

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069521.D
 Acq On : 22 Jun 2021 17:37
 Operator : VA/SY
 Sample : M2773-07
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 23 04:29:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

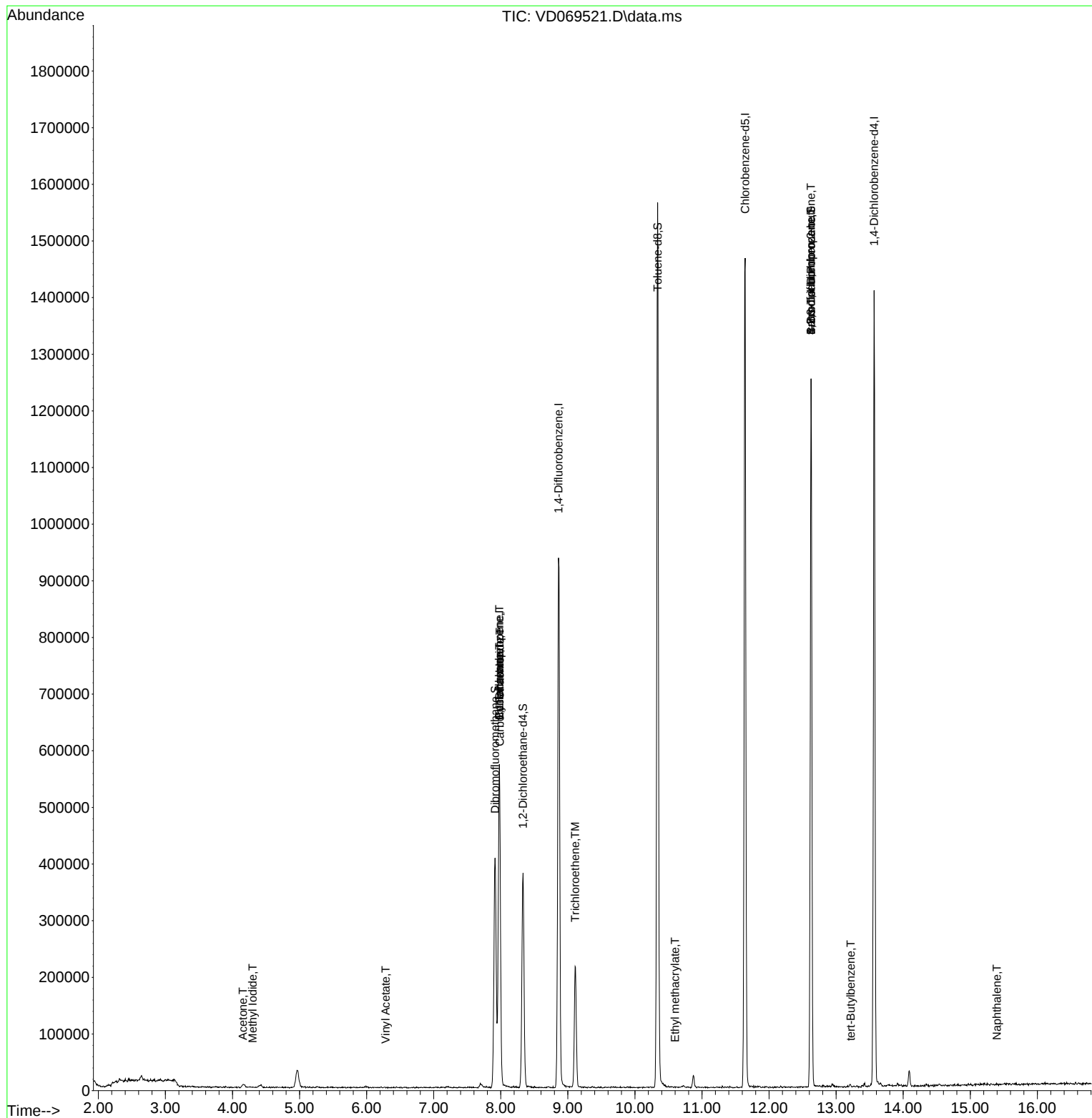
Internal Standards						
1) Pentafluorobenzene	7.979	168	391010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	805588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	836053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303060	62.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.360%			
35) Dibromofluoromethane	7.914	113	298294	54.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.560%			
50) Toluene-d8	10.338	98	1063592	52.070	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.626	95	361690	53.861	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.720%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1538	Below Cal	#	37
10) Methyl Iodide	4.303	142	171	3.979	ug/l #	39
11) Tert butyl alcohol	5.203	59	211	Below Cal	#	83
16) Acetone	4.156	43	9849	12.006	ug/l	96
18) Methyl Acetate	4.738	43	88	Below Cal	#	49
20) Methylene Chloride	4.967	84	25399	Below Cal		90
23) Vinyl Acetate	6.285	43	58	19.018	ug/l #	70
31) Cyclohexane	7.979	56	11252	1.715	ug/l #	15
36) 1,1-Dichloropropene	7.979	75	37444	4.736	ug/l #	49
38) Carbon Tetrachloride	7.985	117	42902	5.483	ug/l #	18
44) Trichloroethene	9.108	130	76816	13.356	ug/l	94
56) Ethyl methacrylate	10.596	69	124	2.604	ug/l #	65
71) Bromoform	12.626	173	3200	1.045	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	184799	53.054	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	184799	132.468	ug/l #	13
83) tert-Butylbenzene	13.220	119	192	2.002	ug/l #	1
95) Naphthalene	15.396	128	685	3.412	ug/l #	85

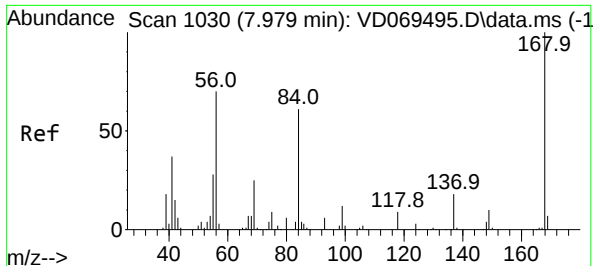
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
Data File : VD069521.D
Acq On : 22 Jun 2021 17:37
Operator : VA/SY
Sample : M2773-07
Misc : 5.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 23 04:29:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

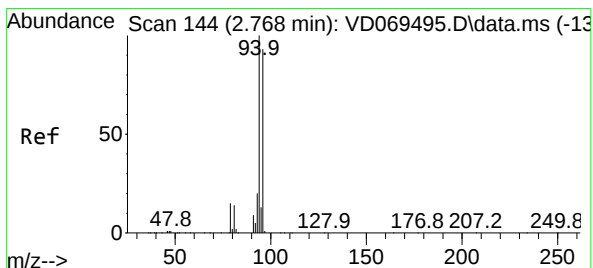
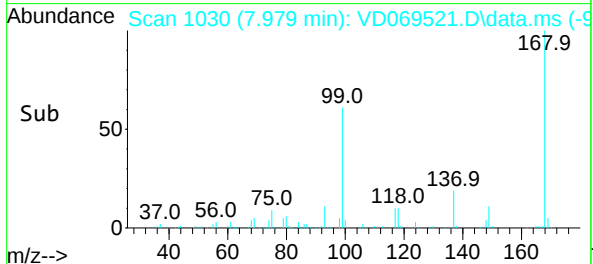
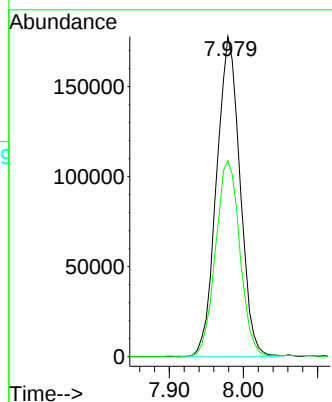
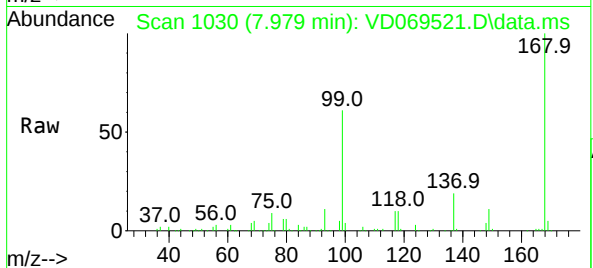




