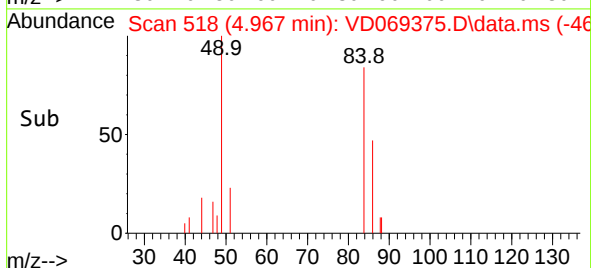
Tgt Ion: 76 Resp: 12116
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

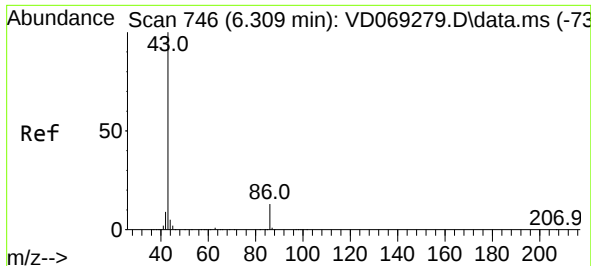


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36



Tgt Ion: 84 Resp: 5944
Ion Ratio Lower Upper
84 100
49 119.1 83.7 125.5
51 27.3 26.4 39.6
86 56.4 52.8 79.2

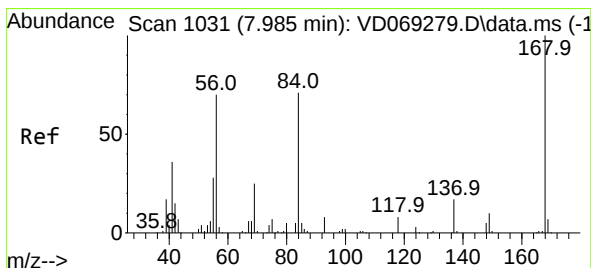
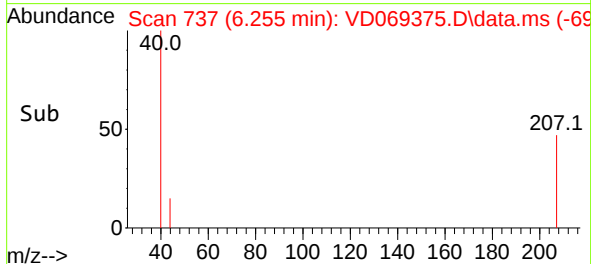
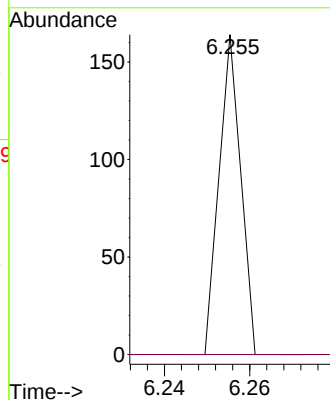
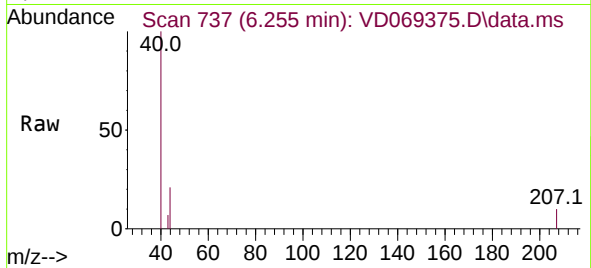




#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.054 min
 Lab File: VD069375.D
 Acq: 07 Jun 2021 18:36

