

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069862.D
 Acq On : 27 Jul 2021 13:06
 Operator : VA/SY
 Sample : VD0727SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 28 03:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	918205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1819848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1632551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	683059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	588786	55.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.520%	
35) Dibromofluoromethane	7.914	113	577334	50.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.338	98	2320900	52.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.626	95	724241	48.988	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.980%	

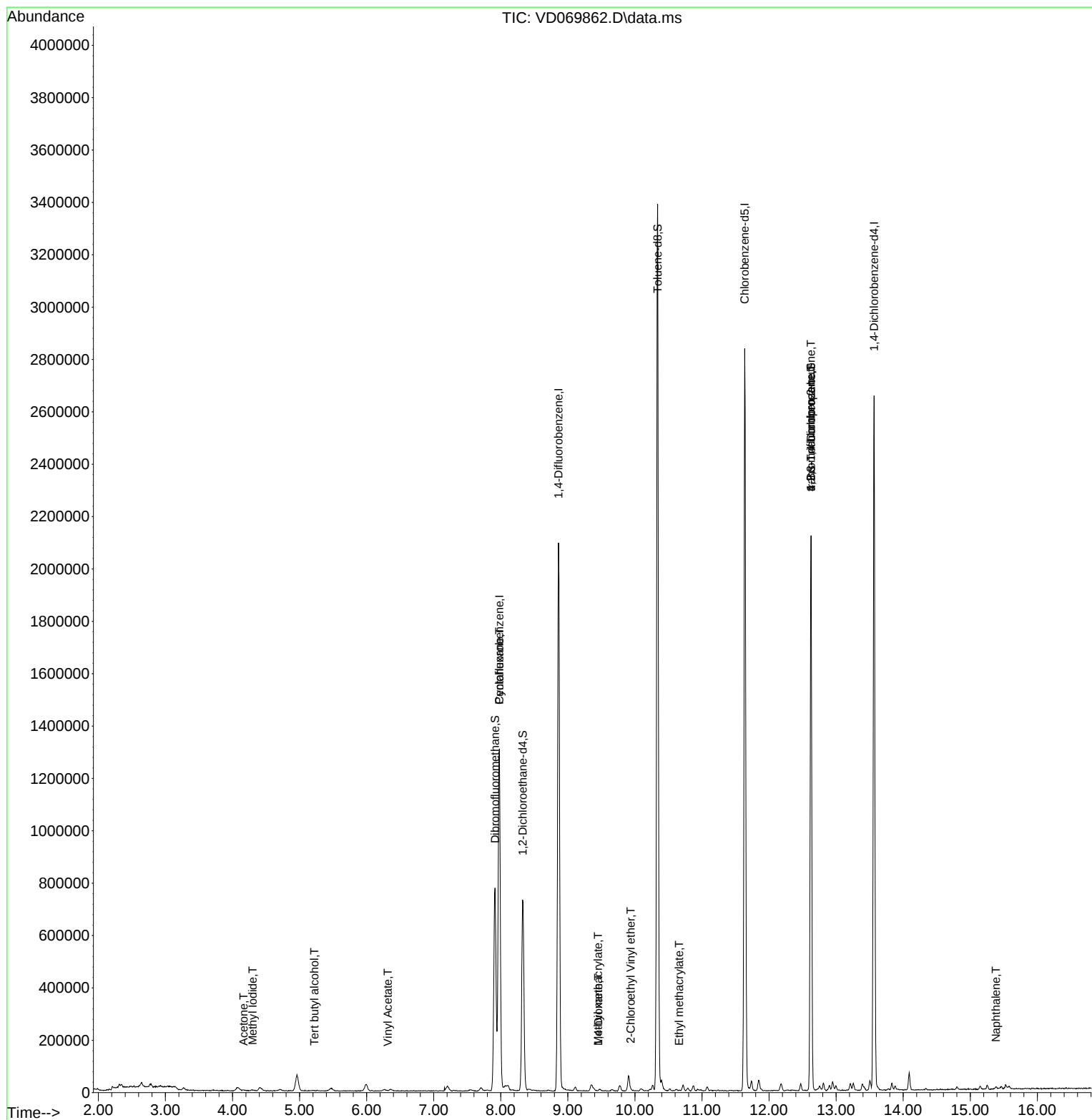
Target Compounds					Qvalue	
5) Bromomethane	2.785	94	8225	Below Cal	84	
10) Methyl Iodide	4.303	142	5641	3.922 ug/l	92	
11) Tert butyl alcohol	5.220	59	733	1.341 ug/l #	73	
16) Acetone	4.167	43	5860	3.072 ug/l	93	
20) Methylene Chloride	4.962	84	46163	Below Cal	94	
23) Vinyl Acetate	6.314	43	2800	20.489 ug/l #	71	
31) Cyclohexane	7.979	56	29237	1.417 ug/l #	1	
48) Methyl methacrylate	9.450	41	452	2.809 ug/l #	11	
49) 1,4-Dioxane	9.455	88	216	2.783 ug/l #	37	
56) Ethyl methacrylate	10.661	69	1745	4.021 ug/l #	82	
58) 2-Chloroethyl Vinyl ether	9.938	63	2206	21.228 ug/l #	71	
76) 1,2,3-Trichloropropane	12.626	75	352822	48.595 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.626	75	352822	147.425 ug/l #	16	
95) Naphthalene	15.384	128	7827	5.314 ug/l	99	