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

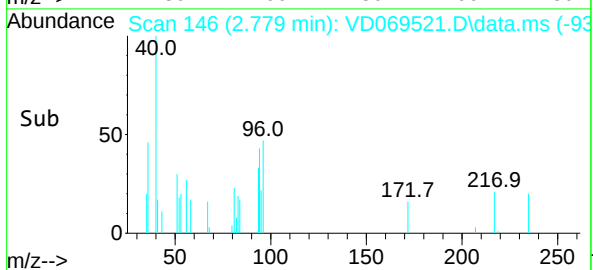
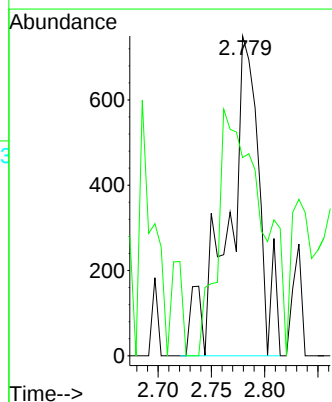
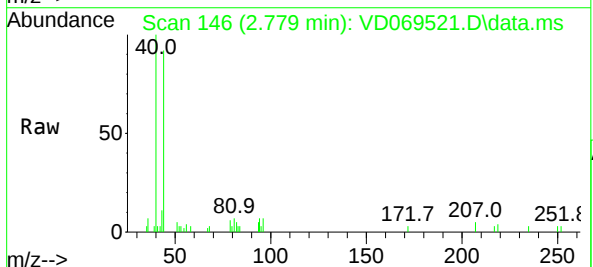
Instrument :
MSVOA_D
ClientSampled :

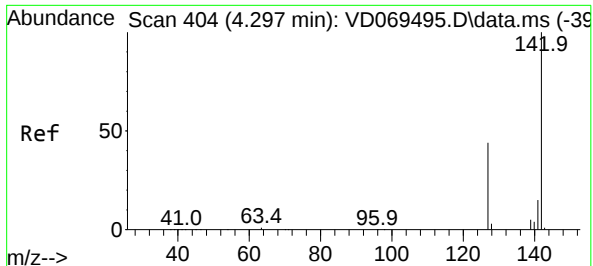
Tgt Ion:168 Resp: 391010
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 94 Resp: 1538
Ion Ratio Lower Upper
94 100
96 32.5 74.6 111.8#

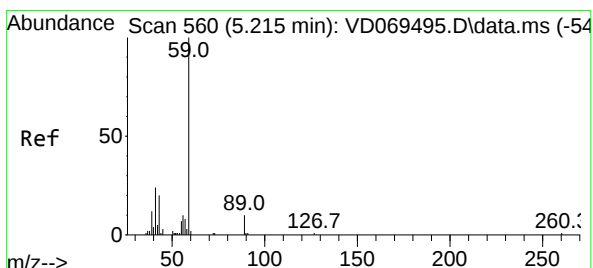
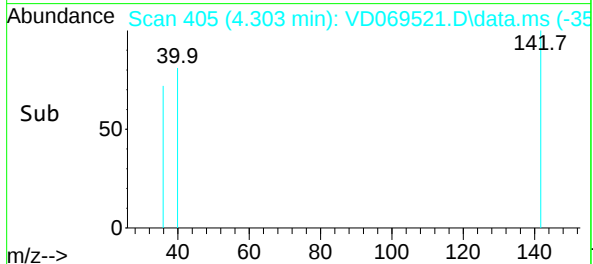
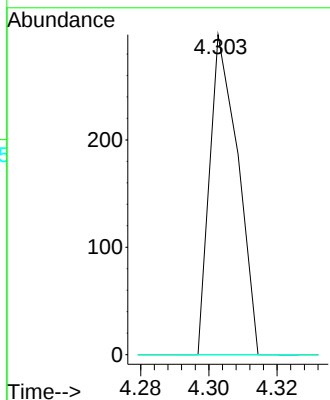
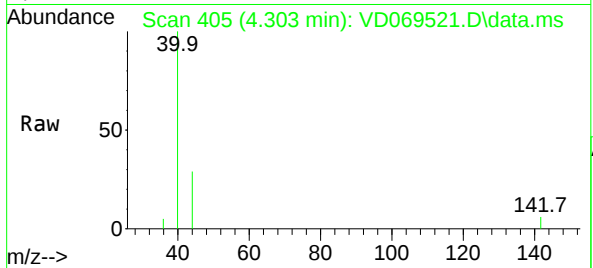




#10
Methyl Iodide
Concen: 3.979 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

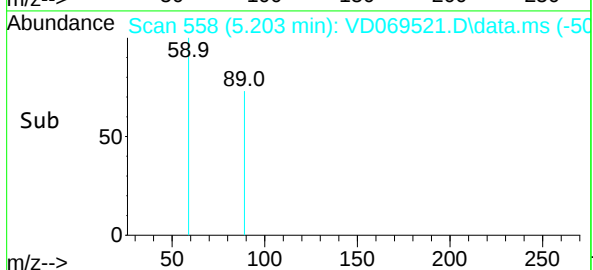
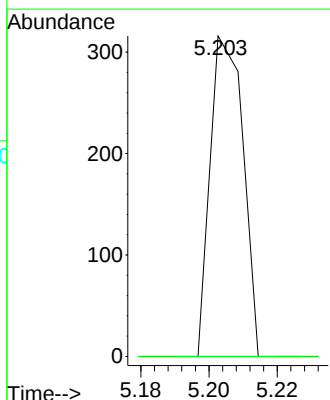
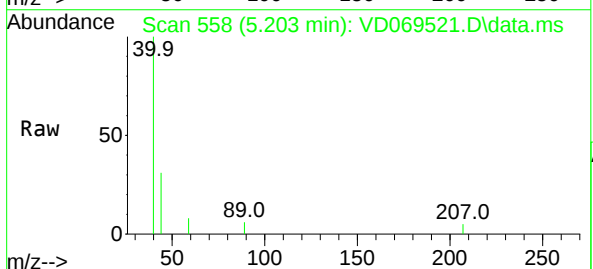
Instrument :
MSVOA_D
ClientSampleId :

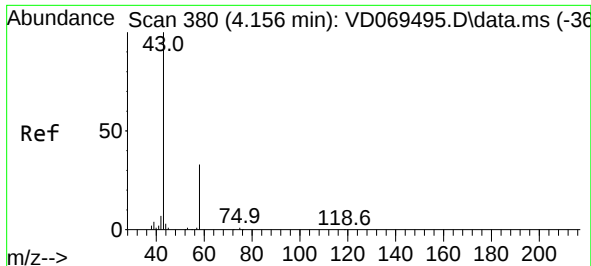
Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.012 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