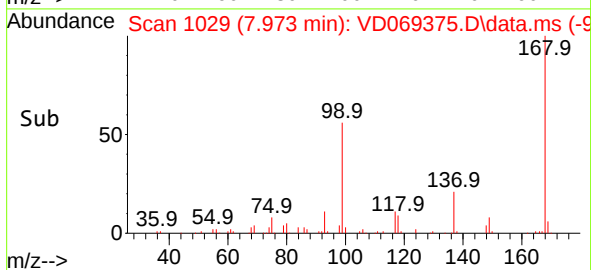
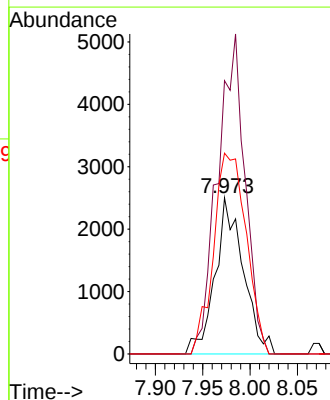
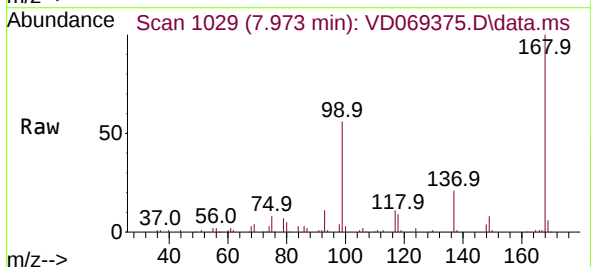
Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(146-150)

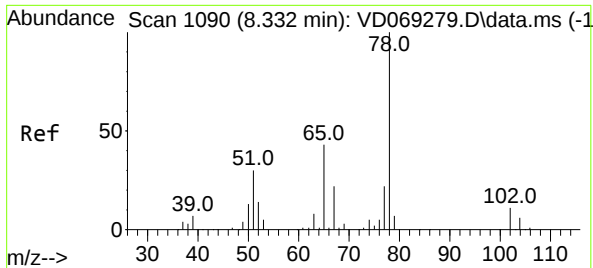
Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.31 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD069375.D
 Acq: 07 Jun 2021 18:36

Tgt Ion: 56 Resp: 5198
 Ion Ratio Lower Upper
 56 100
 69 175.1 29.0 43.4#
 84 128.6 81.1 121.7#

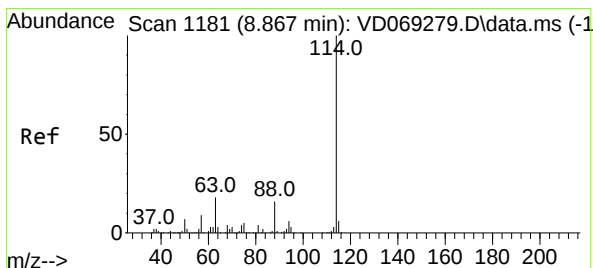
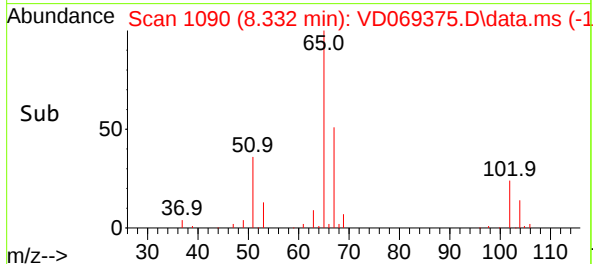
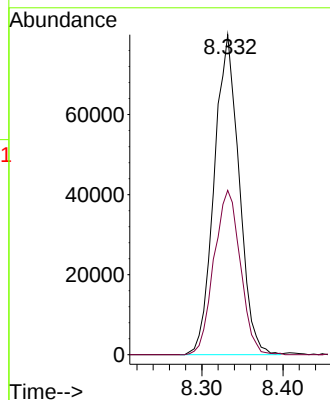
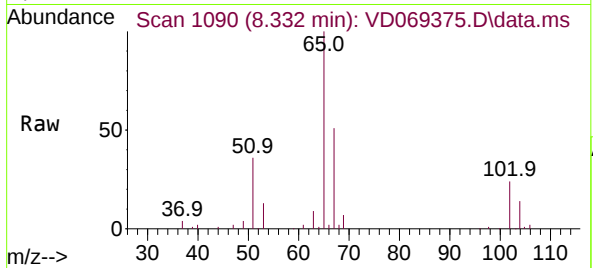




#33
1,2-Dichloroethane-d4
Concen: 68.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