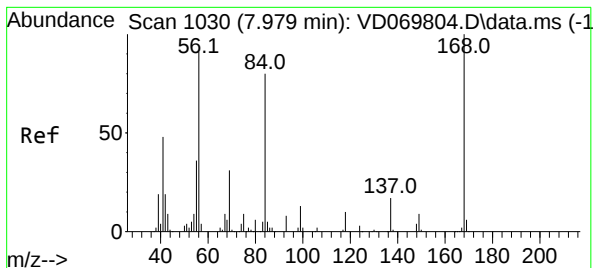
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
Data File : VD069862.D
Acq On : 27 Jul 2021 13:06
Operator : VA/SY
Sample : VD0727SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 28 03:57:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 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: VD069862.D

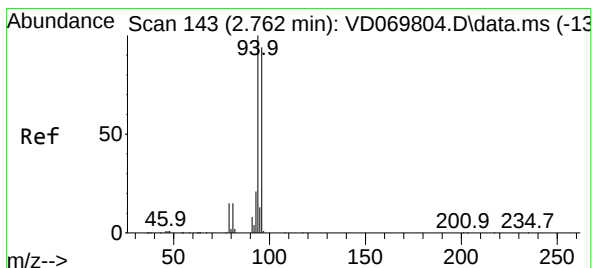
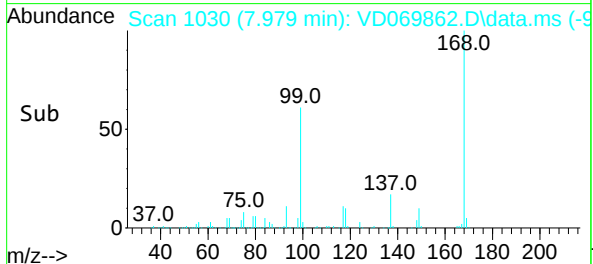
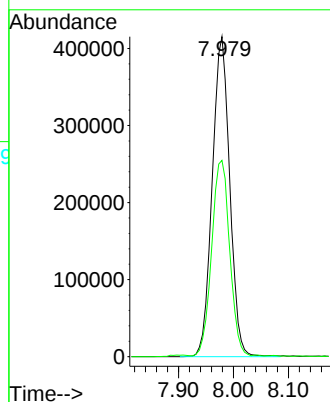
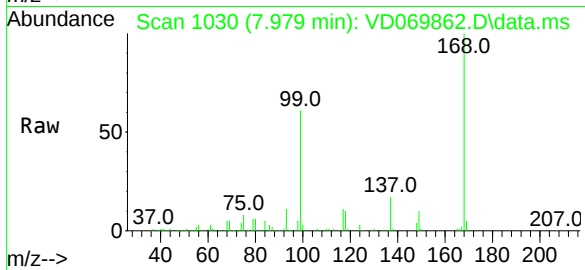
Acq: 27 Jul 2021 13:06