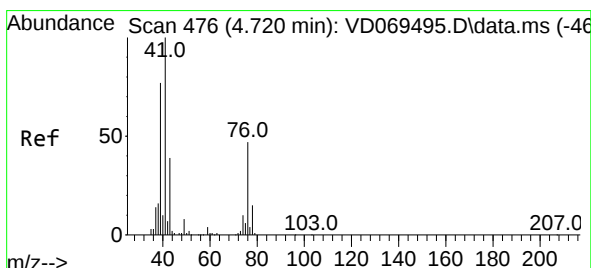
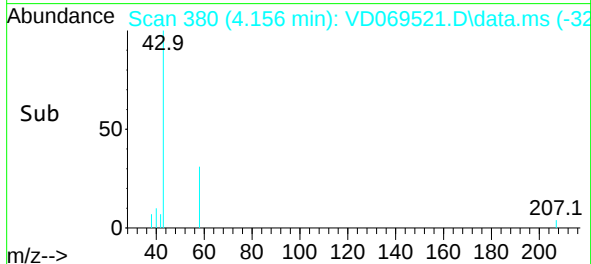
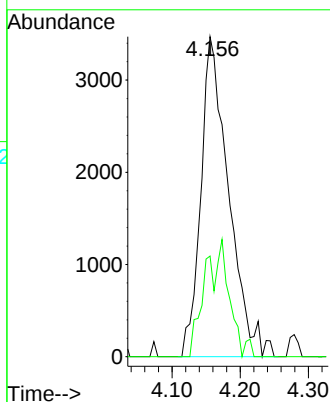
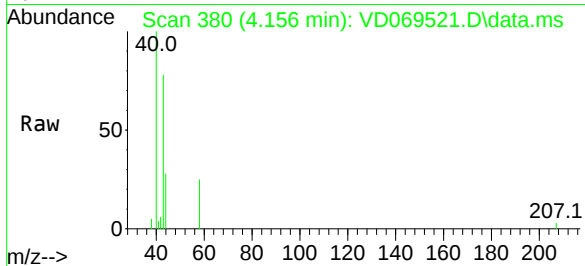




#16
Acetone
Concen: 12.006 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

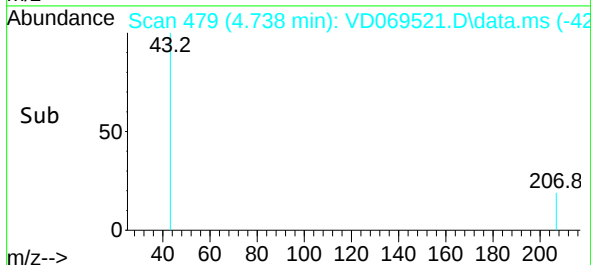
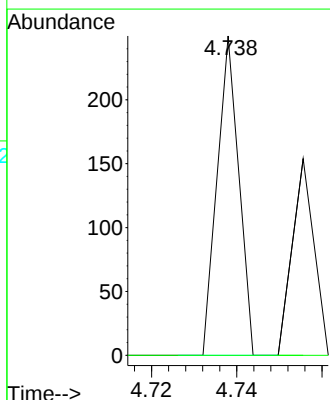
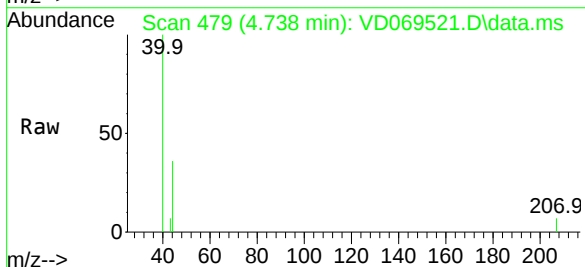
Instrument :
MSVOA_D
ClientSampleId :

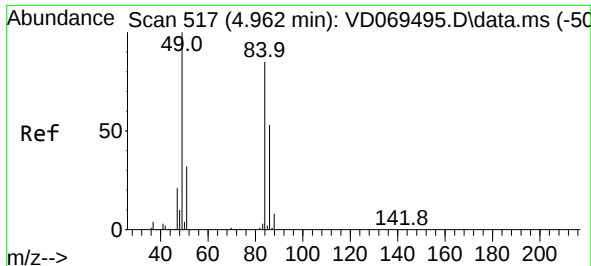
Tgt Ion: 43 Resp: 9849
Ion Ratio Lower Upper
43 100
58 31.5 26.8 40.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.018 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#

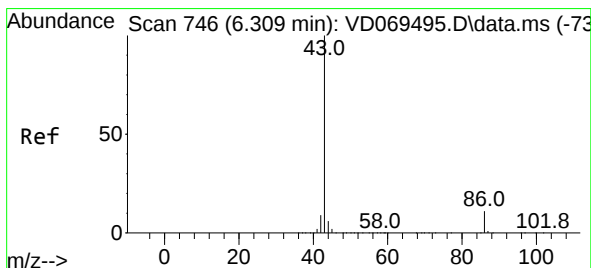
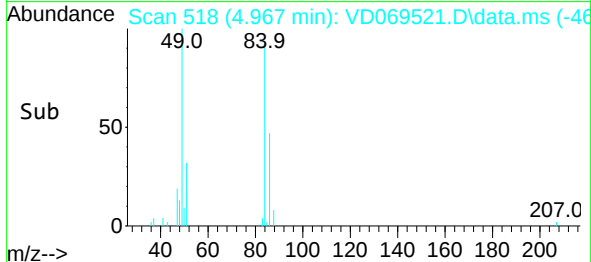
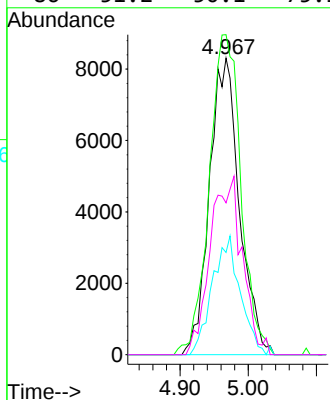
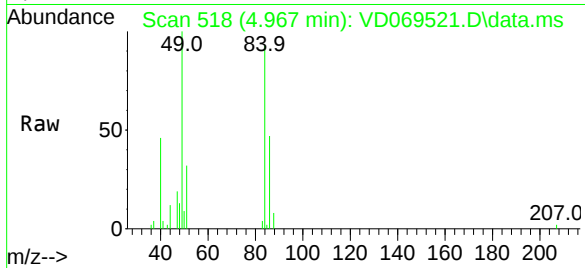




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

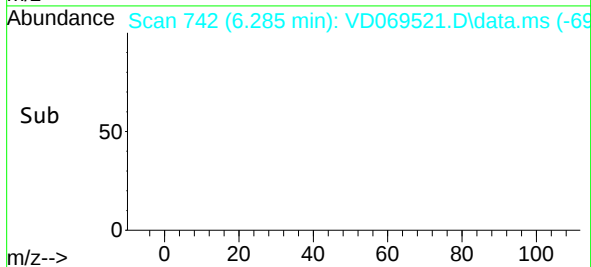
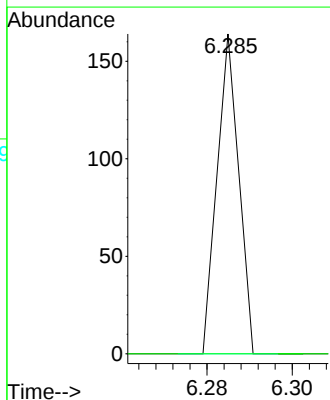
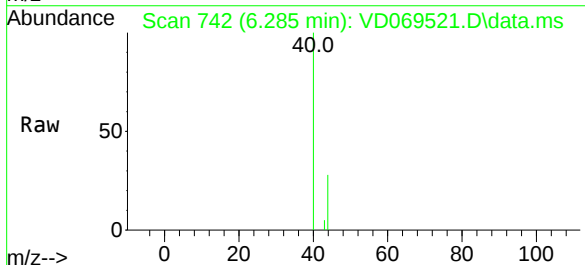
Instrument :
MSVOA_D
ClientSampleId :