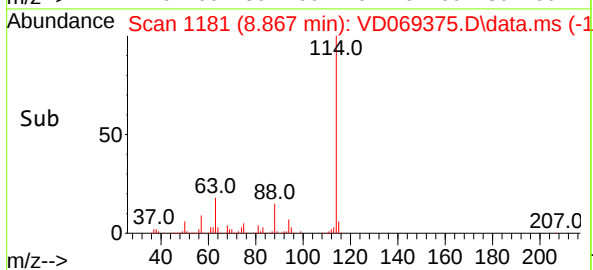
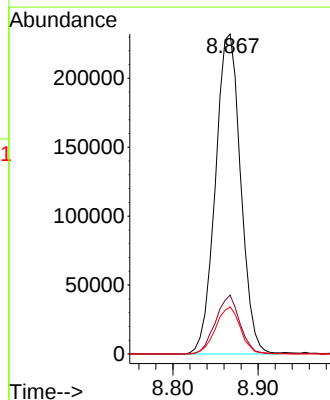
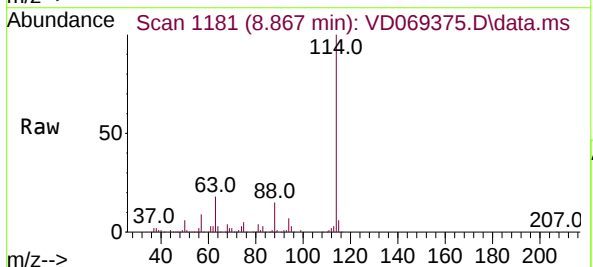
Instrument :
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ClientSampleId :
18-B12(146-150)

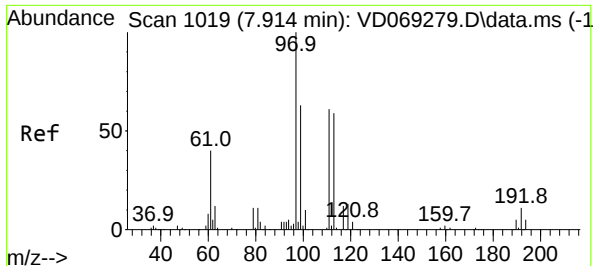
Tgt Ion: 65 Resp: 170194
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Tgt Ion: 114 Resp: 477880
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 60.01 ug/l

RT: 7.914 min Scan# 1019

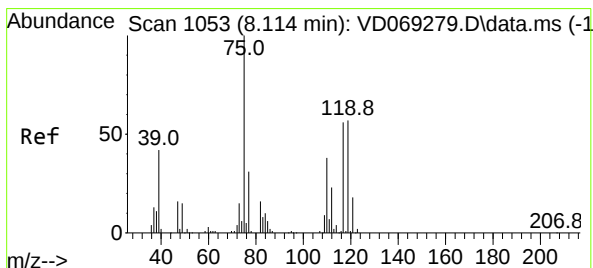
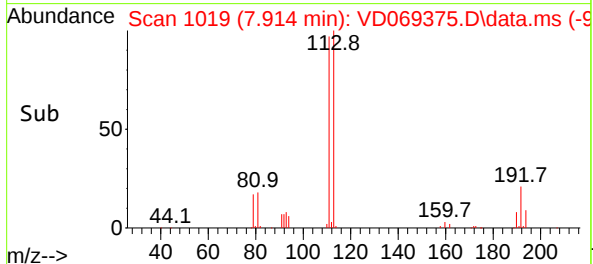
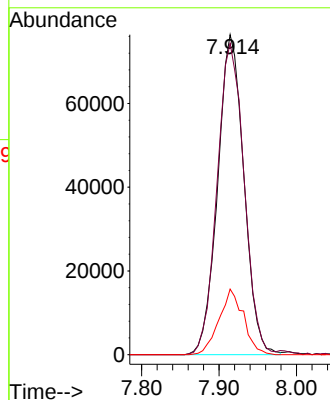
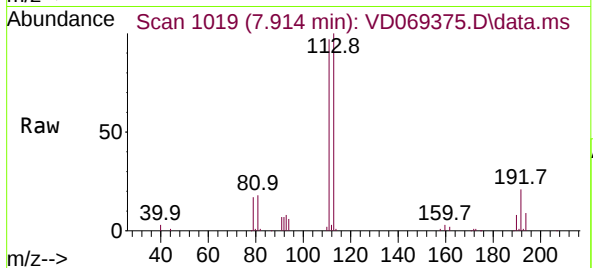
Delta R.T. -0.000 min