Tgt Ion:168 Resp: 918205

Ion Ratio Lower Upper

168 100

99 61.2 51.1 76.7



#5

Bromomethane

Concen: Below Cal

RT: 2.785 min Scan# 147

Delta R.T. 0.023 min

Lab File: VD069862.D

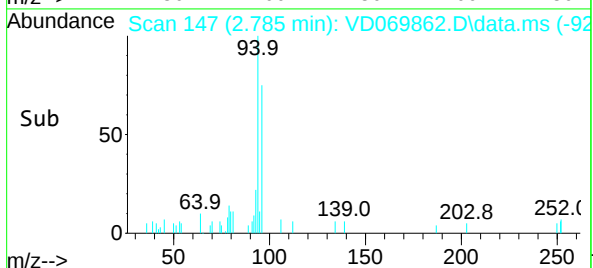
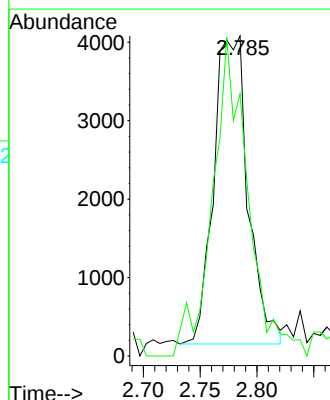
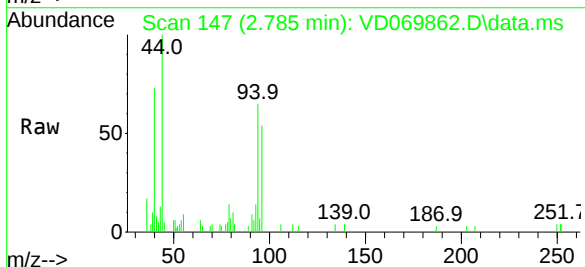
Acq: 27 Jul 2021 13:06

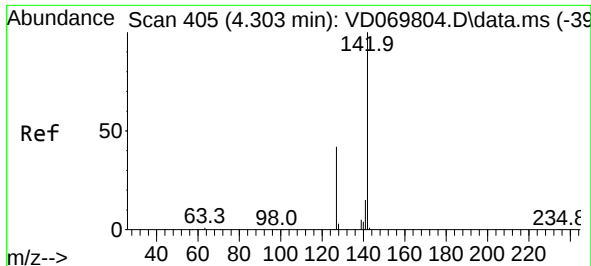
Tgt Ion: 94 Resp: 8225

Ion Ratio Lower Upper

94 100

96 78.0 74.8 112.2

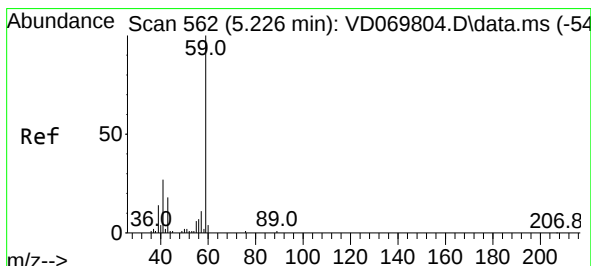
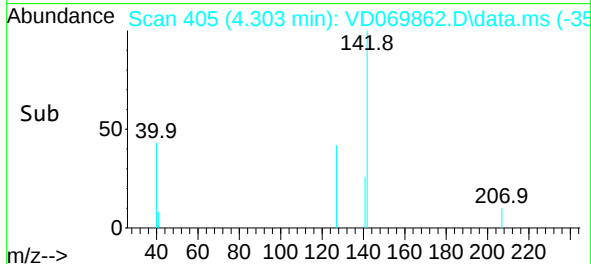
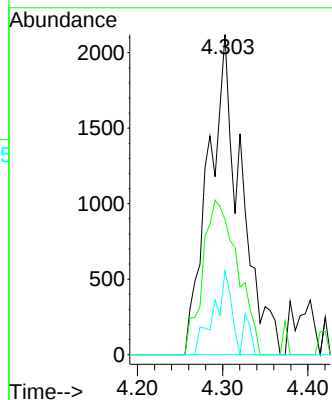
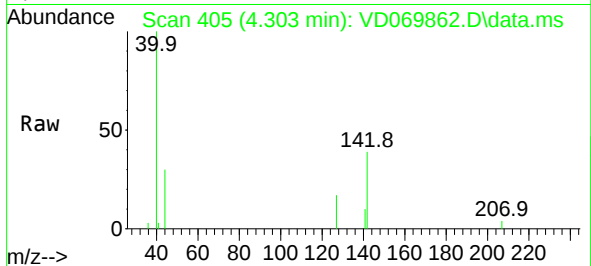




#10
Methyl Iodide
Concen: 3.922 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

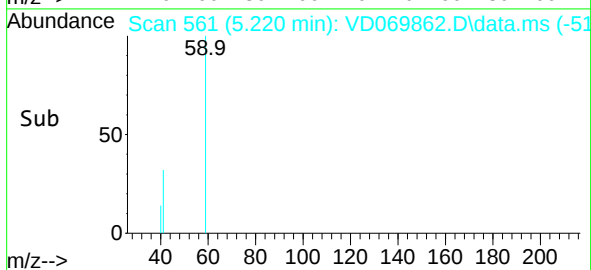
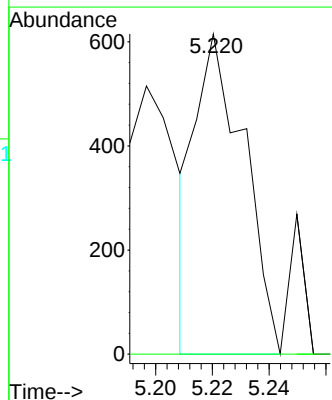
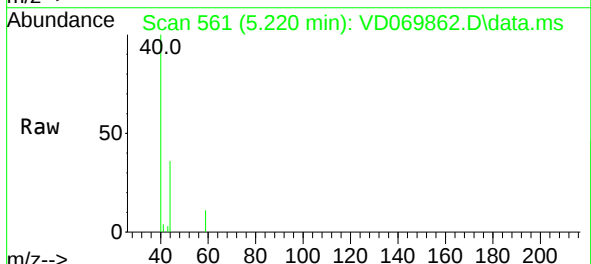
Instrument :
MSVOA_D
ClientSampleId :

