

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069387.D
 Acq On : 08 Jun 2021 12:56
 Operator : VA/SY
 Sample : M2625-01
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

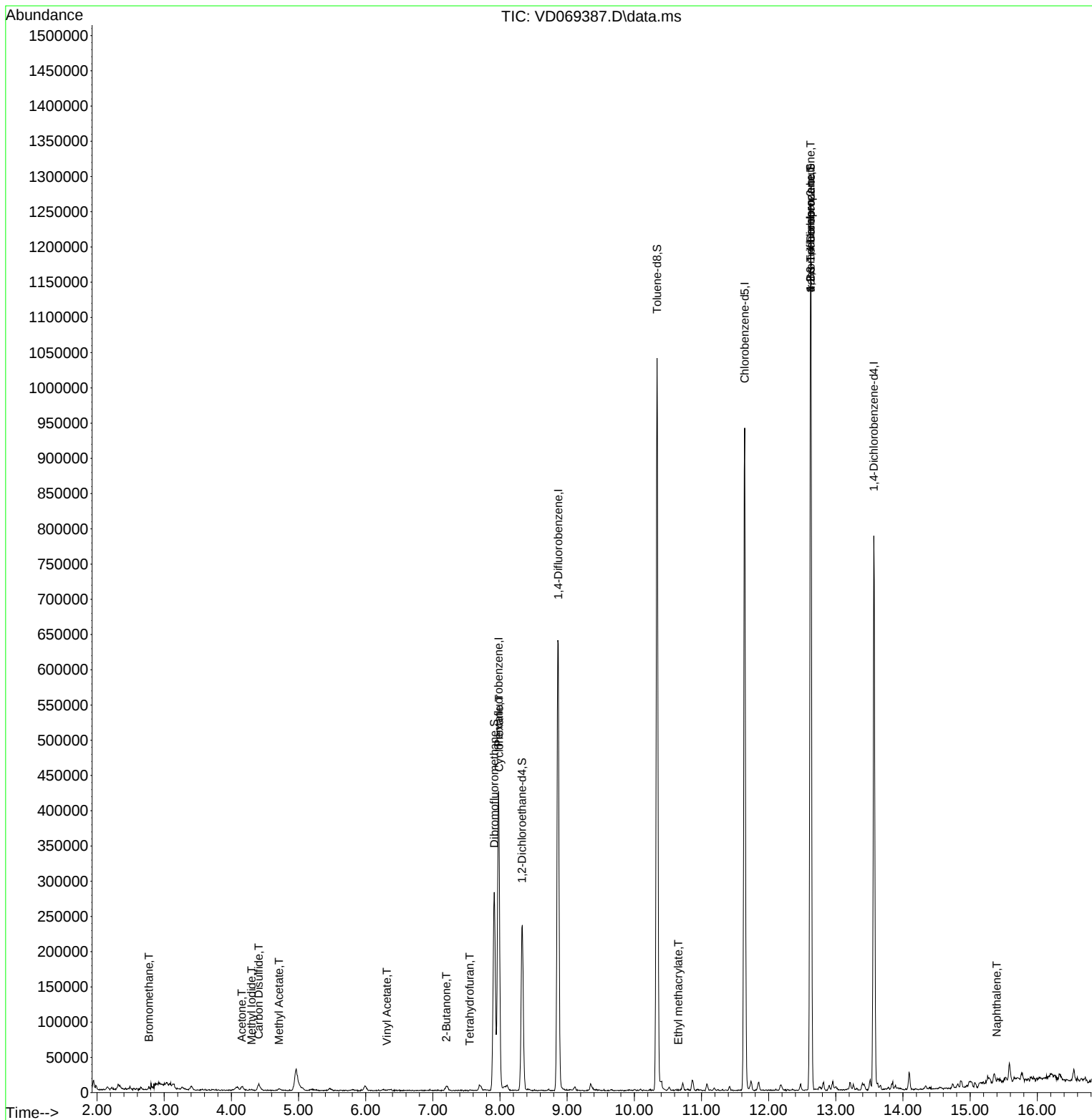
Quant Time: Jun 09 02:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

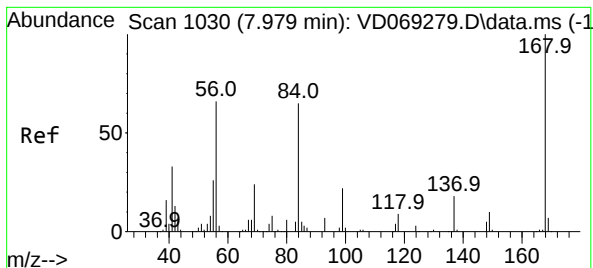
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	322178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	582406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	565302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190279	61.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.100%	
35) Dibromofluoromethane	7.914	113	203930	55.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.520%	
50) Toluene-d8	10.338	98	729089	54.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.640%	
62) 4-Bromofluorobenzene	12.626	95	233609	53.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	2114	1.111	ug/l #	72
10) Methyl Iodide	4.303	142	1282	2.844	ug/l #	61
11) Tert butyl alcohol	5.209	59	336	Below Cal	#	73
16) Acetone	4.156	43	9901	18.353	ug/l	99
17) Carbon Disulfide	4.409	76	17643	1.651	ug/l	99
18) Methyl Acetate	4.709	43	1560	1.069	ug/l #	46
20) Methylene Chloride	4.967	84	23823	Below Cal		96
23) Vinyl Acetate	6.314	43	262	11.664	ug/l #	67
25) 2-Butanone	7.203	43	917	1.292	ug/l #	45
29) Tetrahydrofuran	7.550	42	756	1.853	ug/l #	36
31) Cyclohexane	7.985	56	9072	1.847	ug/l #	56
56) Ethyl methacrylate	10.655	69	74	2.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	120208	64.478	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	120208	142.884	ug/l #	19
95) Naphthalene	15.396	128	3261	3.718	ug/l #	89

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

Quant Time: Jun 09 02:08:51 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

