

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069463.D
 Acq On : 16 Jun 2021 13:28
 Operator : VA/SY
 Sample : M2709-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 17 02:48:16 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)

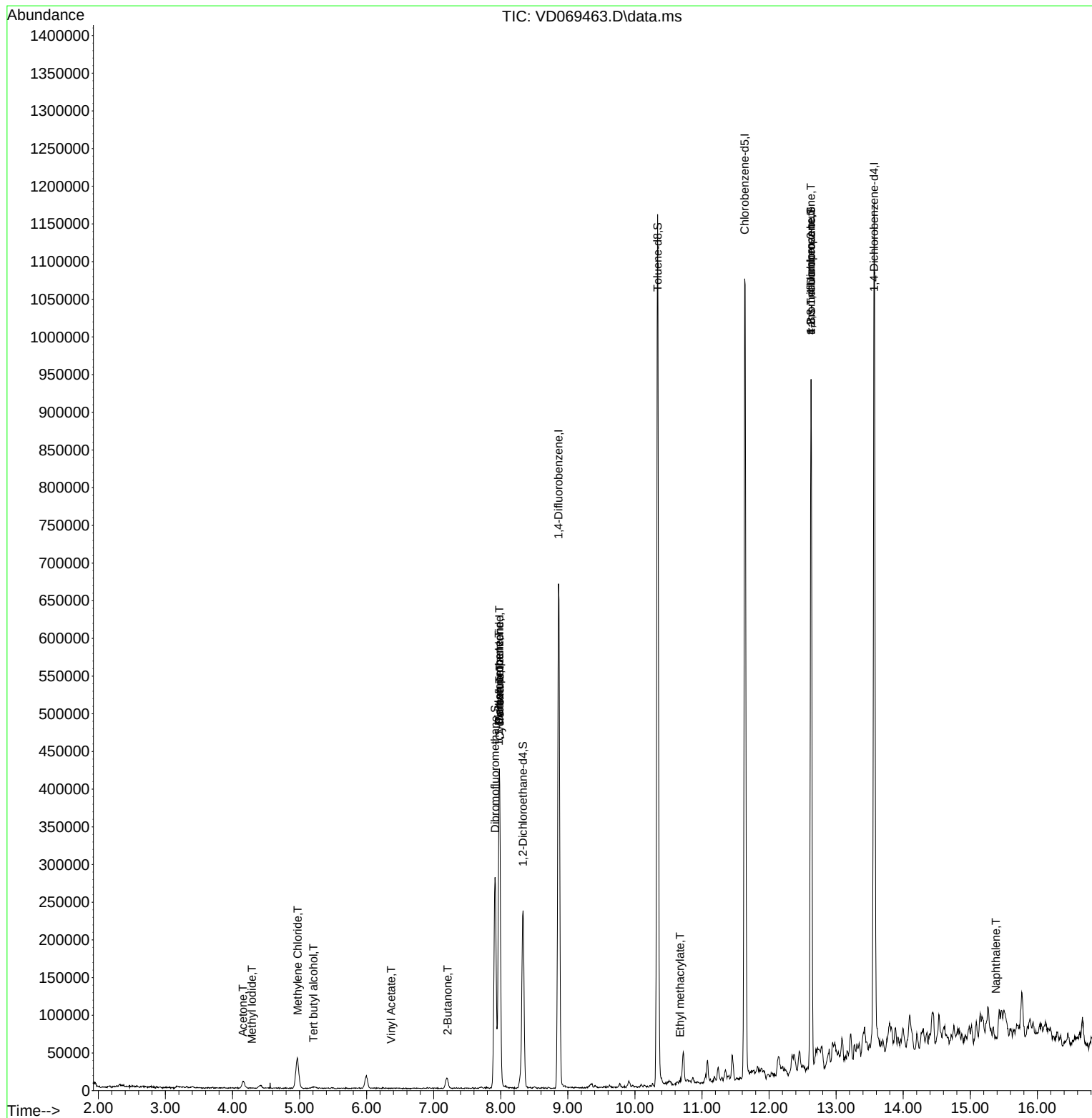
Internal Standards						
1) Pentafluorobenzene	7.979	168	318157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	602348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	677745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194863	54.290	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.580%			
35) Dibromofluoromethane	7.914	113	209785	46.499	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.000%			
50) Toluene-d8	10.338	98	795763	48.225	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.626	95	300175	56.695	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	211	Below Cal	#	5
10) Methyl Iodide	4.291	142	210	3.386	ug/l #	69
11) Tert butyl alcohol	5.208	59	3761	20.155	ug/l #	78
16) Acetone	4.156	43	15911	26.781	ug/l	88
18) Methyl Acetate	4.909	43	68	Below Cal	#	46
20) Methylene Chloride	4.973	84	34149	1.219	ug/l	86
23) Vinyl Acetate	6.367	43	61	17.588	ug/l #	67
25) 2-Butanone	7.208	43	1701	2.296	ug/l #	45
31) Cyclohexane	7.985	56	6672	1.368	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24954	3.978	ug/l #	47
38) Carbon Tetrachloride	7.979	117	32669	4.808	ug/l #	14
56) Ethyl methacrylate	10.673	69	562	2.955	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	144257	44.785	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144257	119.474	ug/l #	18
95) Naphthalene	15.384	128	99	3.579	ug/l #	1

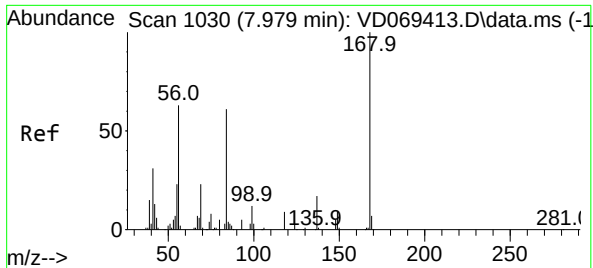
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
Data File : VD069463.D
Acq On : 16 Jun 2021 13:28
Operator : VA/SY
Sample : M2709-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 17 02:48:16 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