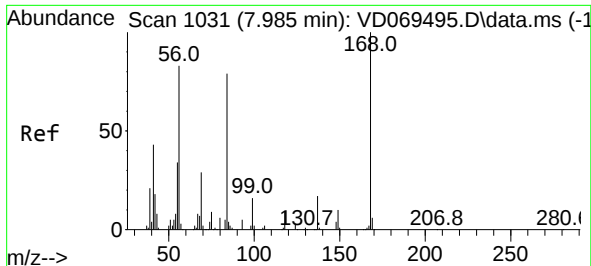
Tgt Ion:	84	Resp:	25399
Ion	Ratio	Lower	Upper
84	100		
49	107.9	94.0	141.0
51	34.5	29.7	44.5
86	51.2	50.1	75.1



#23
Vinyl Acetate
Concen: 19.018 ug/l
RT: 6.285 min Scan# 742
Delta R.T. -0.024 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion:	43	Resp:	58
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.1	13.7#

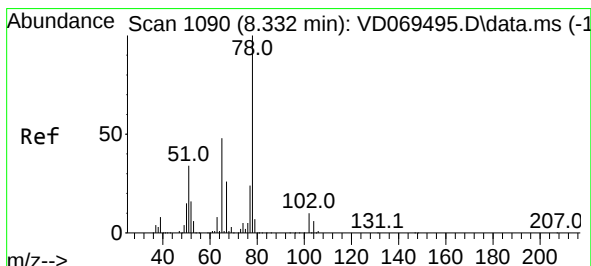
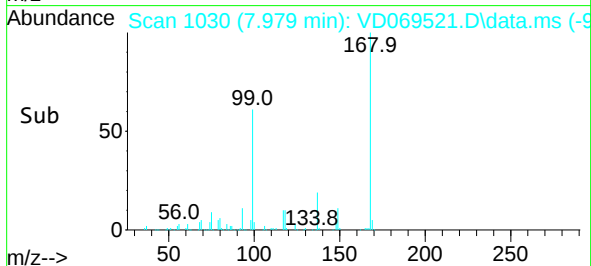
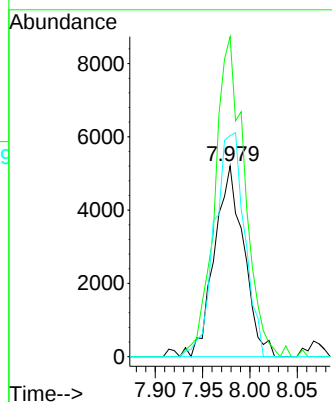
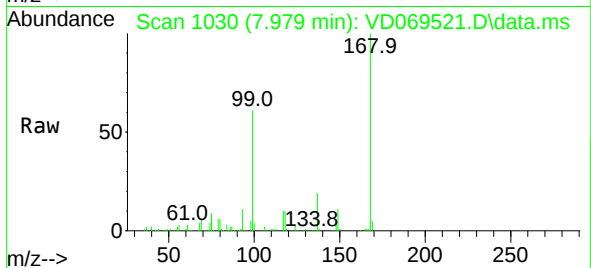




#31
Cyclohexane
Concen: 1.715 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

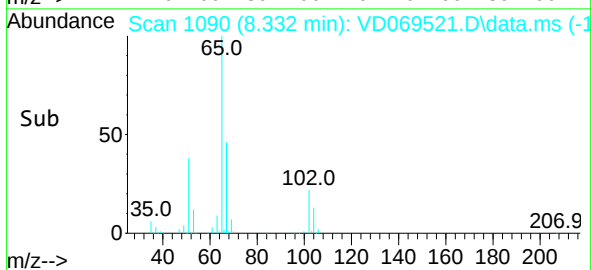
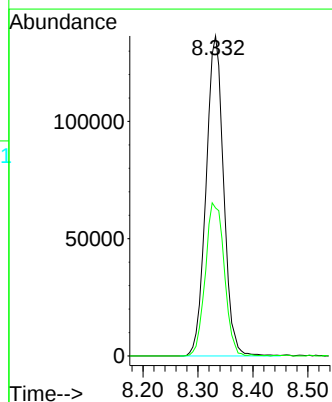
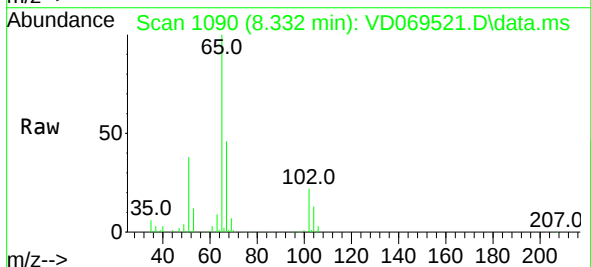
Instrument :
MSVOA_D
ClientSampleId :

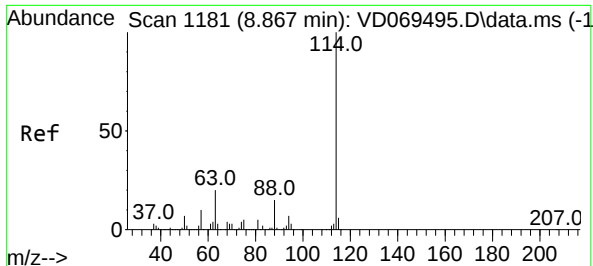
Tgt Ion: 56 Resp: 11252
Ion Ratio Lower Upper
56 100
69 167.7 28.0 42.0#
84 125.3 75.7 113.5#



#33
1,2-Dichloroethane-d4
Concen: 62.181 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 65 Resp: 303060
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6

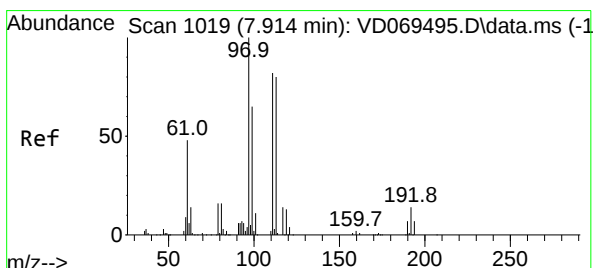
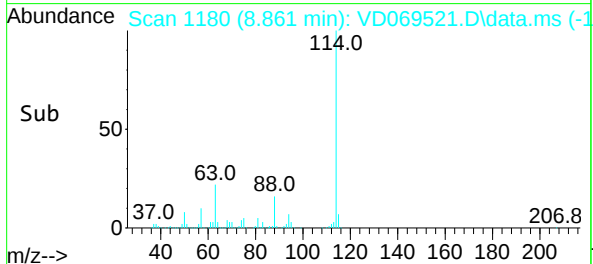
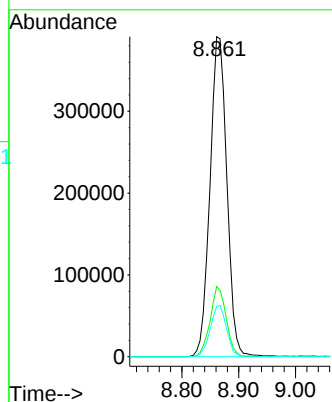
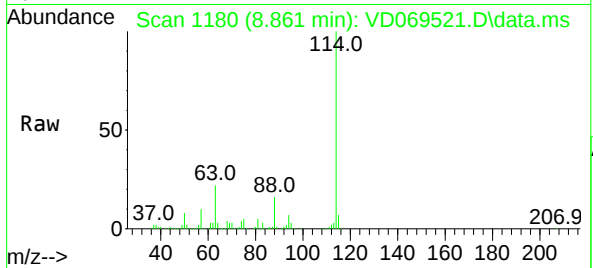