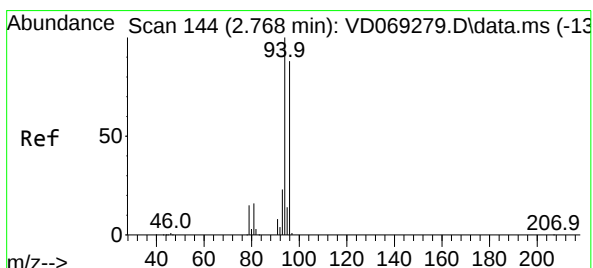
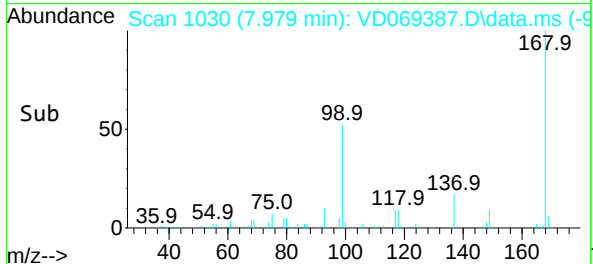
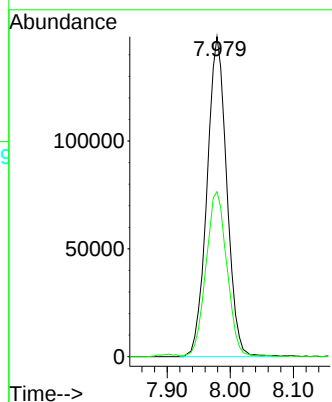
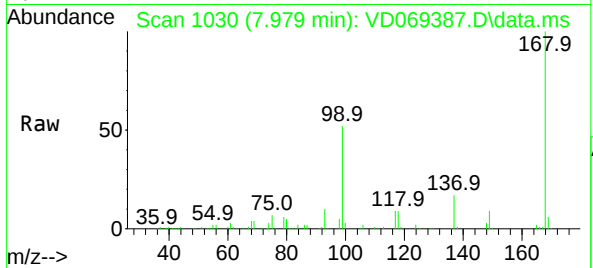




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

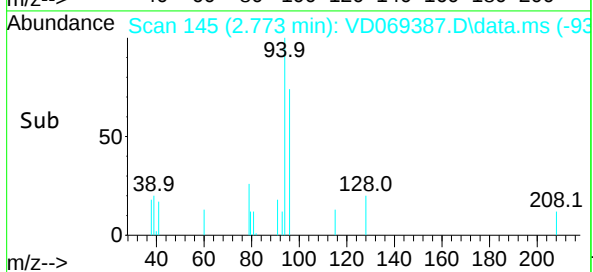
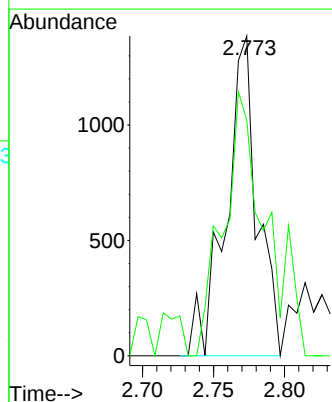
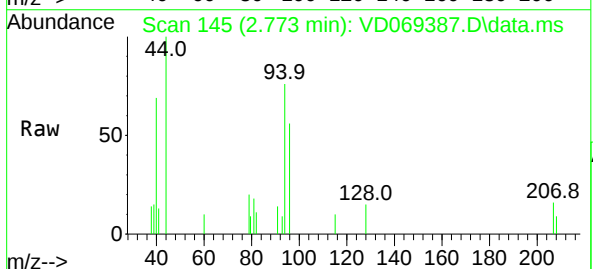
Instrument :
MSVOA_D
ClientSampled :

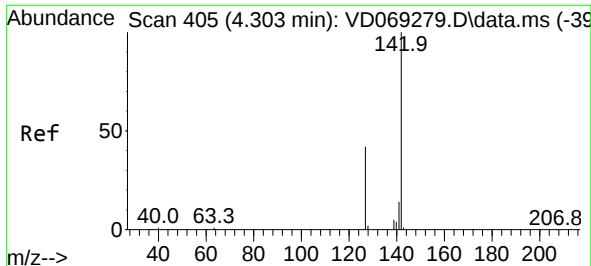
Tgt Ion:168 Resp: 322178
Ion Ratio Lower Upper
168 100
99 51.5 46.2 69.2



#5
Bromomethane
Concen: 1.111 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

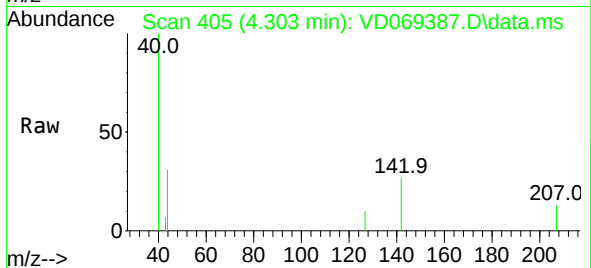
Tgt Ion: 94 Resp: 2114
Ion Ratio Lower Upper
94 100
96 61.8 70.3 105.5#



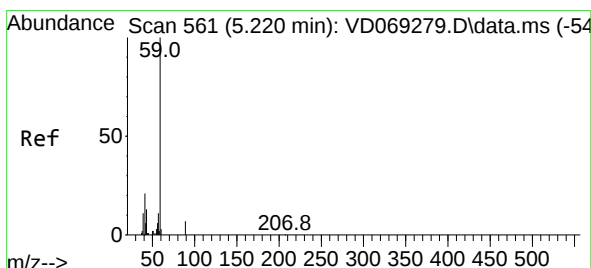
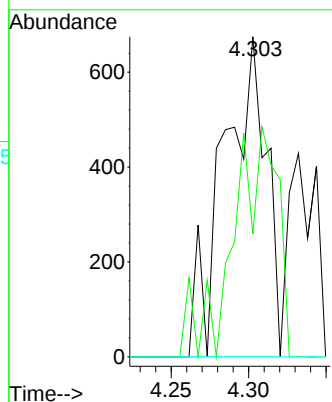
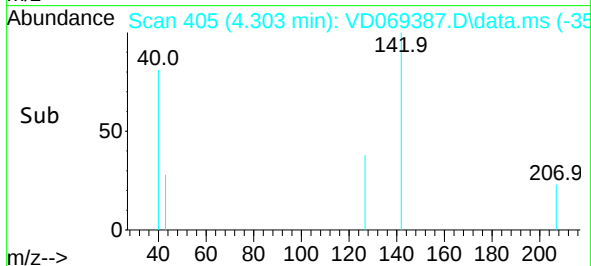


#10
Methyl Iodide
Concen: 2.844 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

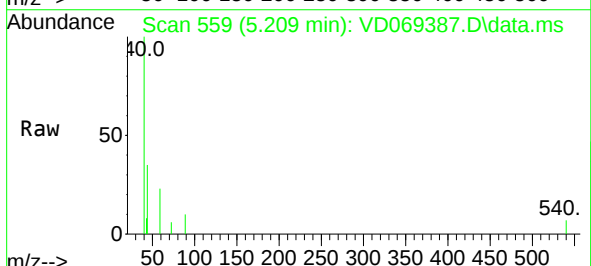
Instrument :
MSVOA_D
ClientSampled :