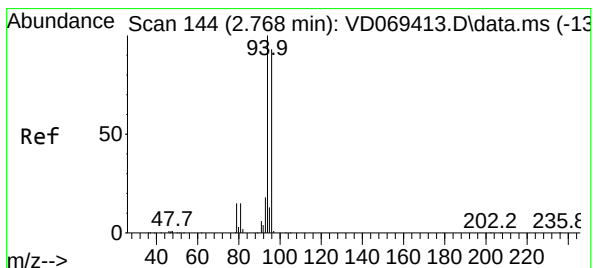
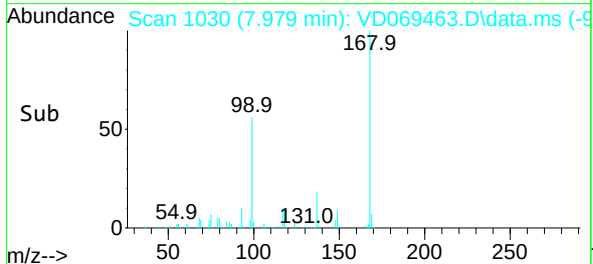
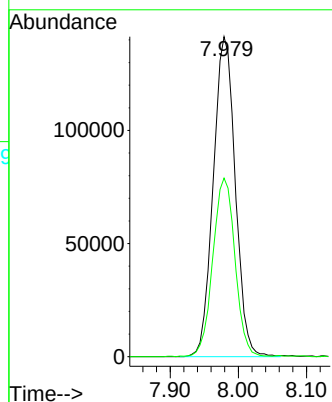
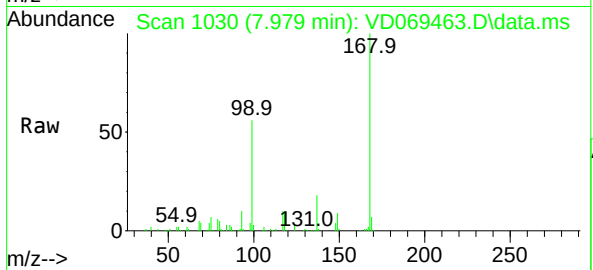




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

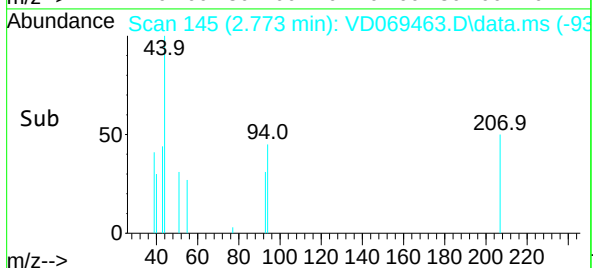
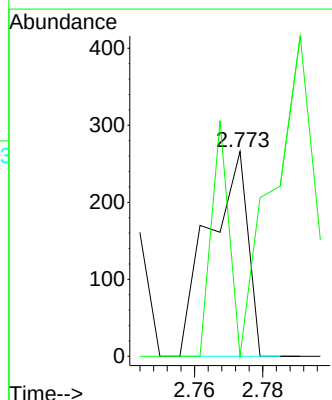
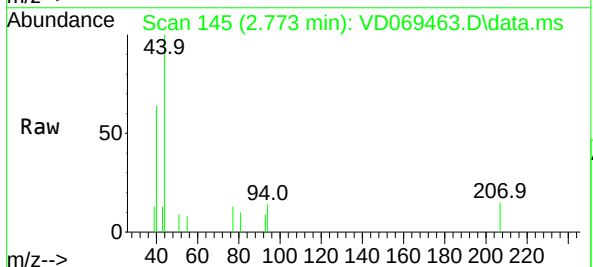
Instrument :
MSVOA_D
ClientSampleId :

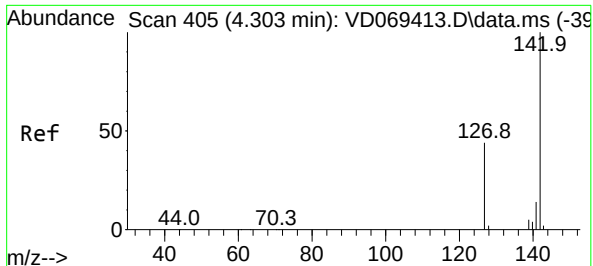
Tgt Ion:168 Resp: 318157
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

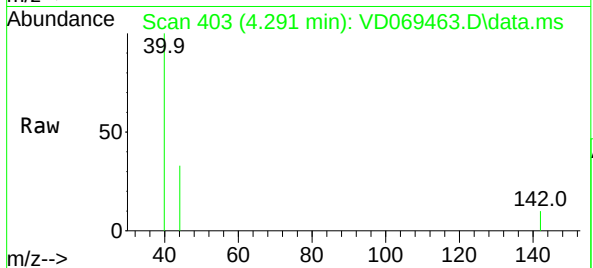
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 0.0 70.3 105.5#



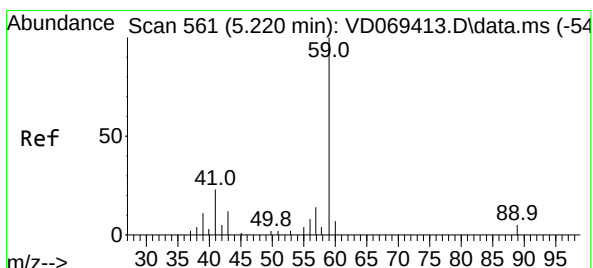
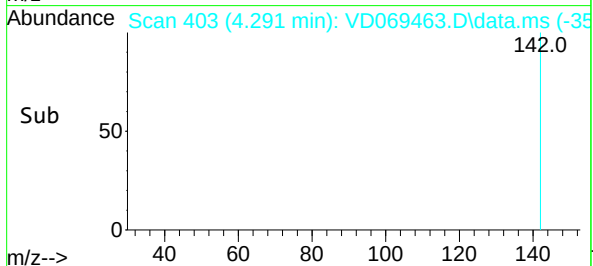
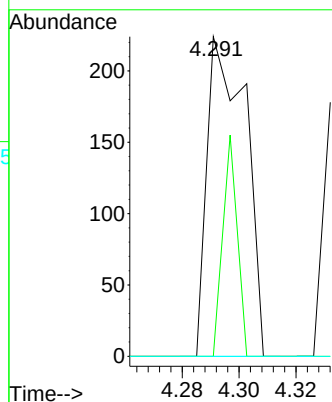


#10
Methyl Iodide
Concen: 3.386 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Instrument :
MSVOA_D
ClientSampled :

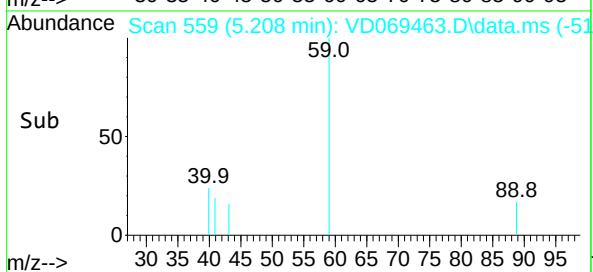
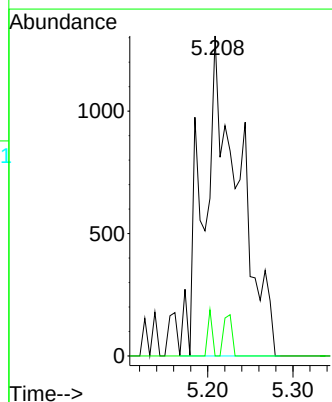
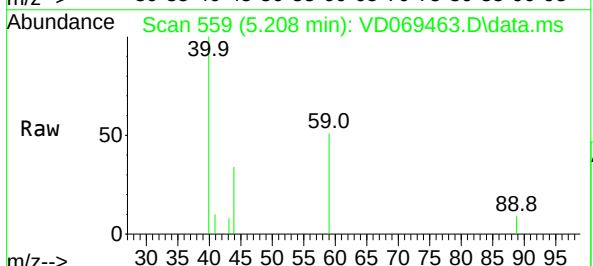