Lab File: VD069375.D

Acq: 07 Jun 2021 18:36

Tgt Ion:	113	Resp:	180085
Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.0	124.6
192	19.2	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)



#36

1,1-Dichloropropene

Concen: 4.49 ug/l

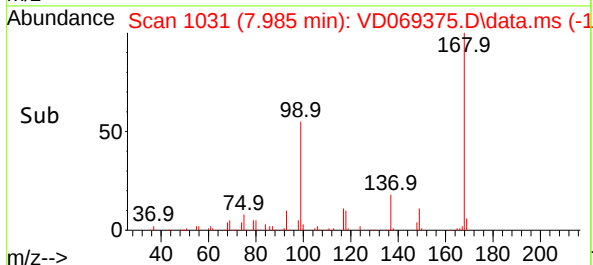
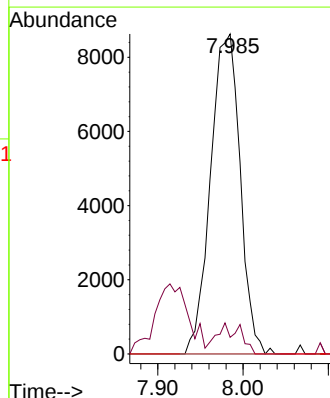
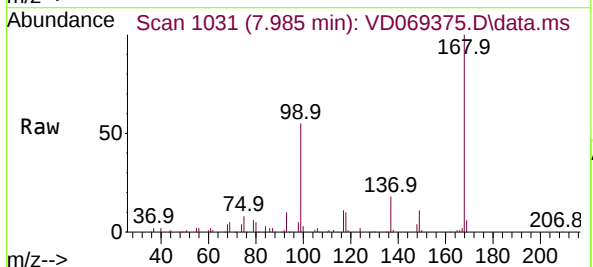
RT: 7.985 min Scan# 1031

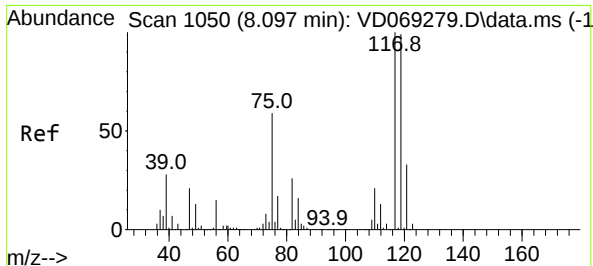
Delta R.T. -0.130 min

Lab File: VD069375.D

Acq: 07 Jun 2021 18:36

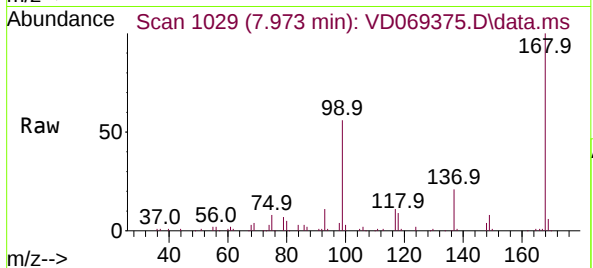
Tgt Ion:	75	Resp:	20834
Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.4	55.2#
77	0.0	24.9	37.3#



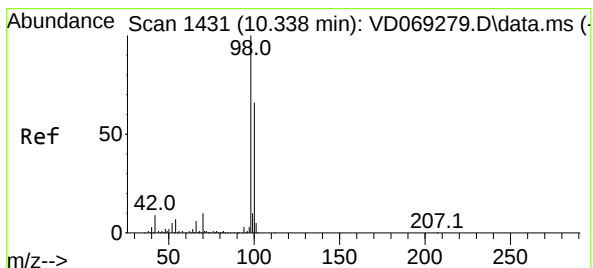
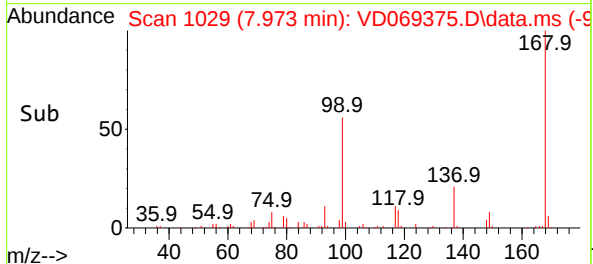
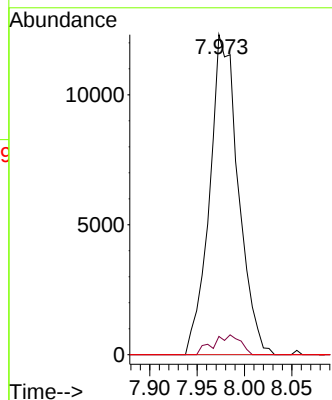