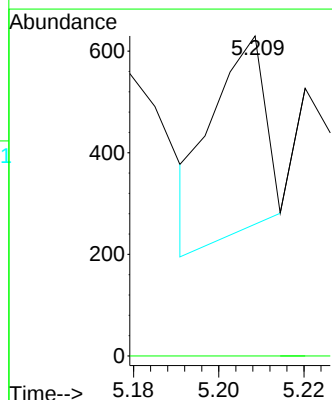
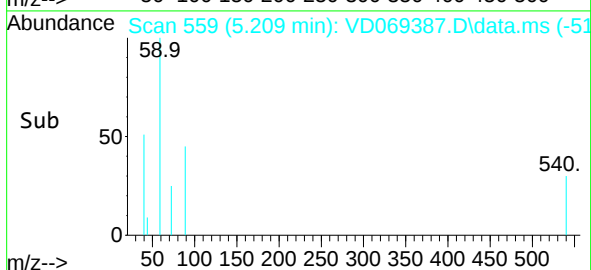
Tgt Ion:142 Resp: 1282
Ion Ratio Lower Upper
142 100
127 71.5 36.2 54.2#
141 0.0 12.2 18.2#

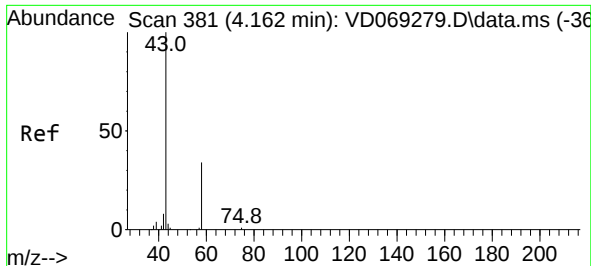


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56



Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

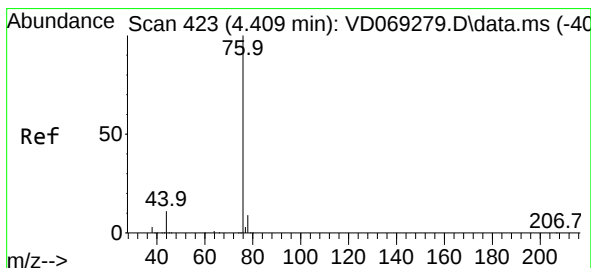
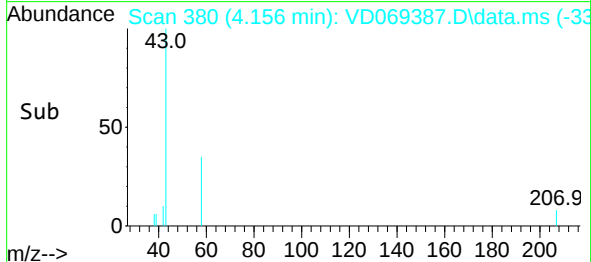
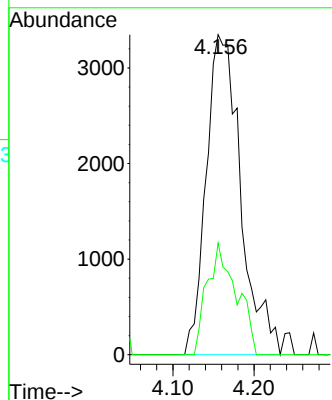
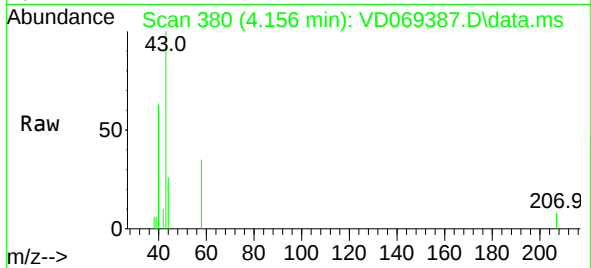




#16
Acetone
Concen: 18.353 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

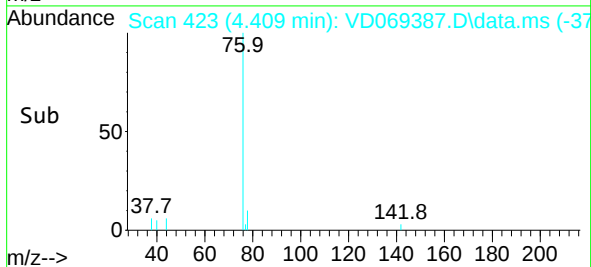
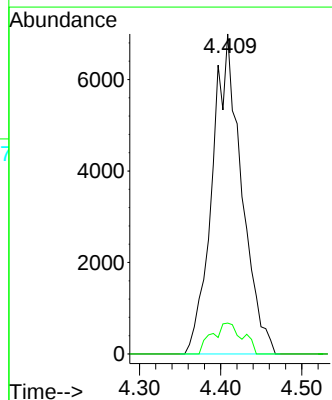
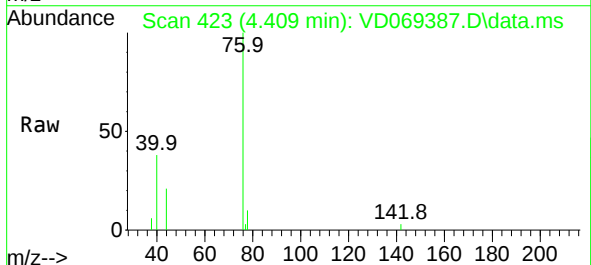
Instrument :
MSVOA_D
ClientSampleId :

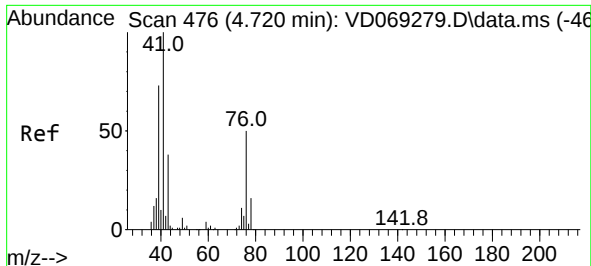
Tgt Ion: 43 Resp: 9901
Ion Ratio Lower Upper
43 100
58 34.9 27.5 41.3



#17
Carbon Disulfide
Concen: 1.651 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 76 Resp: 17643
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