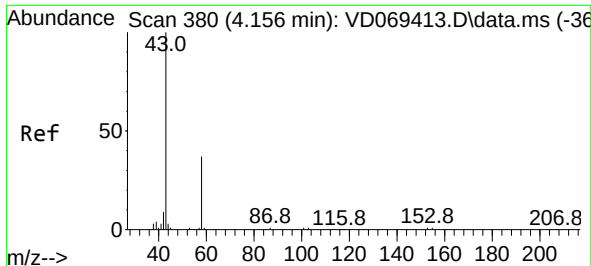
Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 26.2 36.2 54.2#
141 0.0 12.2 18.2#



#11
Tert butyl alcohol
Concen: 20.155 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

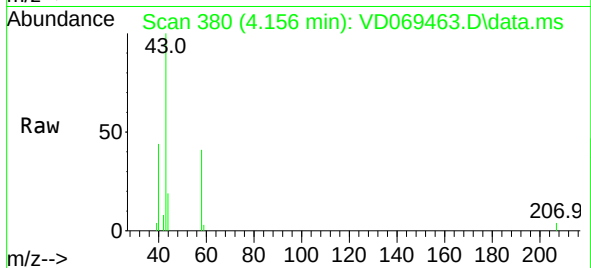
Tgt Ion: 59 Resp: 3761
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.8#



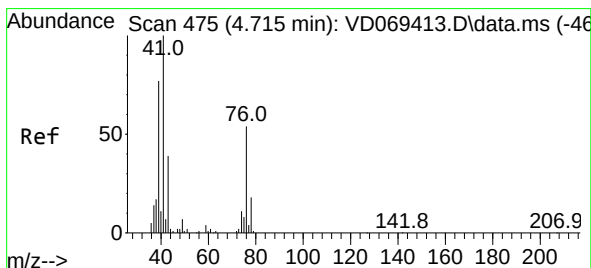
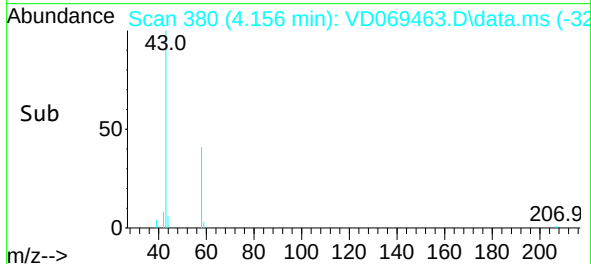
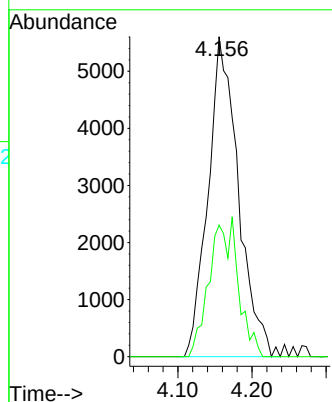


#16
Acetone
Concen: 26.781 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Instrument :
MSVOA_D
ClientSampled :

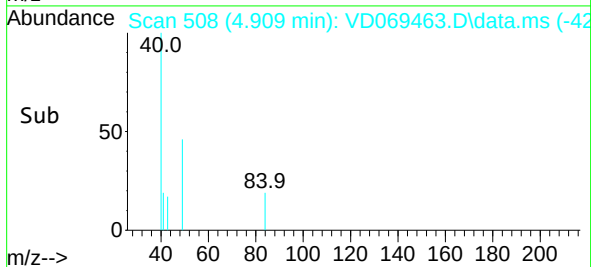
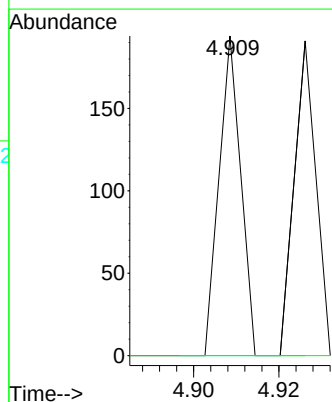
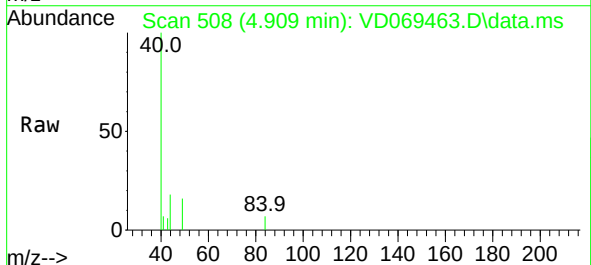


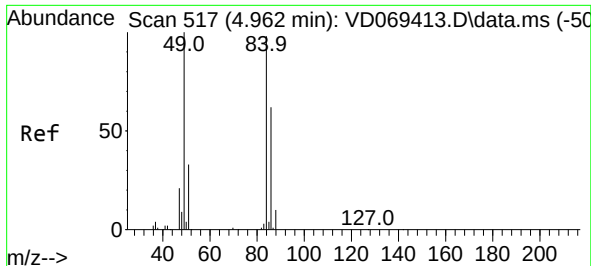
Tgt Ion: 43 Resp: 15911
Ion Ratio Lower Upper
43 100
58 41.1 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.909 min Scan# 508
Delta R.T. 0.194 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

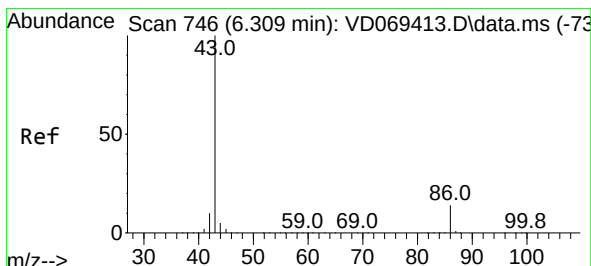
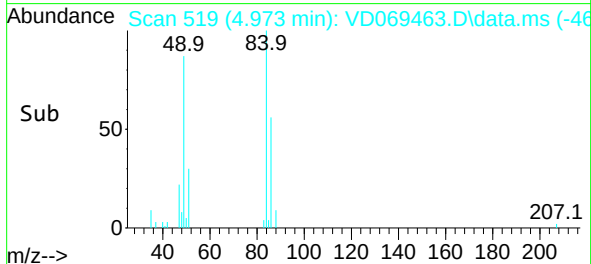
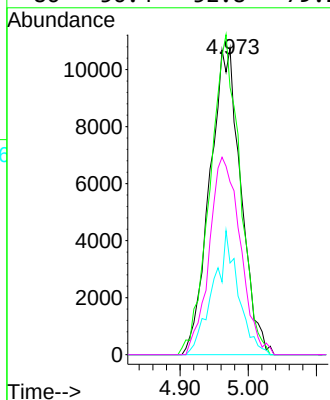
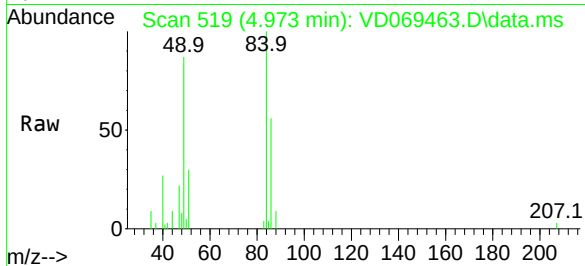