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Instrument :
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18-B12(146-150)

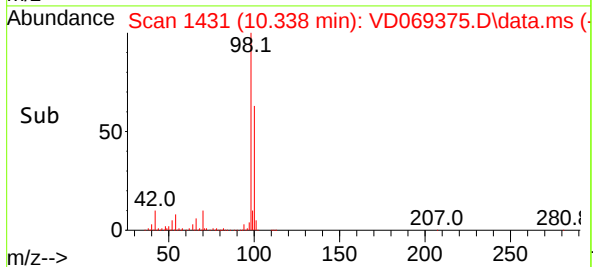
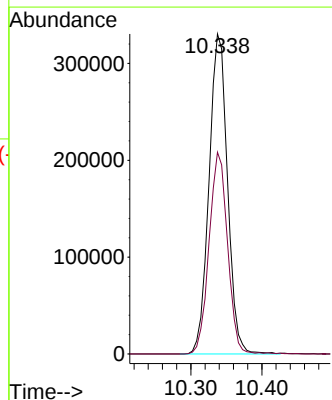
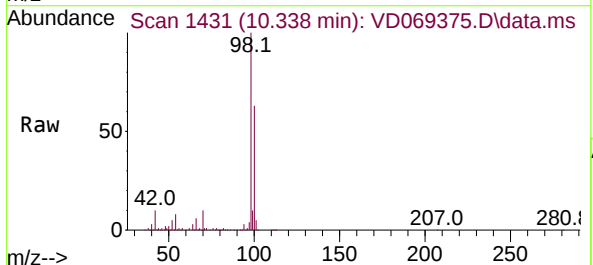


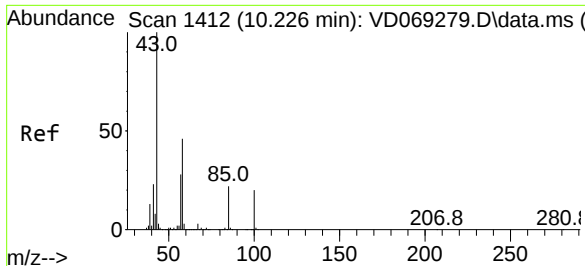
Tgt Ion:117 Resp: 26019
Ion Ratio Lower Upper
117 100
119 5.7 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.72 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Tgt Ion: 98 Resp: 597174
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

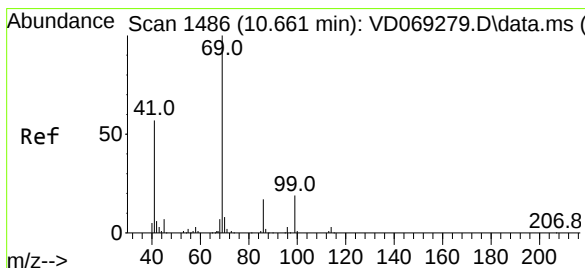
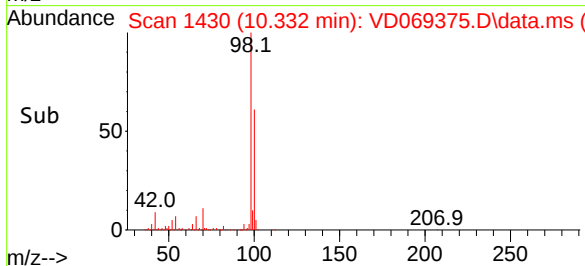
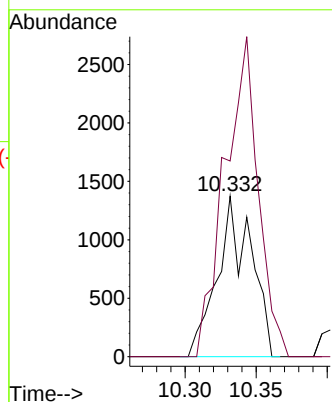
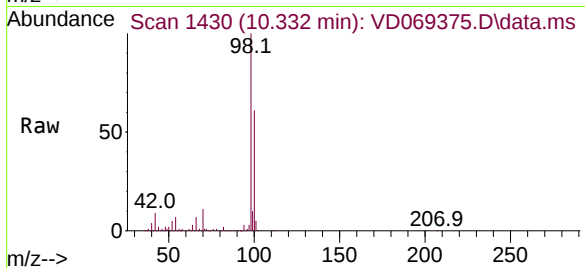