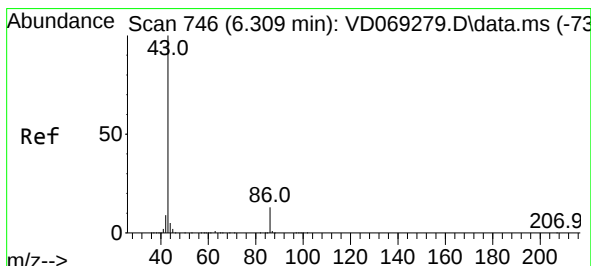
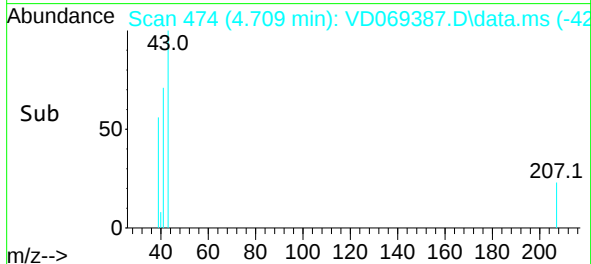
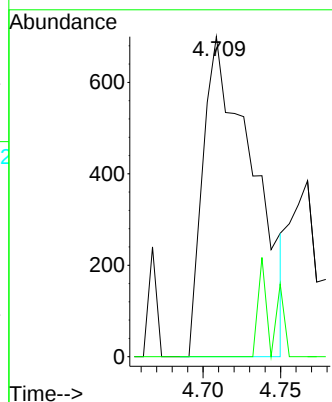
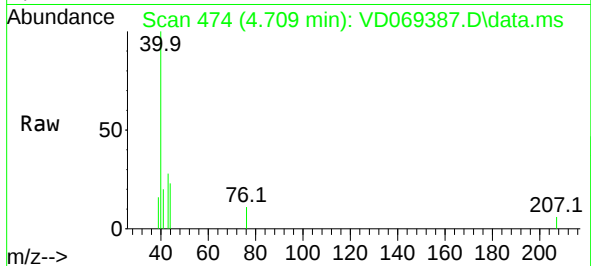




#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

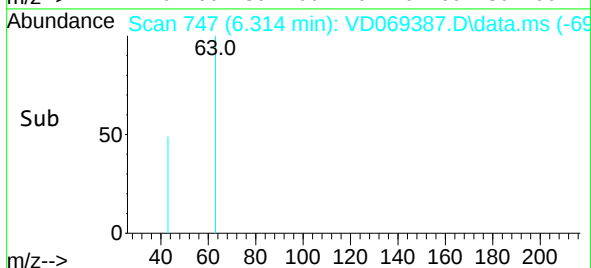
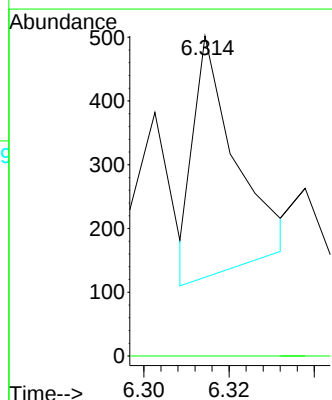
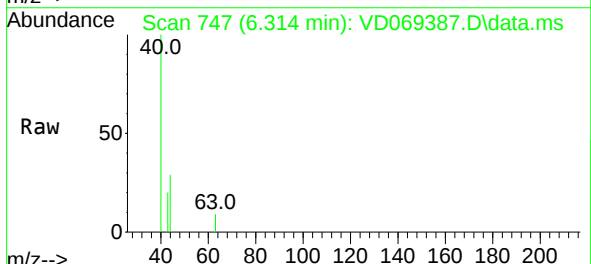
Instrument :
MSVOA_D
ClientSampled :

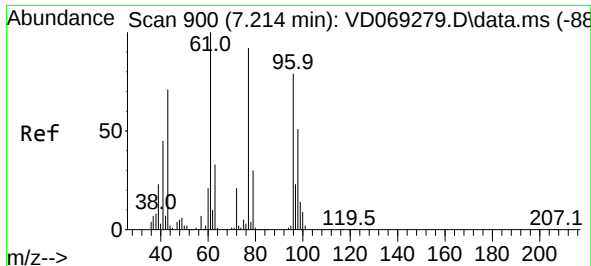
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#23
Vinyl Acetate
Concen: 11.664 ug/l
RT: 6.314 min Scan# 747
Delta R.T. 0.005 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
86 0.0 10.5 15.7#

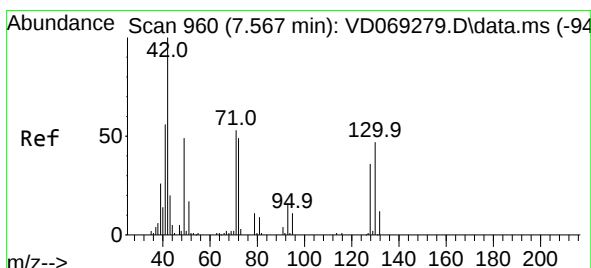
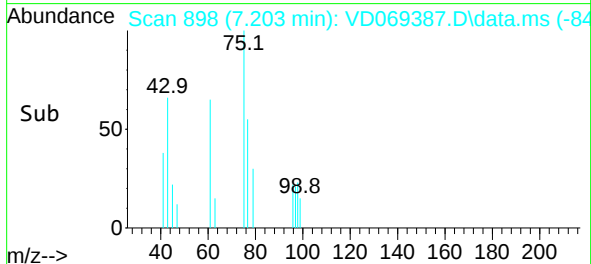
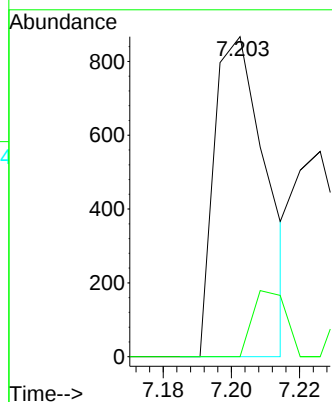
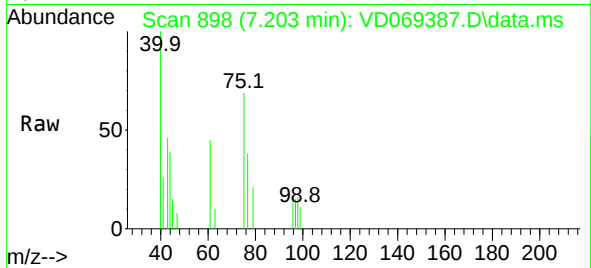




#25
2-Butanone
Concen: 1.292 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