#20
Methylene Chloride
Concen: 1.219 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

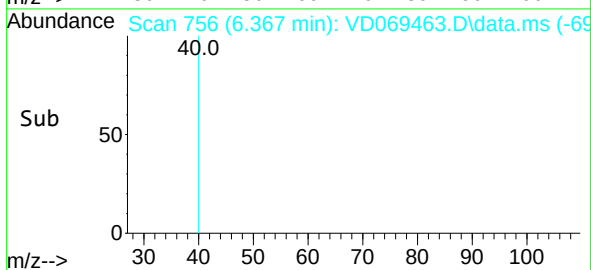
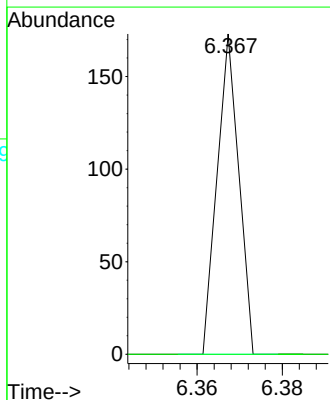
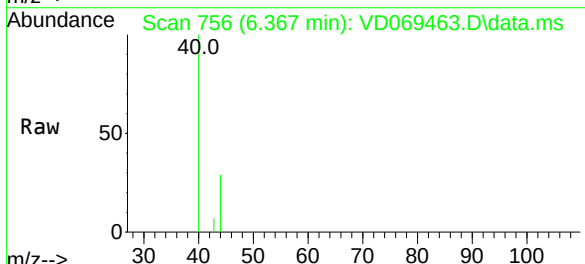
Instrument :
MSVOA_D
ClientSampleId :

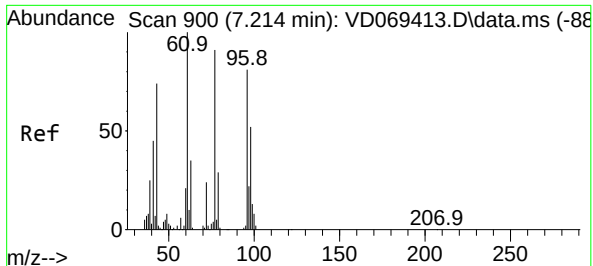
Tgt Ion:	84	Resp:	34149
Ion	Ratio	Lower	Upper
84	100		
49	87.2	83.7	125.5
51	29.9	26.4	39.6
86	56.4	52.8	79.2



#23
Vinyl Acetate
Concen: 17.588 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.058 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

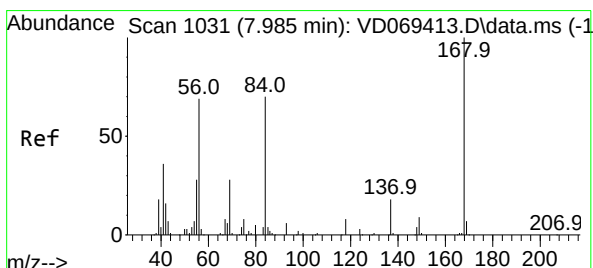
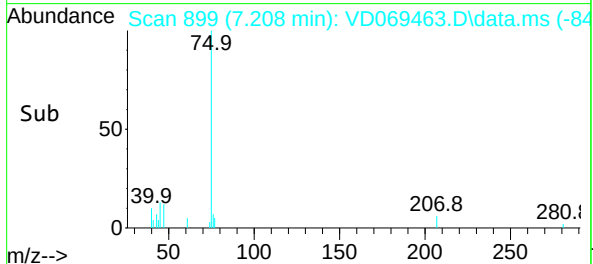
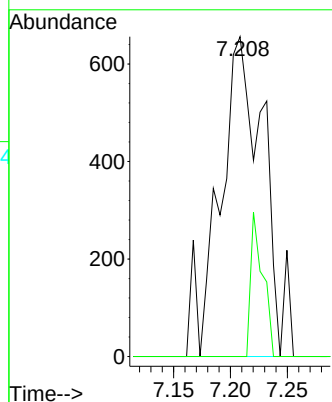
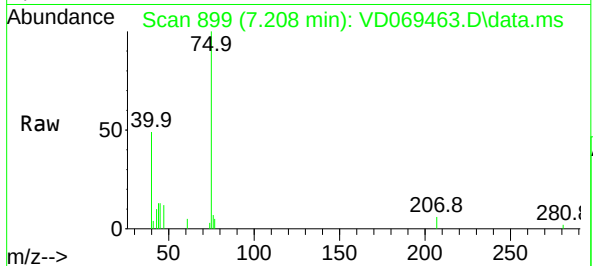




#25
2-Butanone
Concen: 2.296 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

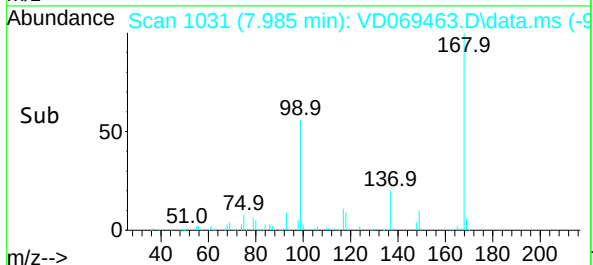
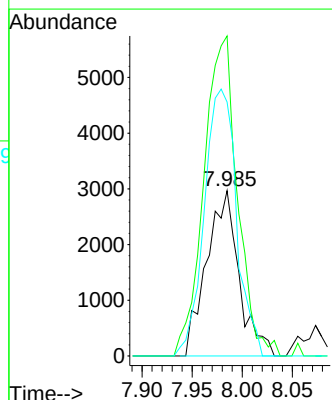
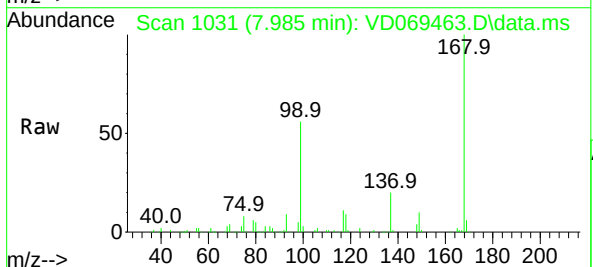
Instrument :
MSVOA_D
ClientSampled :

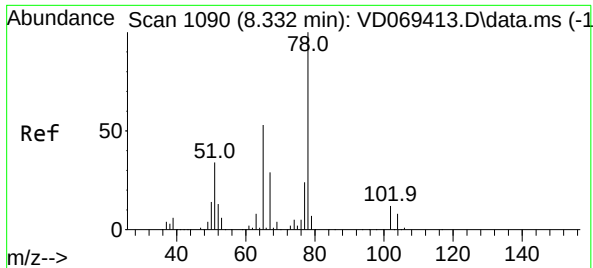
Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion: 56 Resp: 6672
Ion Ratio Lower Upper
56 100
69 193.6 29.0 43.4#
84 153.7 81.1 121.7#