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

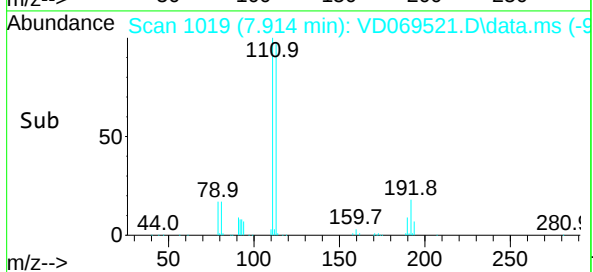
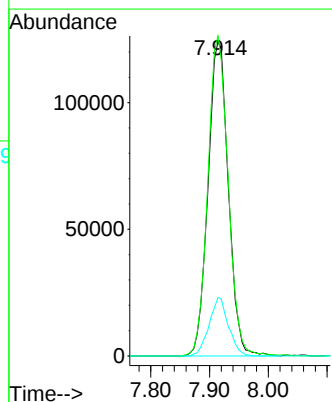
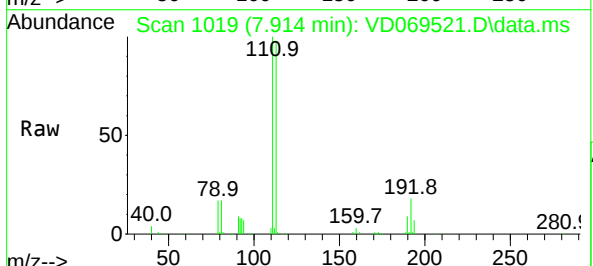
Instrument :
MSVOA_D
ClientSampleId :

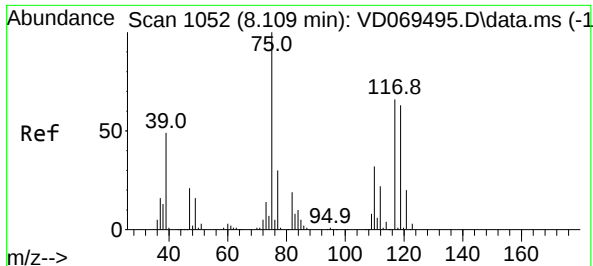
Tgt Ion:114 Resp: 805588
Ion Ratio Lower Upper
114 100
63 21.9 0.0 39.6
88 15.7 0.0 29.8



#35
Dibromofluoromethane
Concen: 54.777 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion:113 Resp: 298294
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 17.6 13.8 20.6

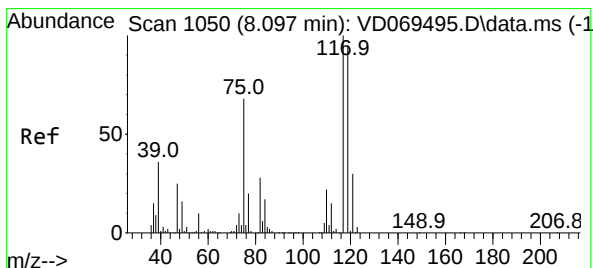
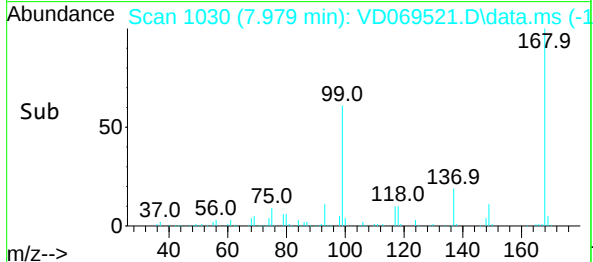
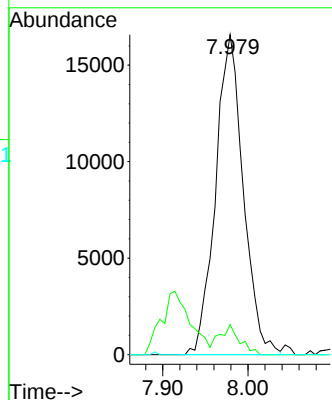
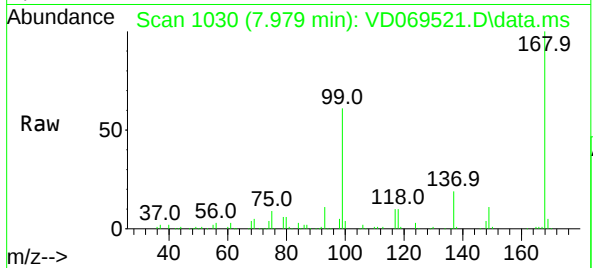




#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

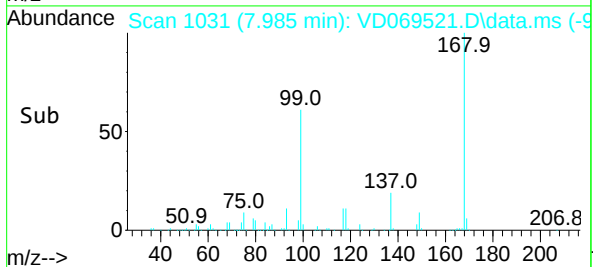
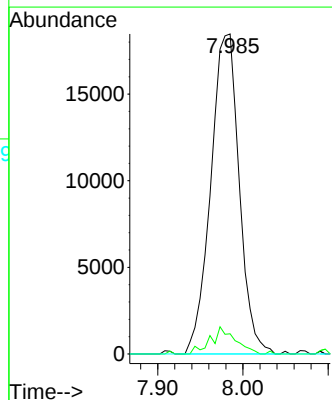
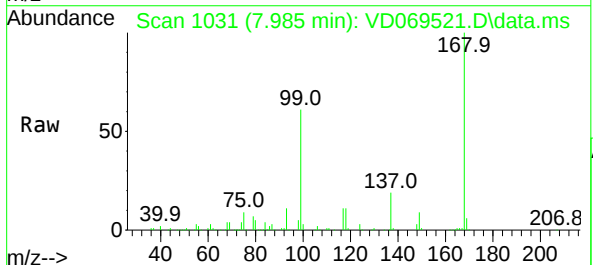
Instrument :
MSVOA_D
ClientSampleId :

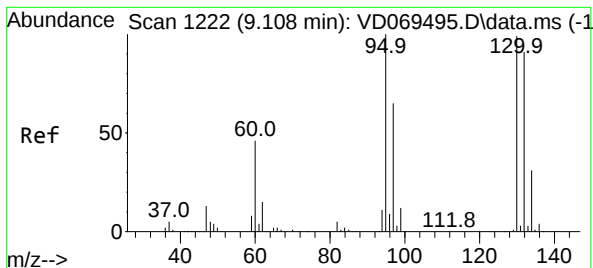
Tgt Ion: 75 Resp: 37444
Ion Ratio Lower Upper
75 100
110 6.9 16.8 50.4#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 117 Resp: 42902
Ion Ratio Lower Upper
117 100
119 6.3 75.6 113.4#
121 0.0 23.8 35.8#