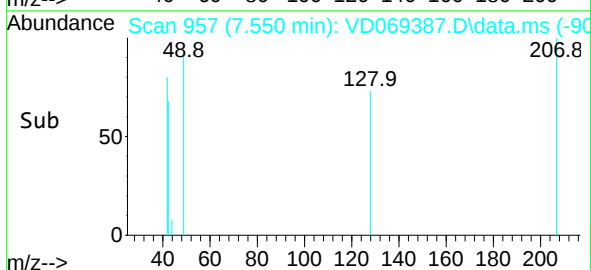
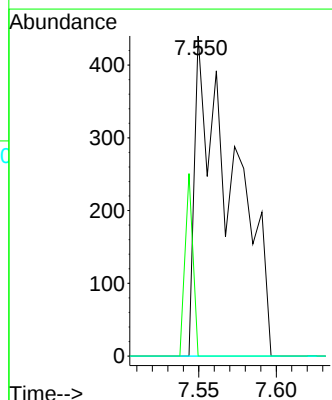
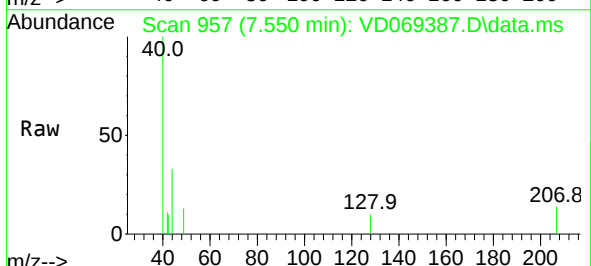
Instrument :
MSVOA_D
ClientSampled :

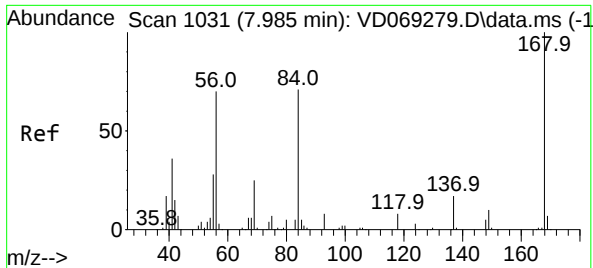
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#29
Tetrahydrofuran
Concen: 1.853 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.018 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

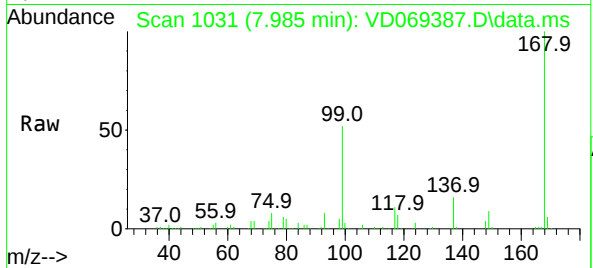
Tgt Ion: 42 Resp: 756
Ion Ratio Lower Upper
42 100
72 11.8 41.0 61.6#
71 0.0 38.9 58.3#



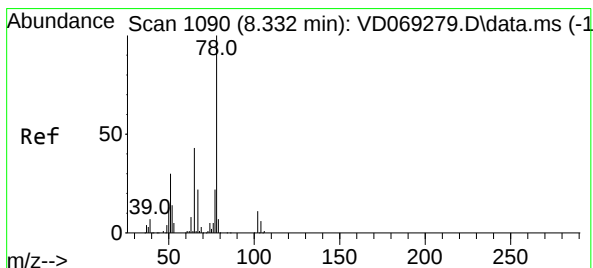
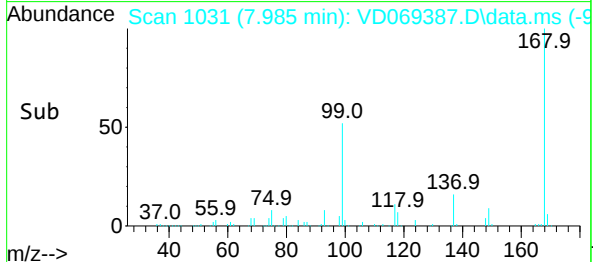
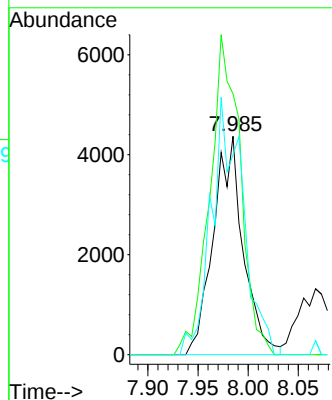


#31
Cyclohexane
Concen: 1.847 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Instrument :
MSVOA_D
ClientSampleId :

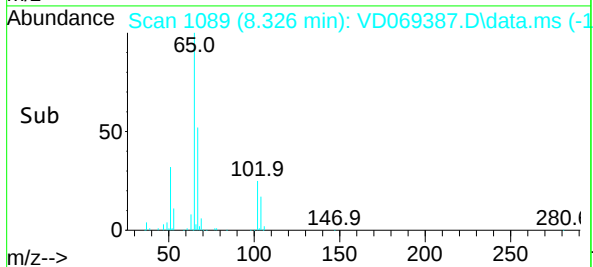
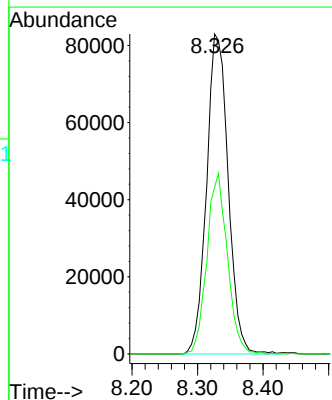
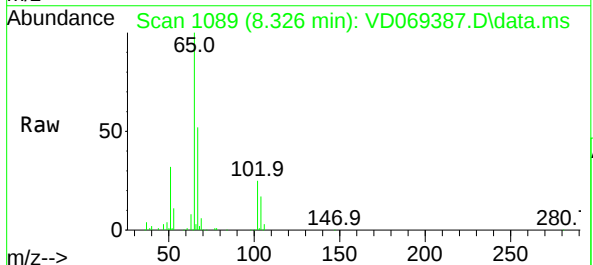


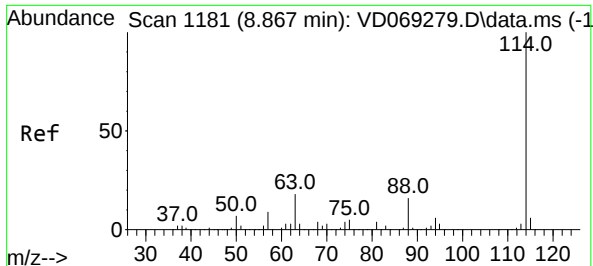
Tgt Ion: 56 Resp: 9072
Ion Ratio Lower Upper
56 100
69 119.4 29.0 43.4#
84 91.5 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 61.552 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 65 Resp: 190279
Ion Ratio Lower Upper
65 100
67 53.4 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: VD069387.D