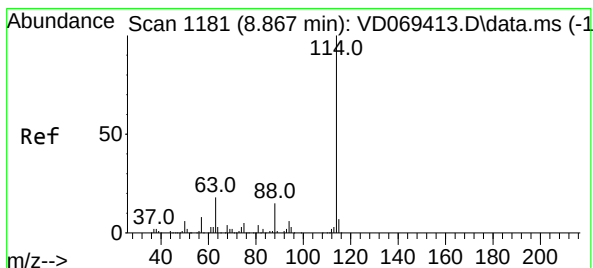
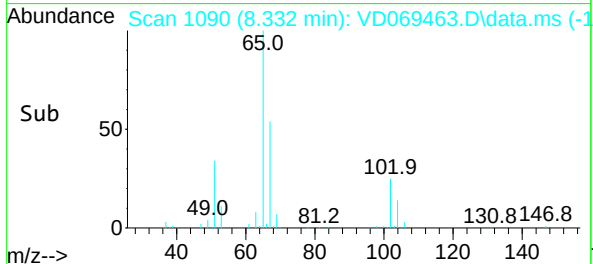
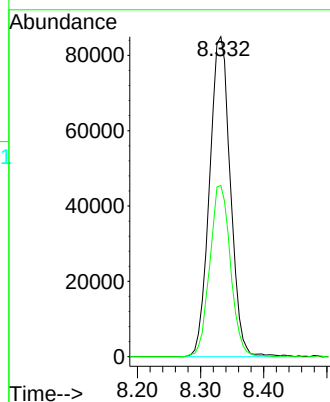
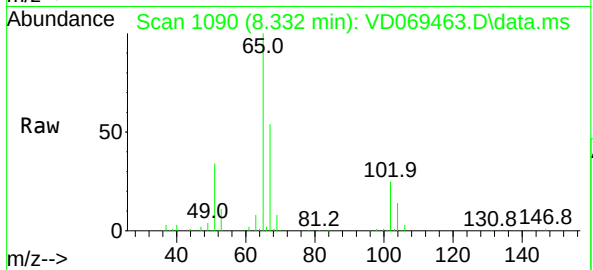




#33
1,2-Dichloroethane-d4
Concen: 54.290 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

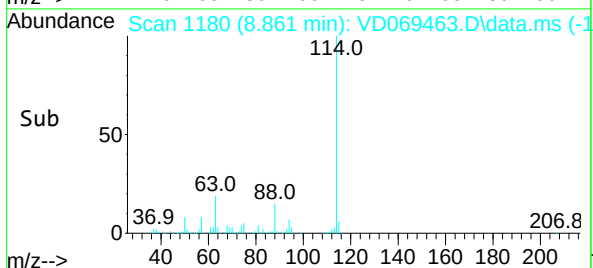
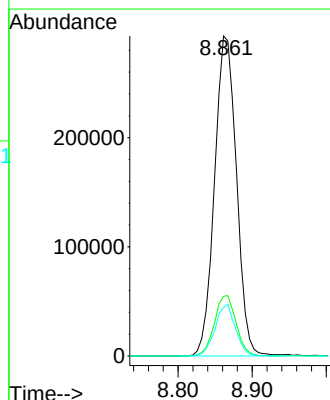
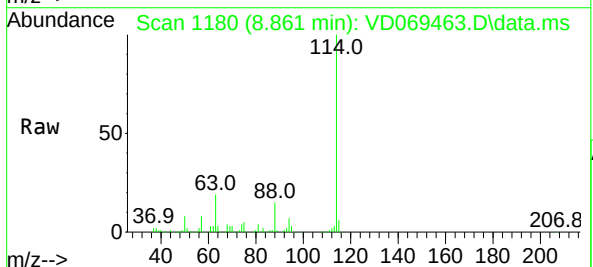
Instrument :
MSVOA_D
ClientSampleId :

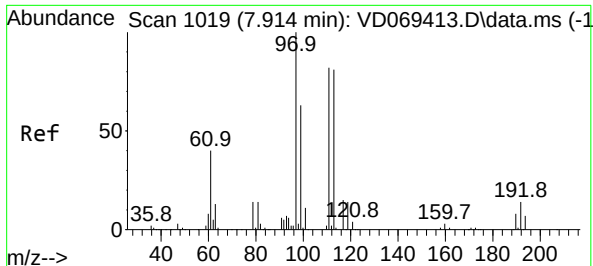
Tgt Ion: 65 Resp: 194863
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion: 114 Resp: 602348
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.499 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069463.D

Acq: 16 Jun 2021 13:28

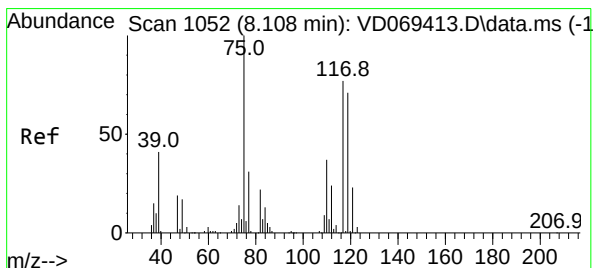
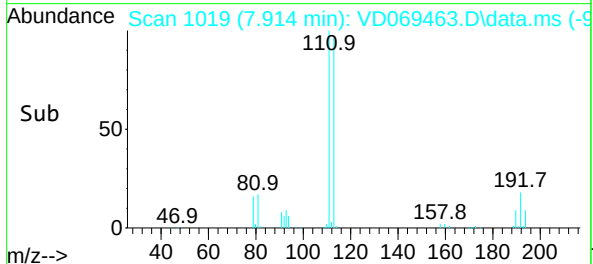
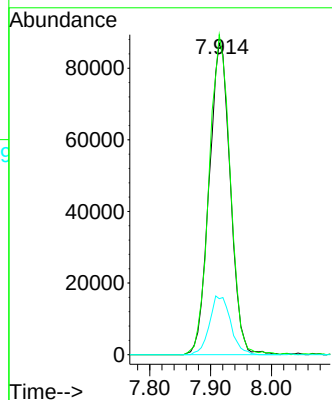
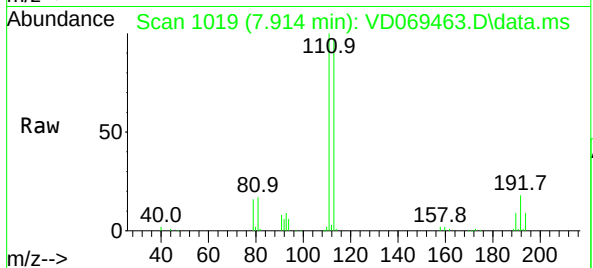
Tgt Ion:113 Resp: 209785

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.978 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD069463.D