#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

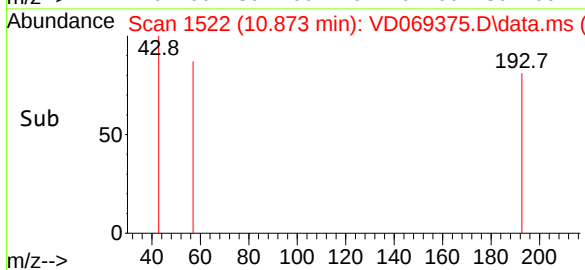
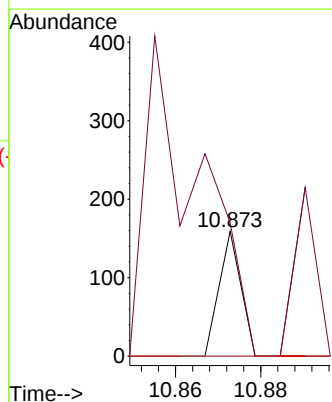
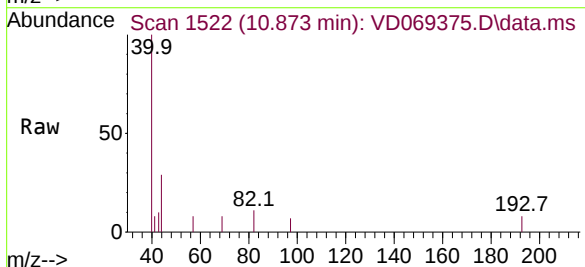
Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)

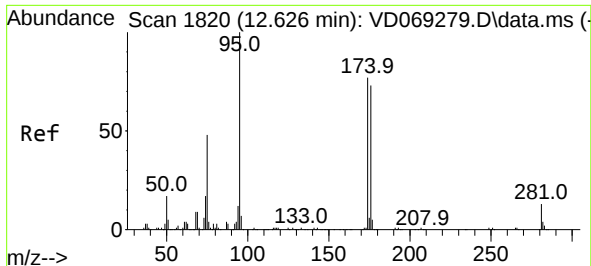
Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
58 197.4 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.212 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 135.7 45.4 68.2#
39 0.0 21.7 32.5#

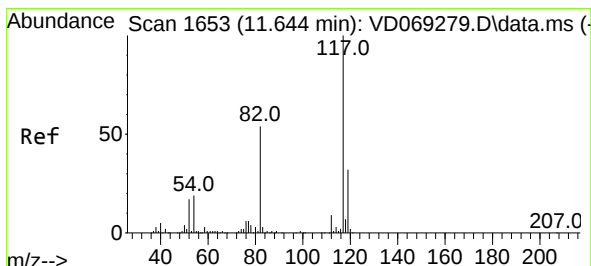
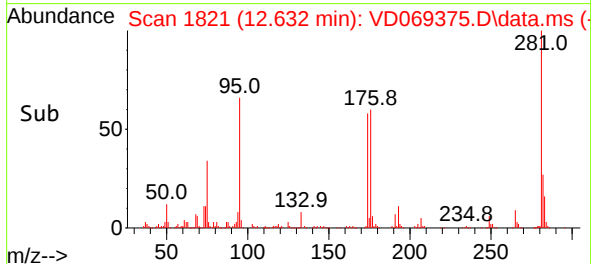
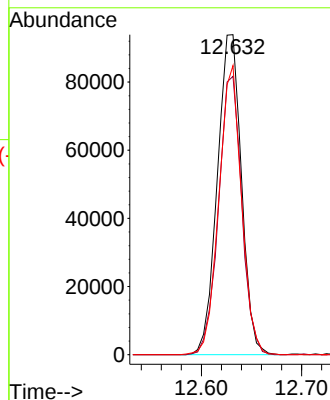
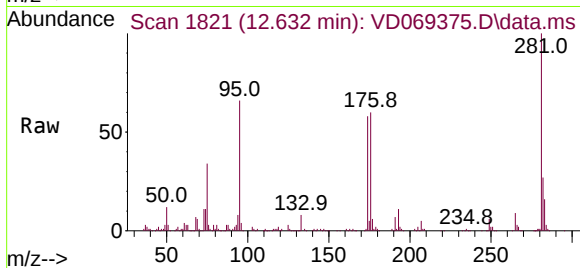