Acq: 08 Jun 2021 12:56

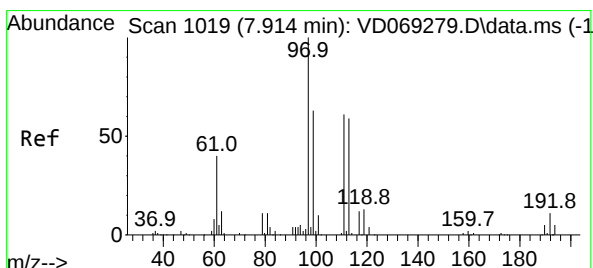
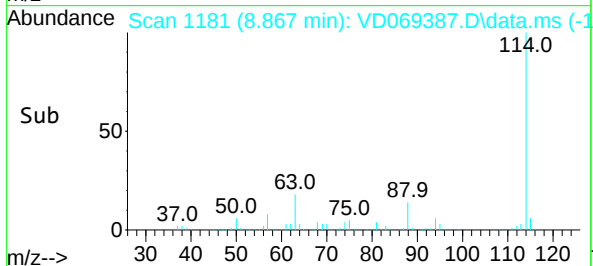
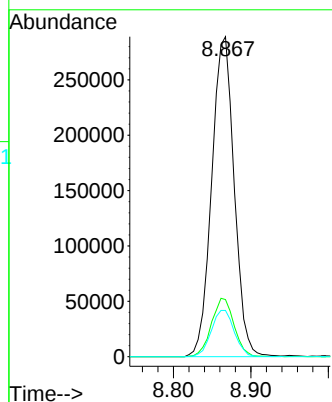
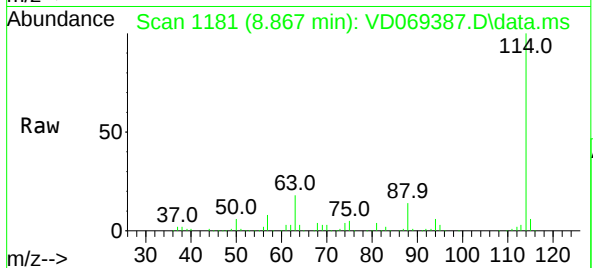
Tgt Ion:114 Resp: 582406

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 55.759 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069387.D

Acq: 08 Jun 2021 12:56

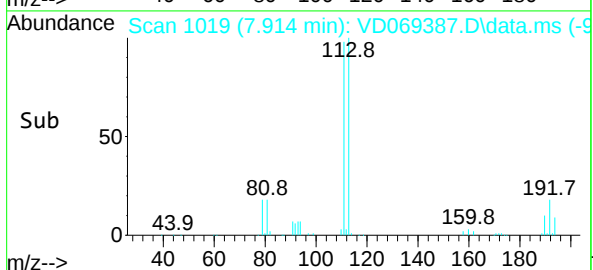
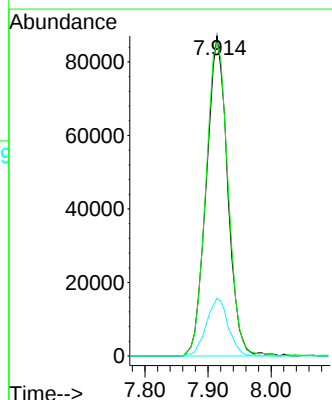
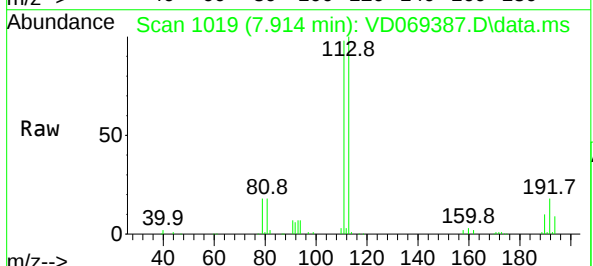
Tgt Ion:113 Resp: 203930

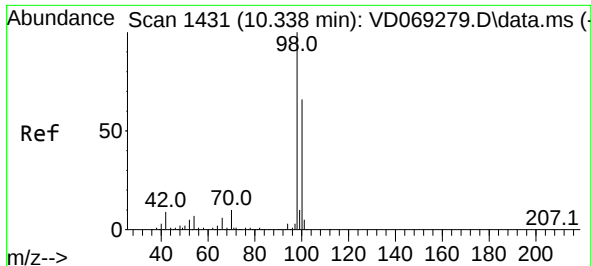
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 18.5 15.1 22.7

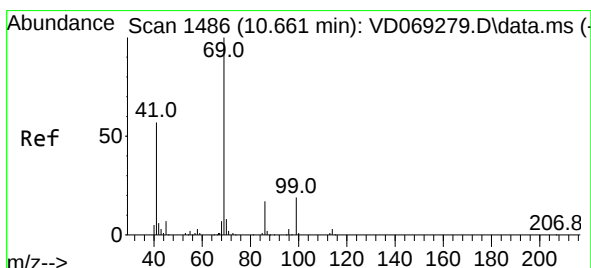
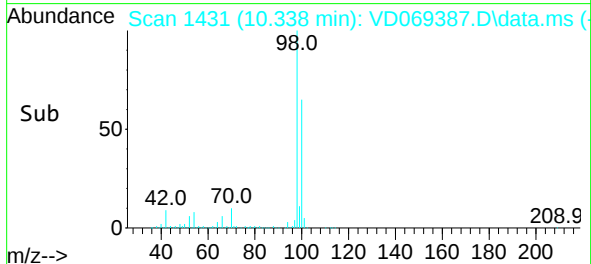
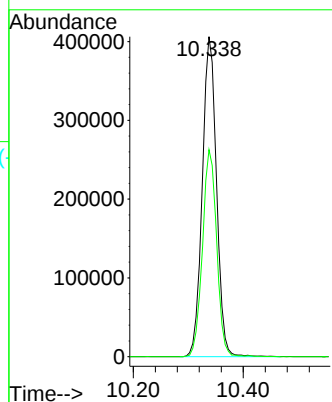
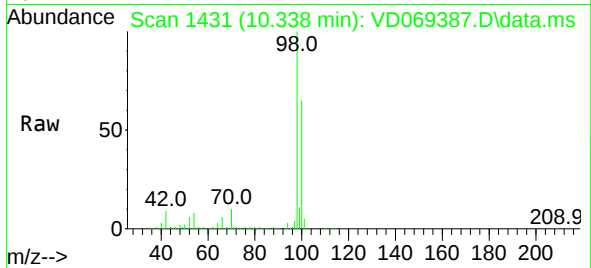




#50
Toluene-d8
Concen: 54.821 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