Acq: 16 Jun 2021 13:28

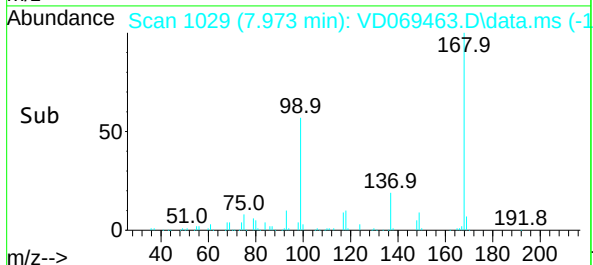
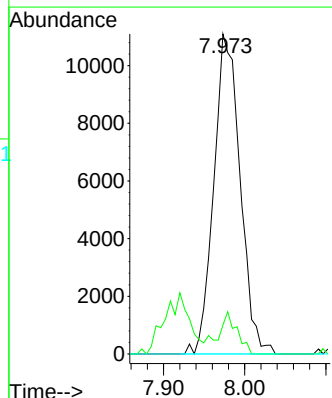
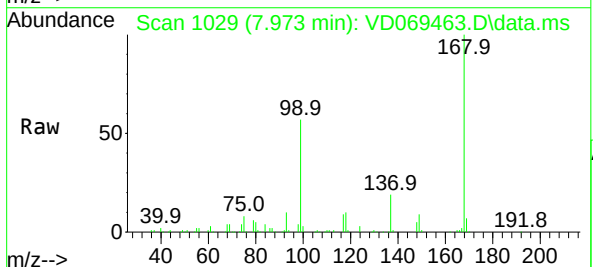
Tgt Ion: 75 Resp: 24954

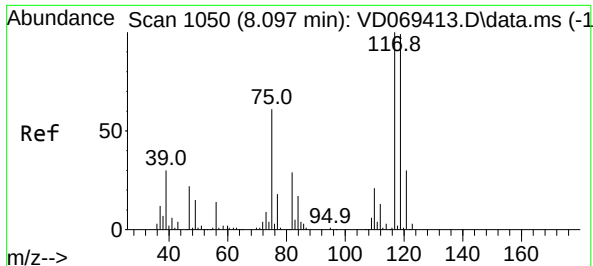
Ion Ratio Lower Upper

75 100

110 7.1 18.4 55.2#

77 0.0 24.9 37.3#

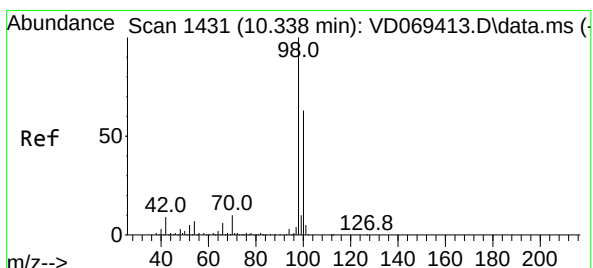
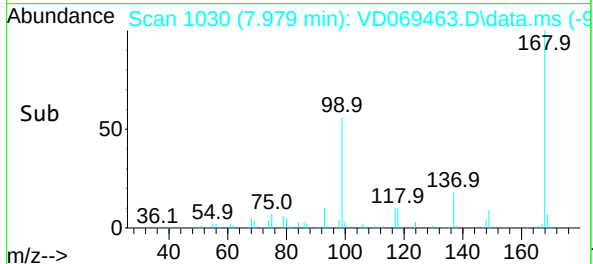
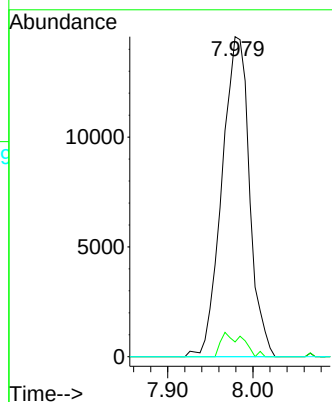
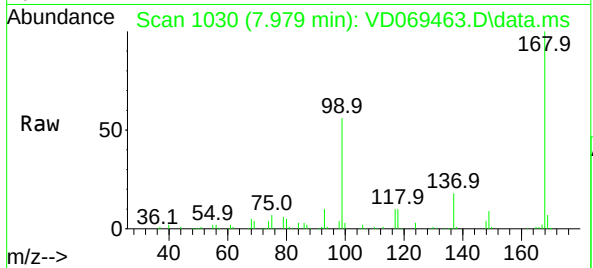




#38
Carbon Tetrachloride
Concen: 4.808 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

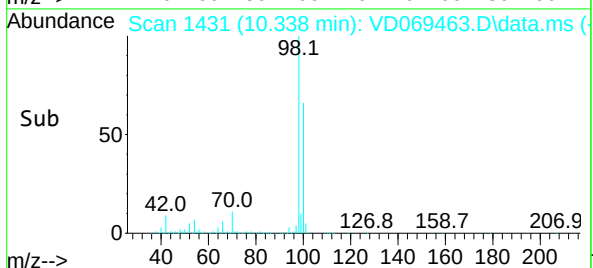
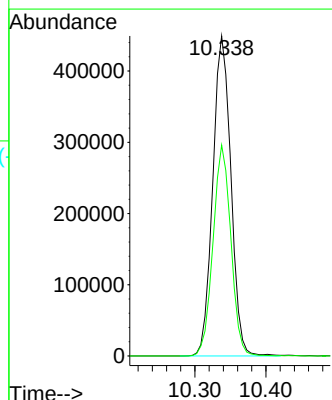
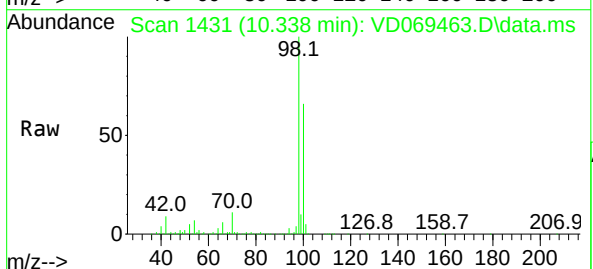
Instrument :
MSVOA_D
ClientSampleId :

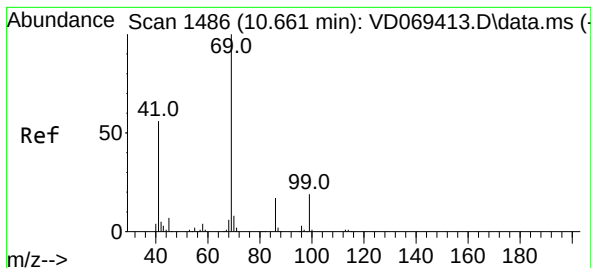
Tgt Ion:117 Resp: 32669
Ion Ratio Lower Upper
117 100
119 4.6 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion: 98 Resp: 795763
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