#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

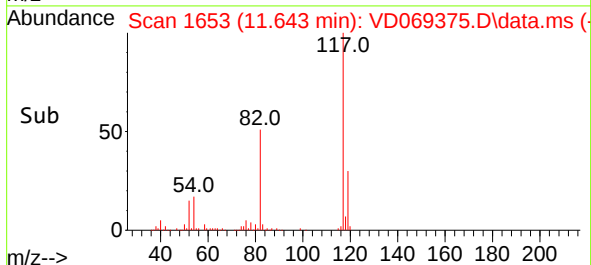
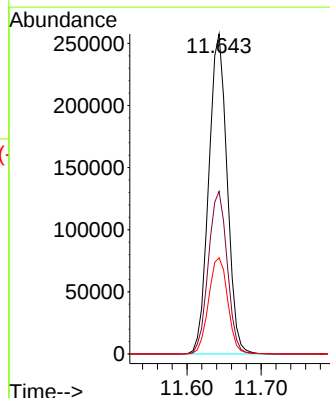
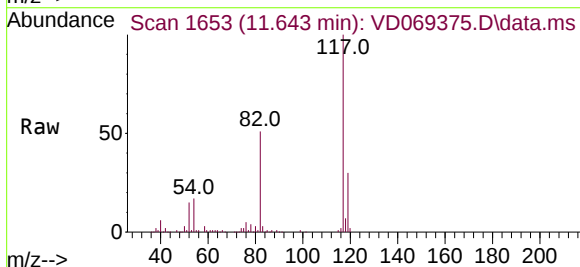
Instrument :
MSVOA_D
ClientSampleId :
18-B12(146-150)

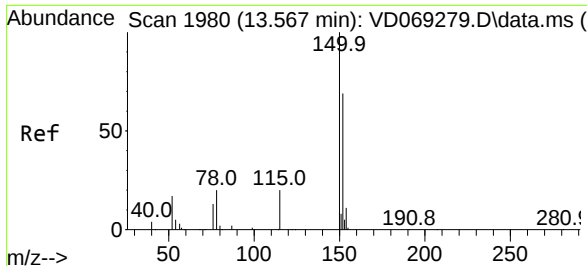
Tgt Ion: 95 Resp: 156902
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.8
176 84.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069375.D
Acq: 07 Jun 2021 18:36

Tgt Ion: 117 Resp: 442974
Ion Ratio Lower Upper
117 100
82 50.8 43.3 64.9
119 30.0 25.3 37.9

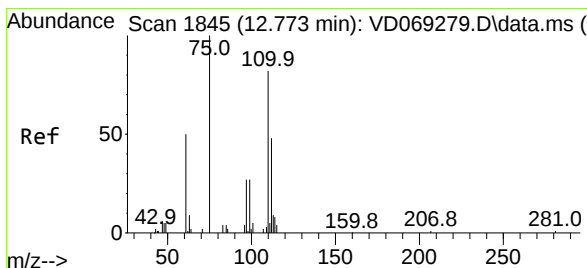
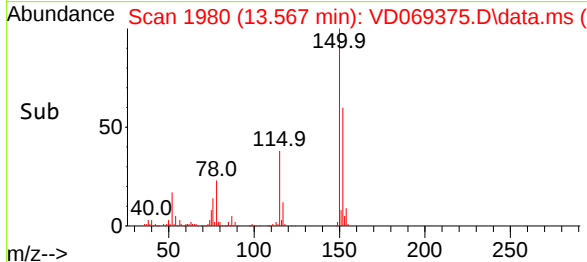
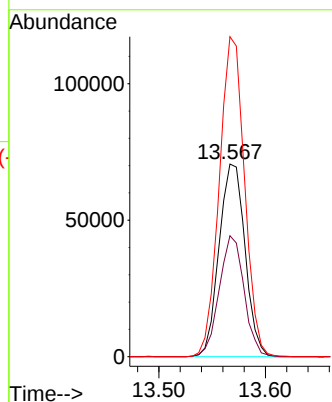
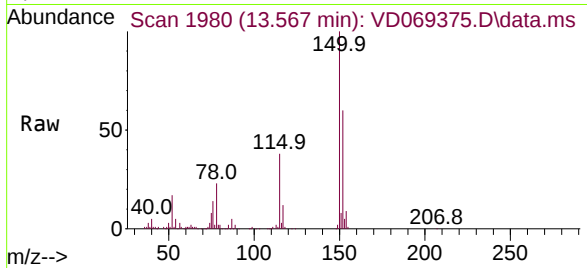