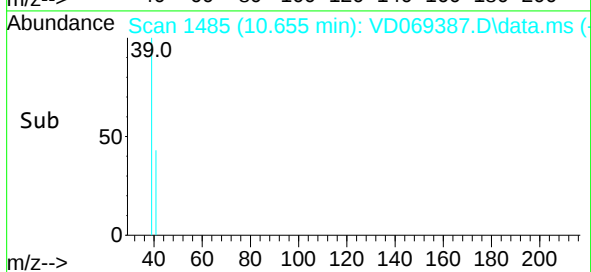
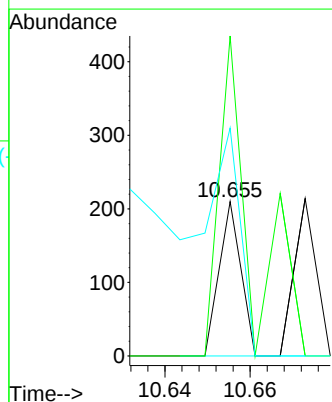
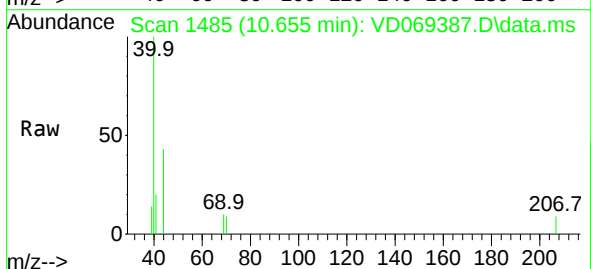
Instrument :
MSVOA_D
ClientSampled :

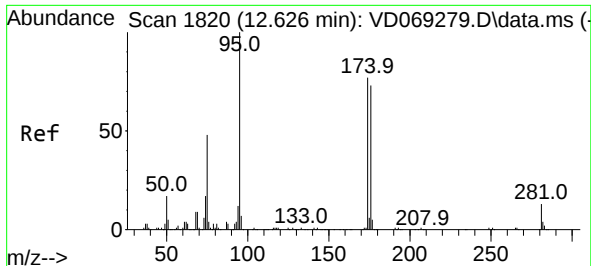
Tgt Ion: 98 Resp: 729089
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.658 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 313.5 45.4 68.2#
39 0.0 21.7 32.5#

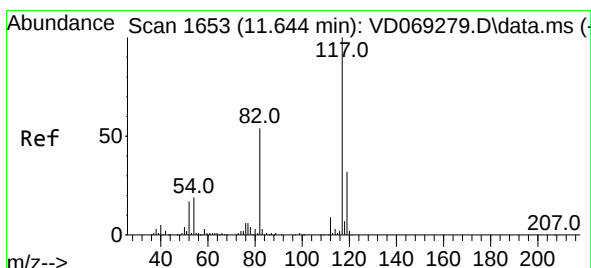
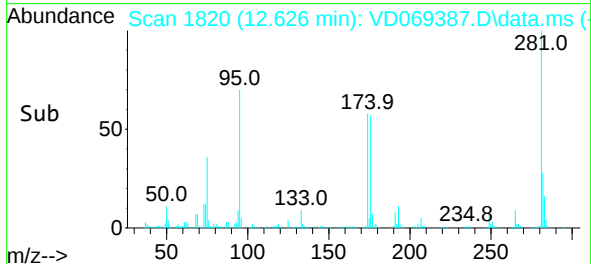
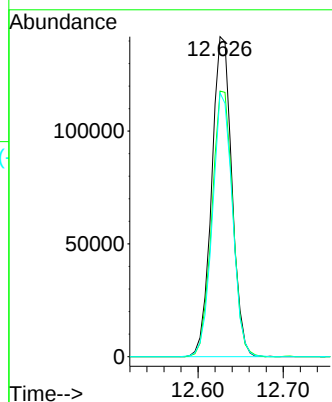
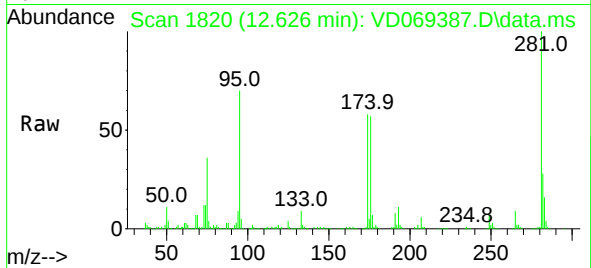




#62
4-Bromofluorobenzene
Concen: 53.606 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

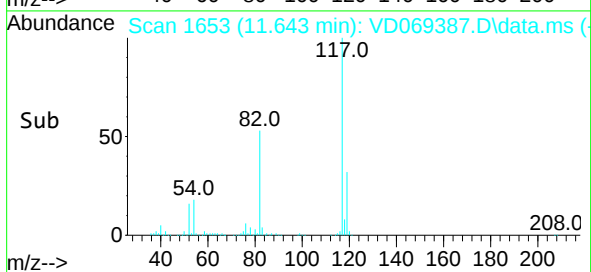
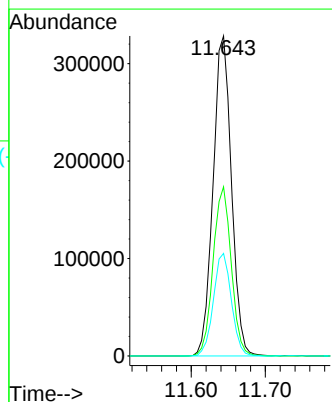
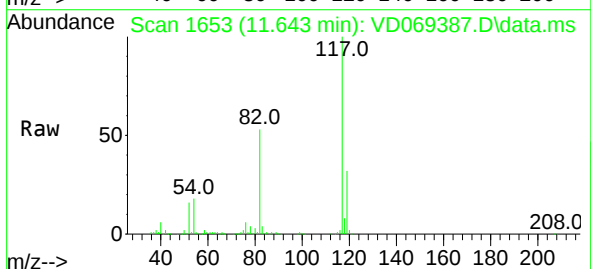
Instrument :
MSVOA_D
ClientSampleId :

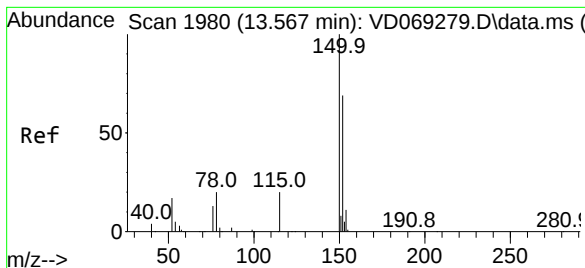
Tgt Ion: 95 Resp: 233609
Ion Ratio Lower Upper
95 100
174 85.2 0.0 162.8
176 81.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 117 Resp: 565302
Ion Ratio Lower Upper
117 100
82 52.9 43.3 64.9
119 32.1 25.3 37.9