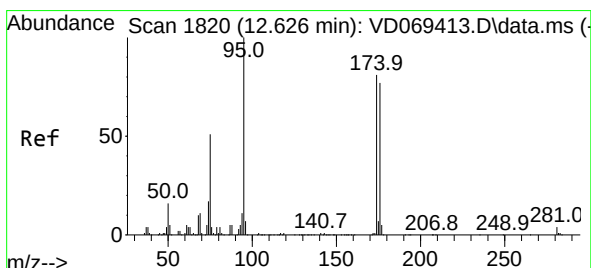
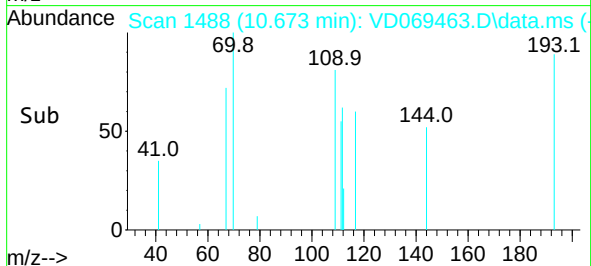
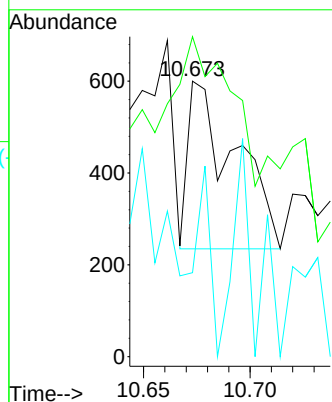
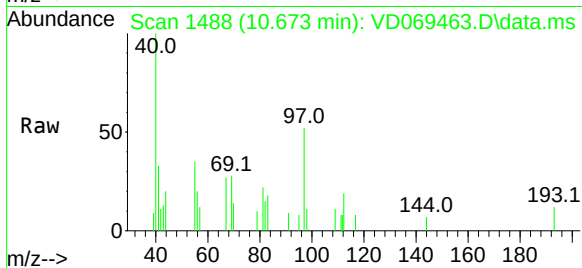




#56
Ethyl methacrylate
Concen: 2.955 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

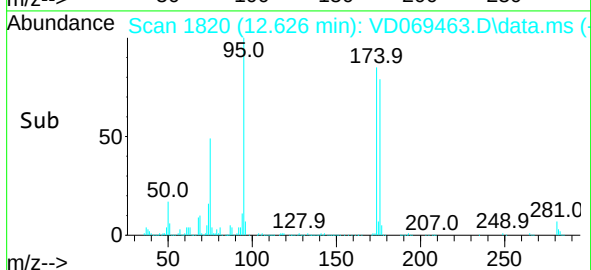
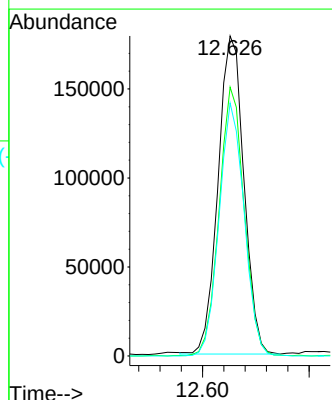
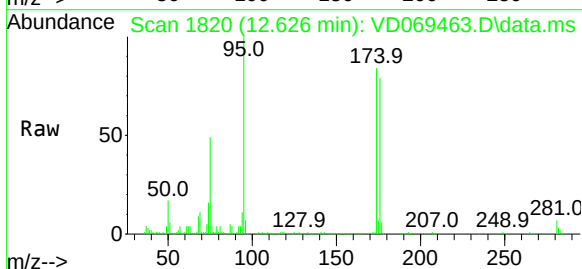
Instrument :
MSVOA_D
ClientSampled :

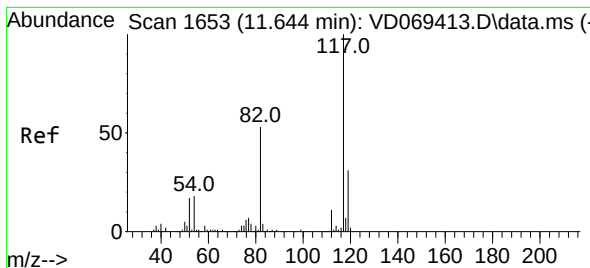
Tgt Ion: 69 Resp: 562
Ion Ratio Lower Upper
69 100
41 184.2 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 56.695 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion: 95 Resp: 300175
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.8
176 77.3 0.0 154.4

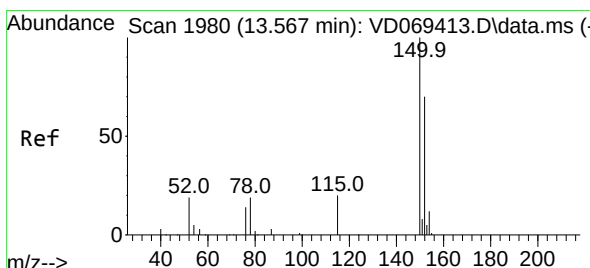
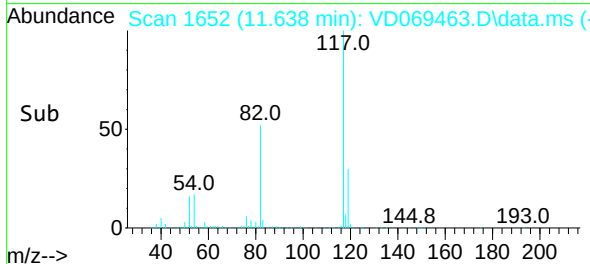
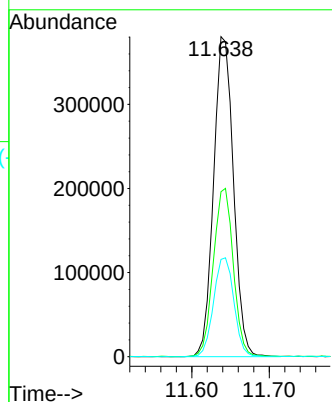
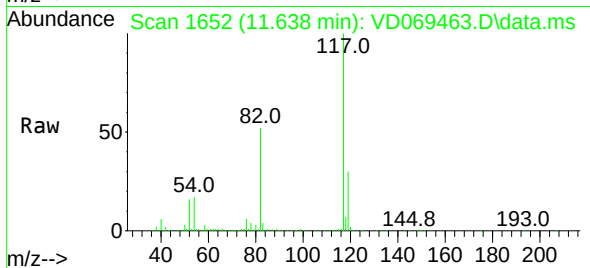