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069375.D
 Acq: 07 Jun 2021 18:36

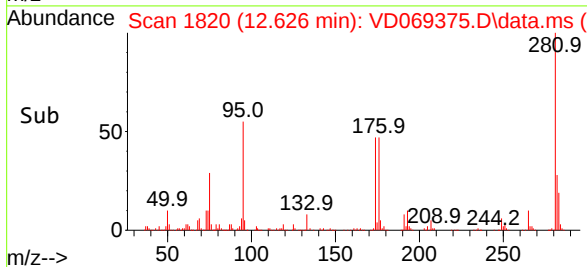
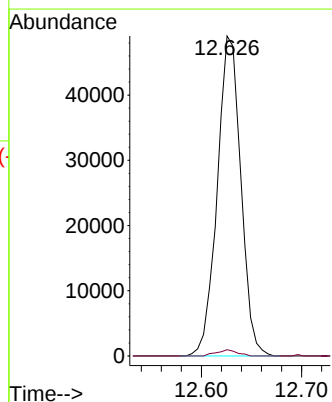
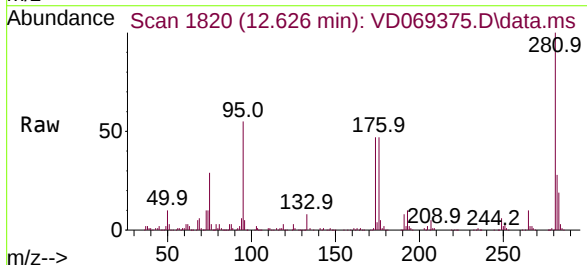
Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(146-150)

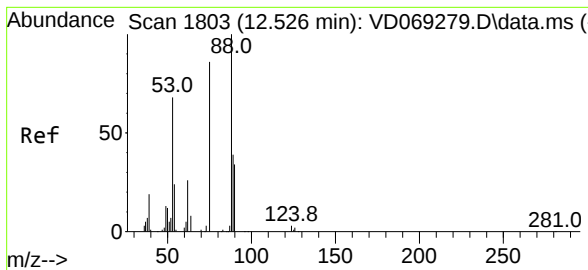
Tgt Ion:152 Resp: 119313
 Ion Ratio Lower Upper
 152 100
 115 60.1 29.4 88.3
 150 161.3 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 77.33 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069375.D
 Acq: 07 Jun 2021 18:36

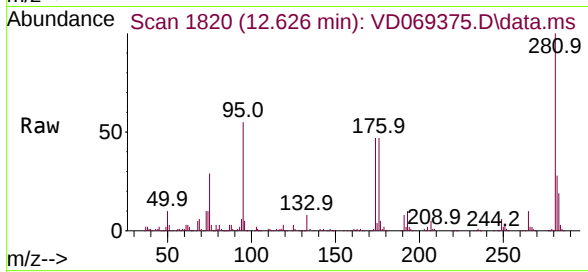
Tgt Ion: 75 Resp: 80160
 Ion Ratio Lower Upper
 75 100
 77 1.7 183.8 551.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 171.36 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069375.D
 Acq: 07 Jun 2021 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(146-150)



Tgt Ion: 75 Resp: 80160
 Ion Ratio Lower Upper
 75 100
 53 0.2 62.6 94.0#
 89 2.0 35.6 53.4#