#44

Trichloroethene

Concen: 13.356 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD069521.D

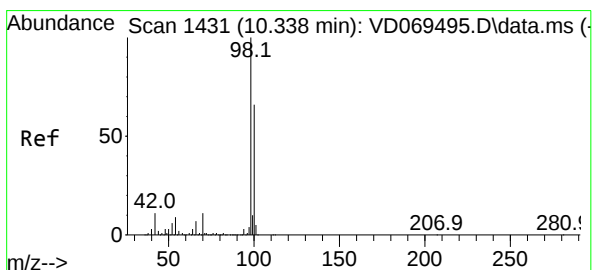
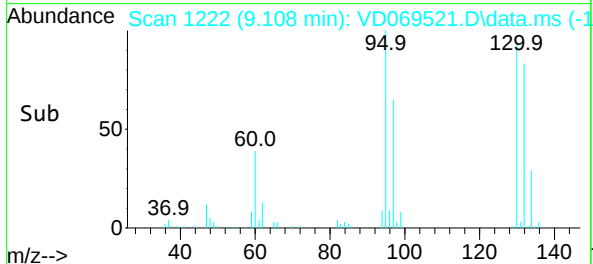
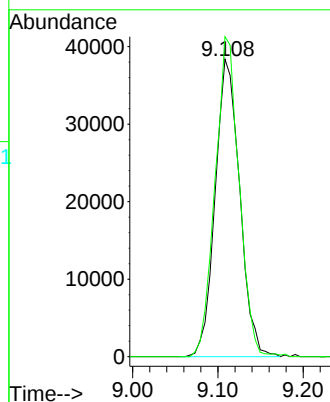
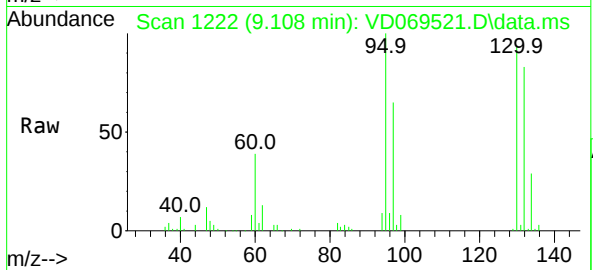
Acq: 22 Jun 2021 17:37

Tgt Ion:130 Resp: 76816

Ion Ratio Lower Upper

130 100

95 107.6 0.0 202.2



#50

Toluene-d8

Concen: 52.070 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069521.D

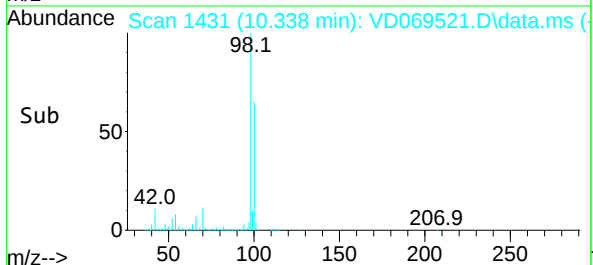
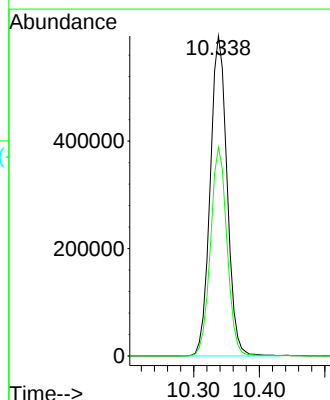
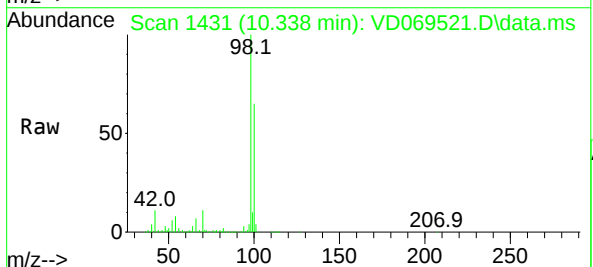
Acq: 22 Jun 2021 17:37

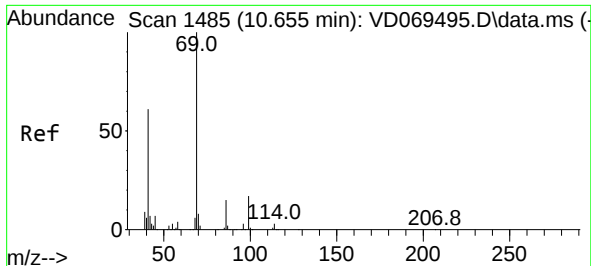
Tgt Ion: 98 Resp: 1063592

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

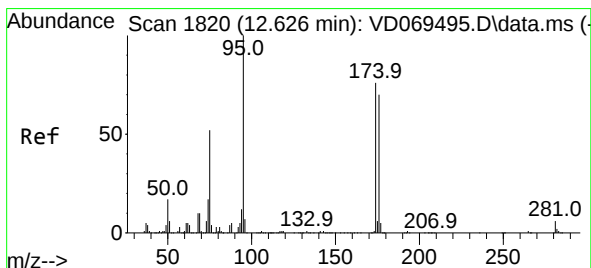
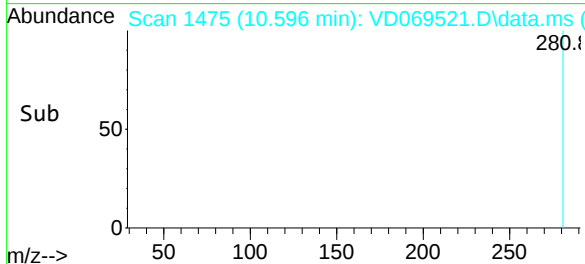
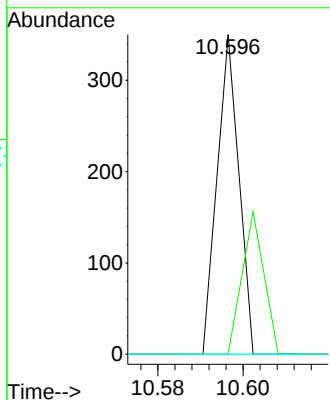
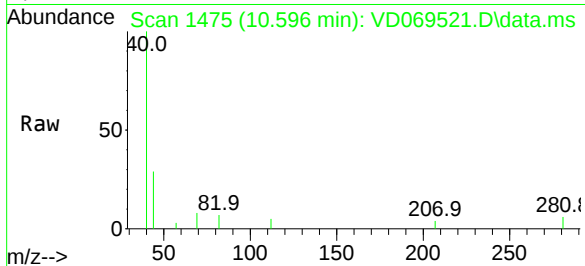




#56
Ethyl methacrylate
Concen: 2.604 ug/l
RT: 10.596 min Scan# 1475
Delta R.T. -0.059 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

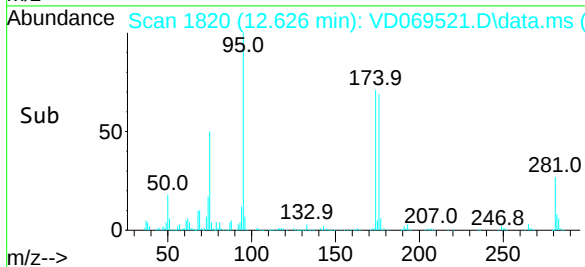
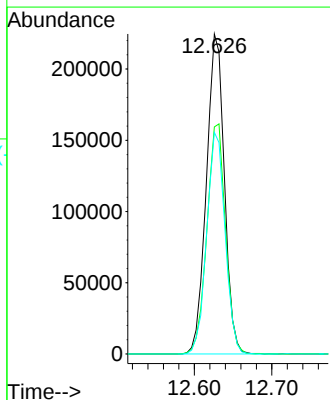
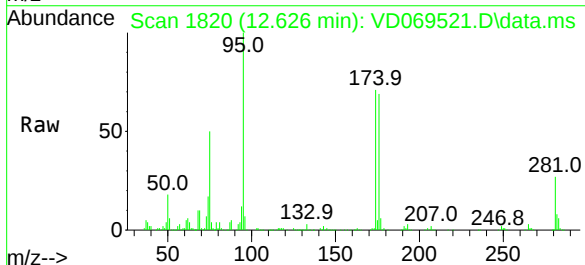
Instrument :
MSVOA_D
ClientSampled :