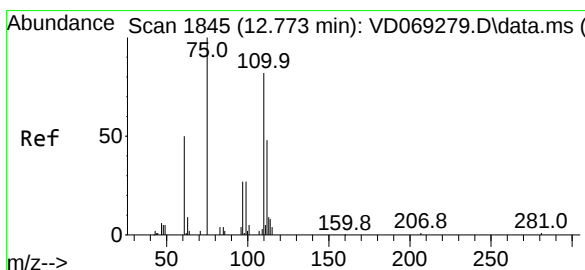
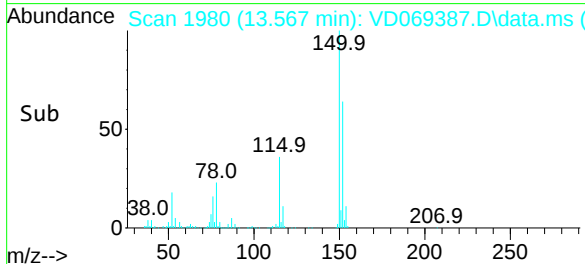
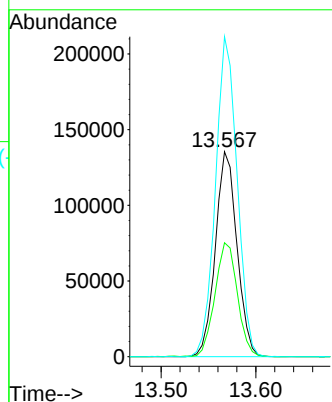
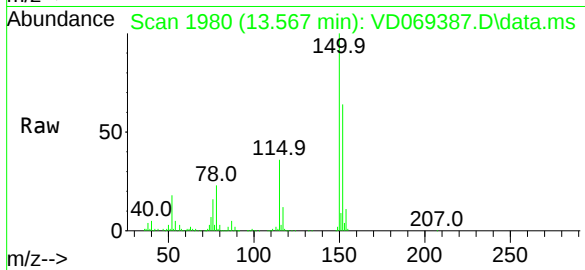




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

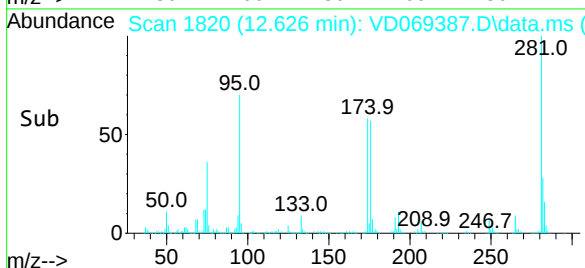
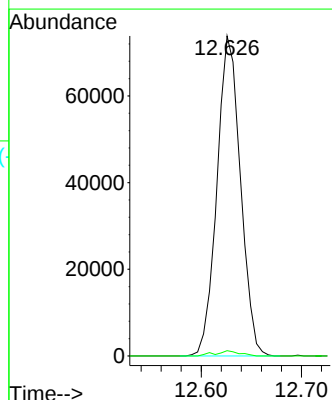
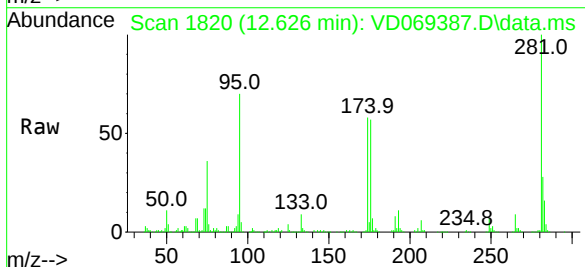
Instrument :
MSVOA_D
ClientSampleId :

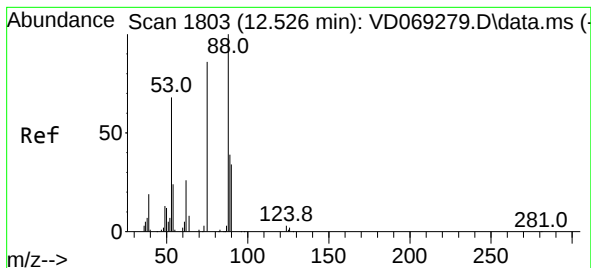
Tgt Ion:152 Resp: 214577
Ion Ratio Lower Upper
152 100
115 57.9 29.4 88.3
150 156.9 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 64.478 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069387.D
Acq: 08 Jun 2021 12:56

Tgt Ion: 75 Resp: 120208
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#

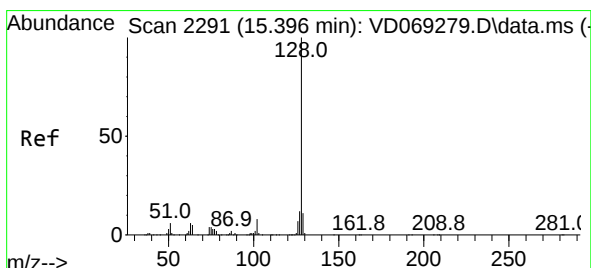
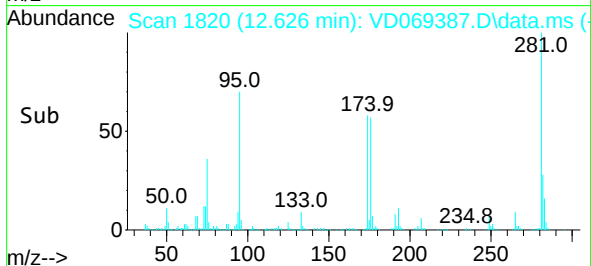
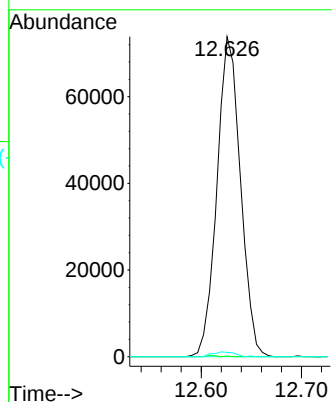
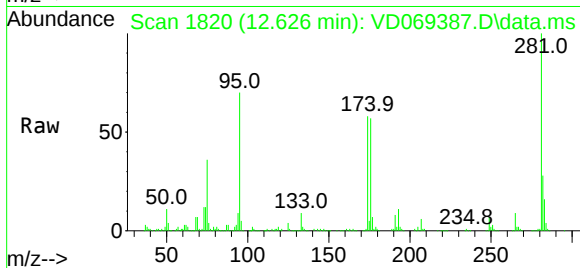




#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.884 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069387.D
 Acq: 08 Jun 2021 12:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 120208
 Ion Ratio Lower Upper
 75 100
 53 0.2 62.6 94.0#
 89 1.4 35.6 53.4#



#95
 Naphthalene
 Concen: 3.718 ug/l
 RT: 15.396 min Scan# 2291
 Delta R.T. 0.000 min
 Lab File: VD069387.D
 Acq: 08 Jun 2021 12:56

Tgt Ion: 128 Resp: 3261
 Ion Ratio Lower Upper
 128 100
 127 11.1 10.4 15.6
 129 4.4 8.8 13.2#