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

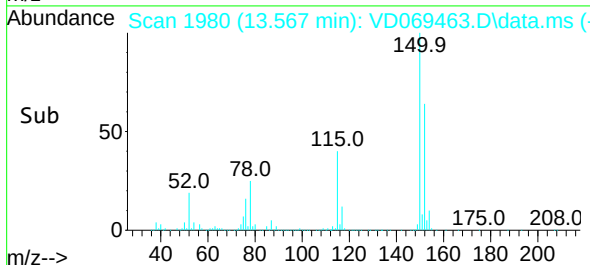
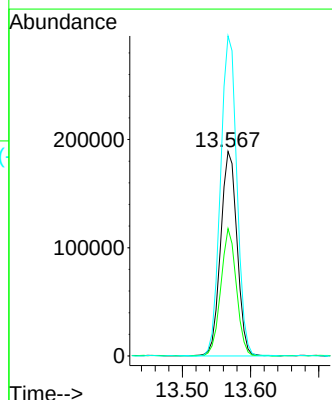
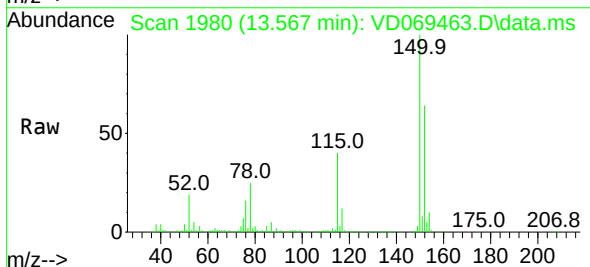
Instrument :
MSVOA_D
ClientSampleId :

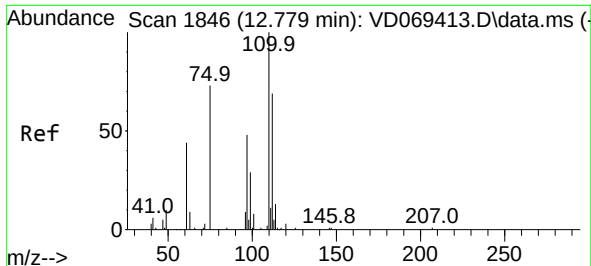
Tgt Ion:117 Resp: 677745
Ion Ratio Lower Upper
117 100
82 51.5 43.3 64.9
119 30.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Tgt Ion:152 Resp: 317717
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 155.6 0.0 355.0

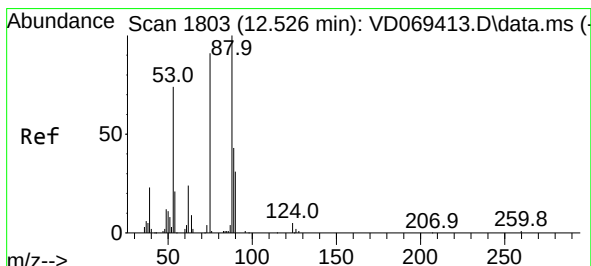
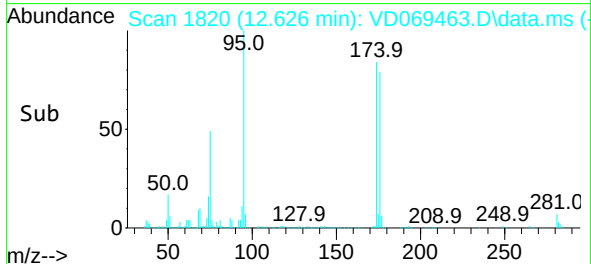
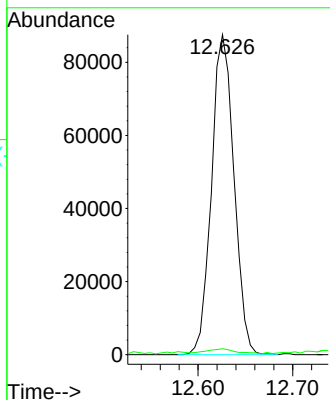
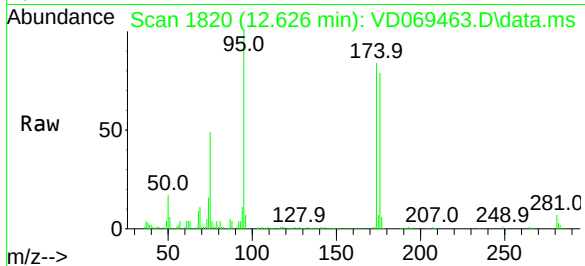




#76
1,2,3-Trichloropropane
Concen: 44.785 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

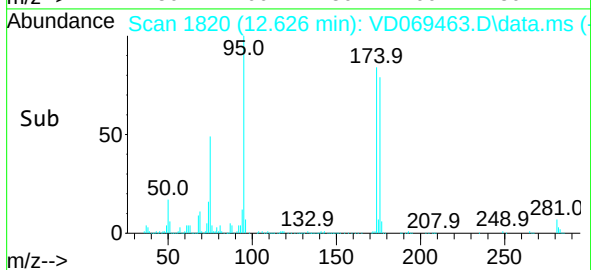
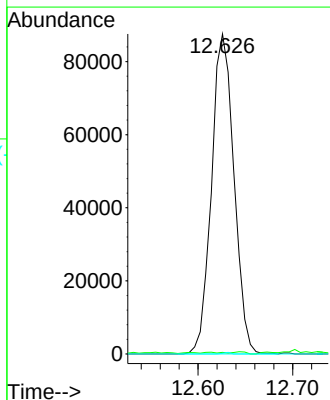
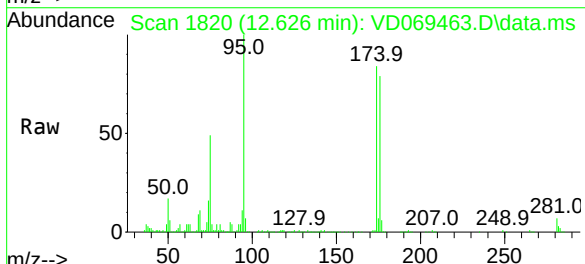
Instrument :
MSVOA_D
ClientSampled :

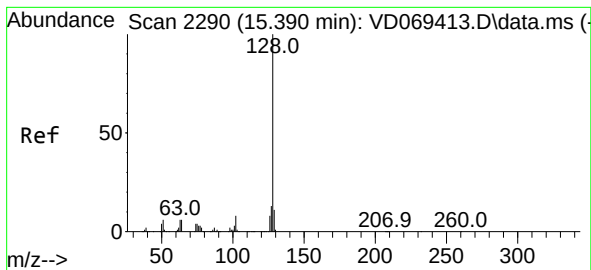
Tgt Ion: 75 Resp: 144257
Ion Ratio Lower Upper
75 100
77 2.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.474 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

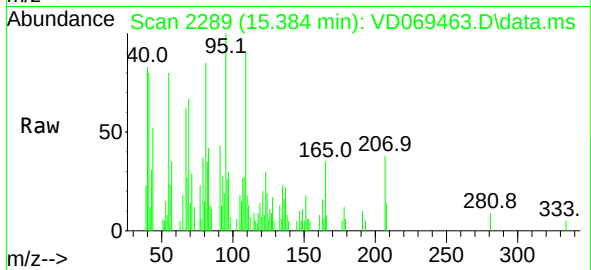
Tgt Ion: 75 Resp: 144257
Ion Ratio Lower Upper
75 100
53 0.4 62.6 94.0#
89 0.2 35.6 53.4#





#95
Naphthalene
Concen: 3.579 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069463.D
Acq: 16 Jun 2021 13:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 99
Ion Ratio Lower Upper
128 100
127 497.0 10.4 15.6#
129 220.2 8.8 13.2#