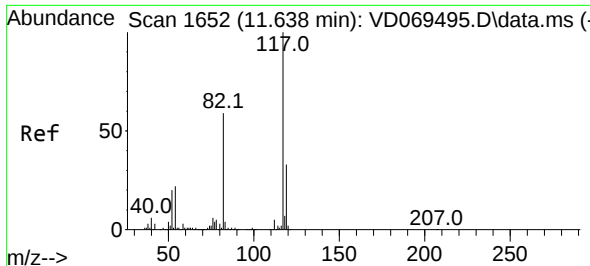
Tgt Ion: 69 Resp: 124
Ion Ratio Lower Upper
69 100
41 44.4 49.4 74.0#
39 0.0 26.9 40.3#



#62
4-Bromofluorobenzene
Concen: 53.861 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 95 Resp: 361690
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 70.6 0.0 139.8

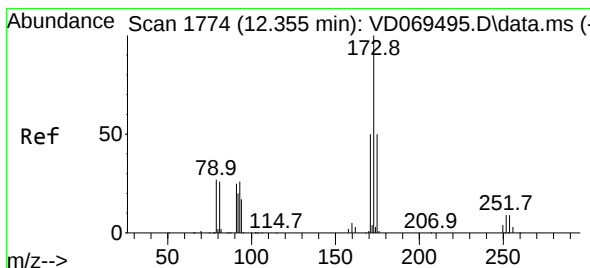
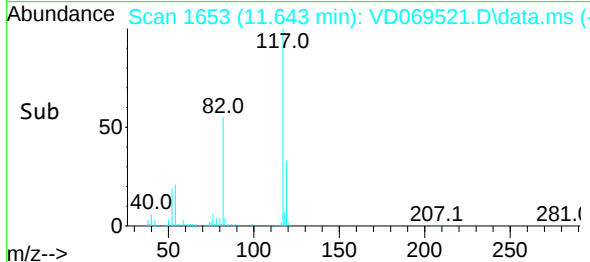
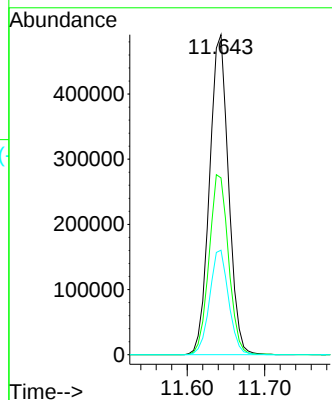
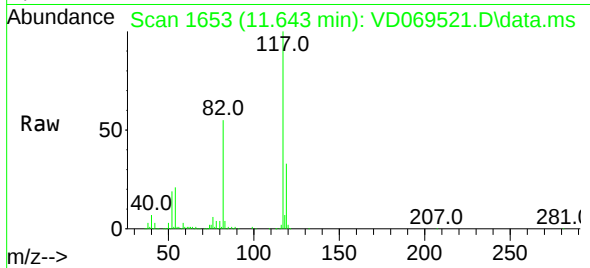




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

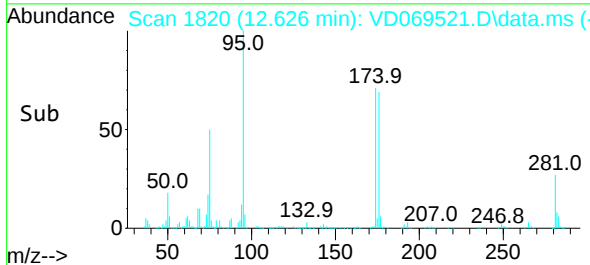
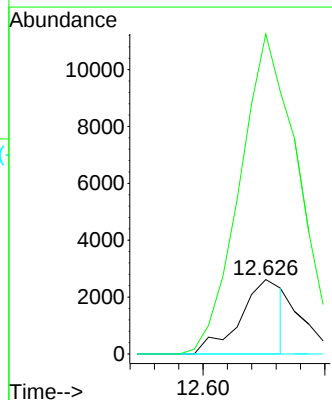
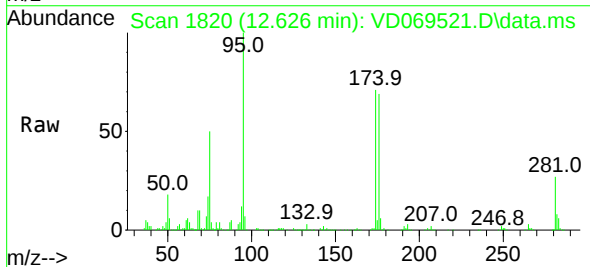
Instrument :
MSVOA_D
ClientSampleId :

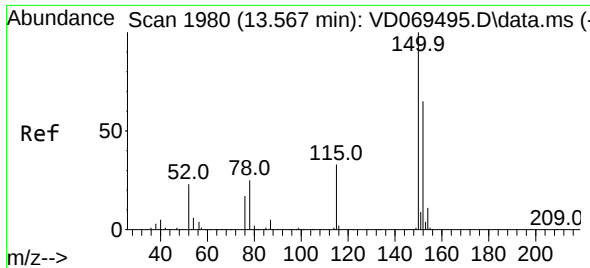
Tgt Ion:117 Resp: 836053
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 32.7 26.2 39.2



#71
Bromoform
Concen: 1.045 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion:173 Resp: 3200
Ion Ratio Lower Upper
173 100
175 425.8 24.6 73.8#
254 0.0 0.1 0.1#

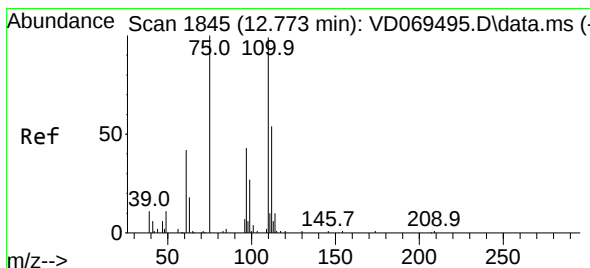
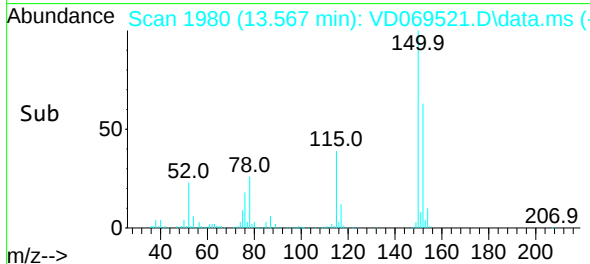
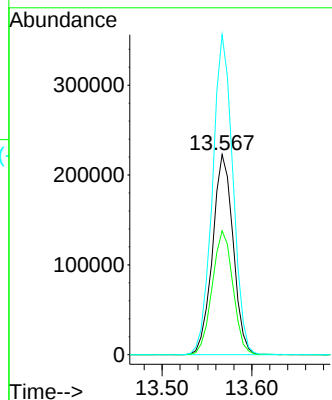
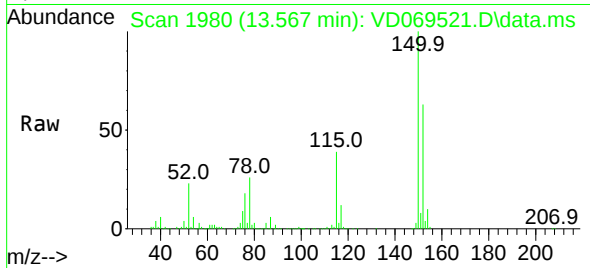




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

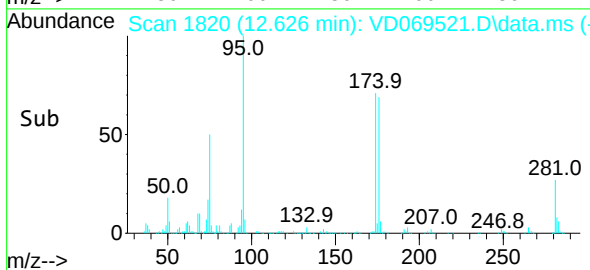
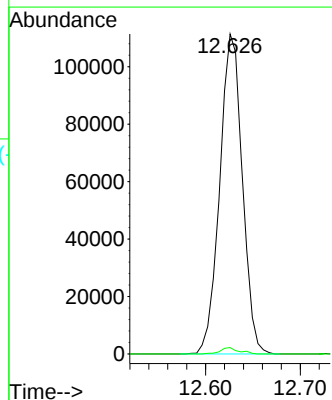
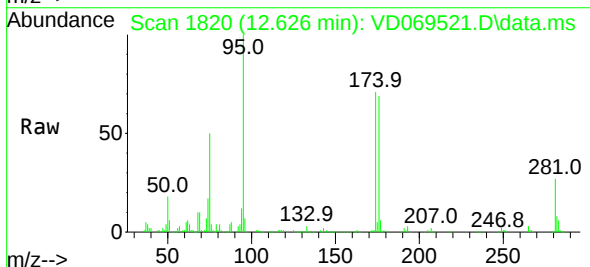
Instrument :
MSVOA_D
ClientSampleId :

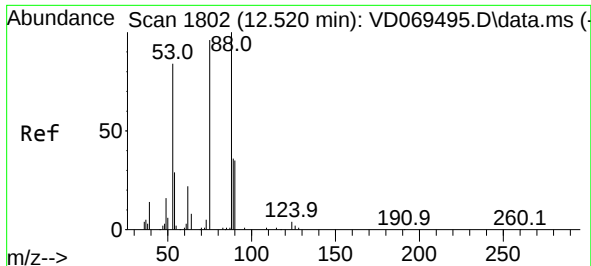
Tgt Ion:152 Resp: 354842
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 158.5 0.0 350.8



#76
1,2,3-Trichloropropane
Concen: 53.054 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Tgt Ion: 75 Resp: 184799
Ion Ratio Lower Upper
75 100
77 1.6 162.6 487.8#

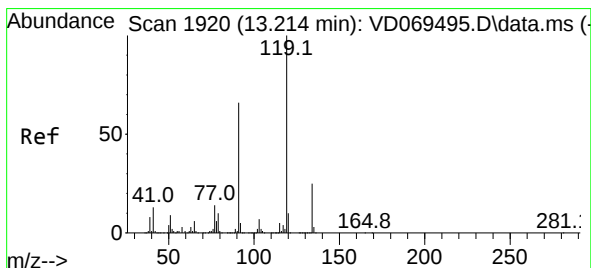
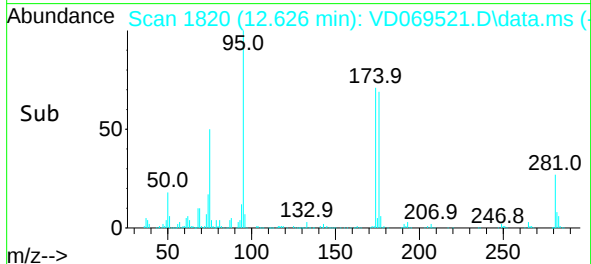
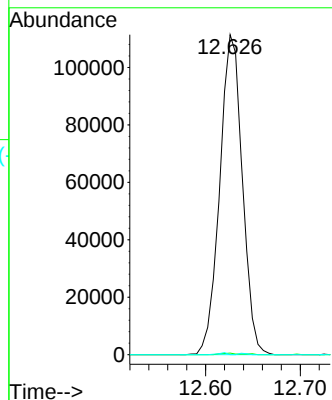
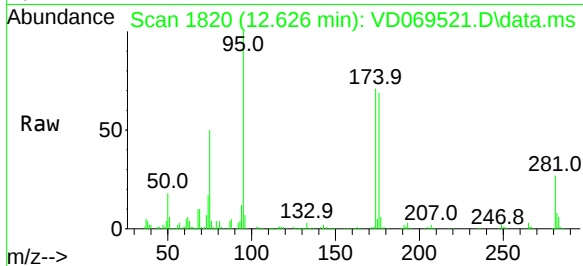




#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.468 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD069521.D
 Acq: 22 Jun 2021 17:37

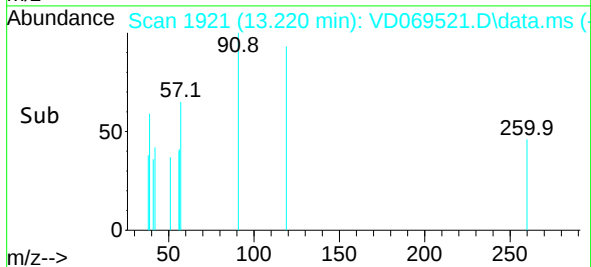
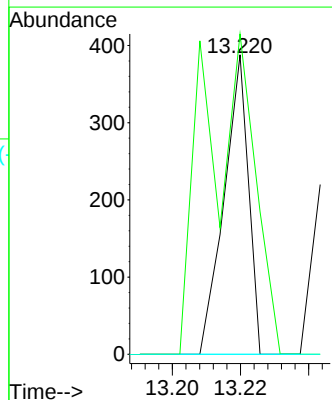
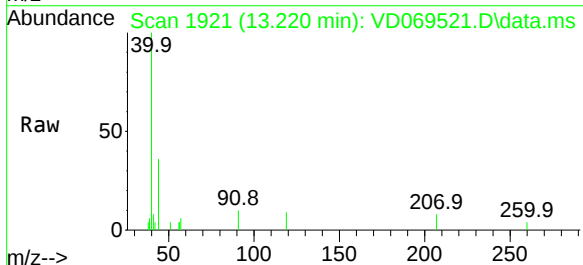
Instrument :
 MSVOA_D
 ClientSampleId :

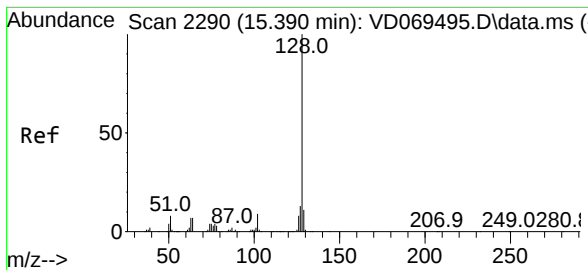
Tgt Ion: 75 Resp: 184799
 Ion Ratio Lower Upper
 75 100
 53 0.4 74.6 112.0#
 89 0.2 35.3 52.9#



#83
 tert-Butylbenzene
 Concen: 2.002 ug/l
 RT: 13.220 min Scan# 1921
 Delta R.T. 0.006 min
 Lab File: VD069521.D
 Acq: 22 Jun 2021 17:37

Tgt Ion: 119 Resp: 192
 Ion Ratio Lower Upper
 119 100
 91 215.1 32.5 97.4#
 134 0.0 12.9 38.7#





#95
Naphthalene
Concen: 3.412 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069521.D
Acq: 22 Jun 2021 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 685
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 0.0 8.7 13.1#