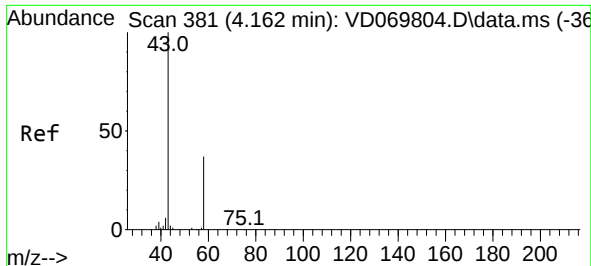
Tgt Ion:142 Resp: 5641
Ion Ratio Lower Upper
142 100
127 51.5 35.7 53.5
141 14.1 12.0 18.0



#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

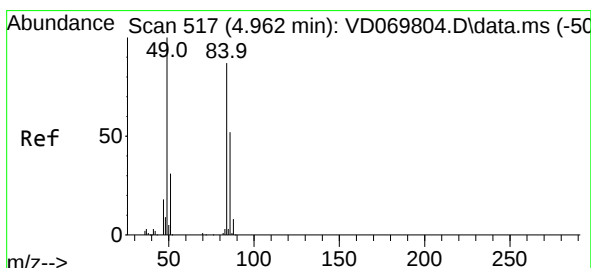
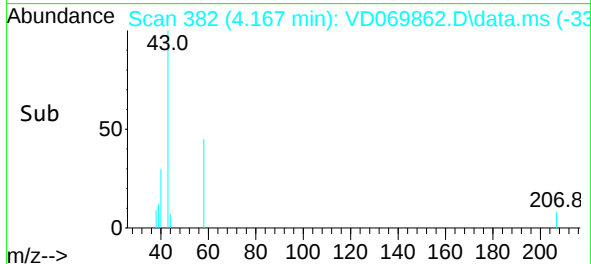
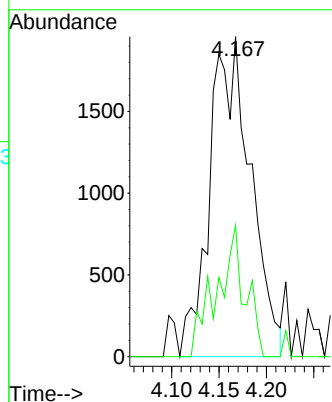
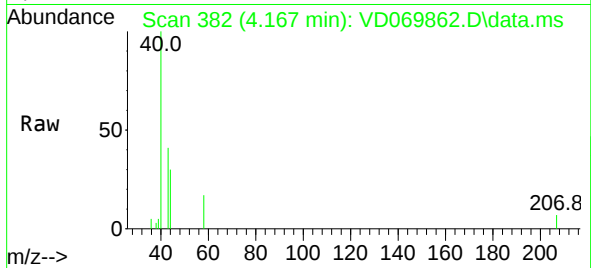




#16
Acetone
Concen: 3.072 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

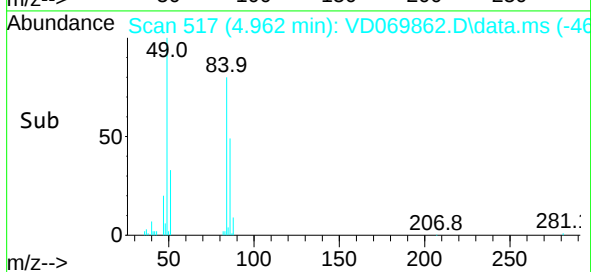
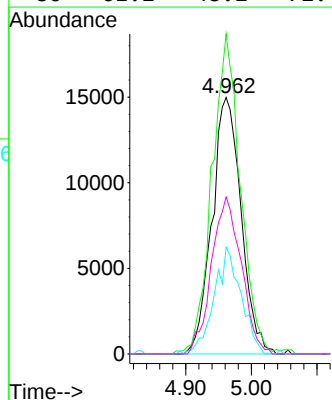
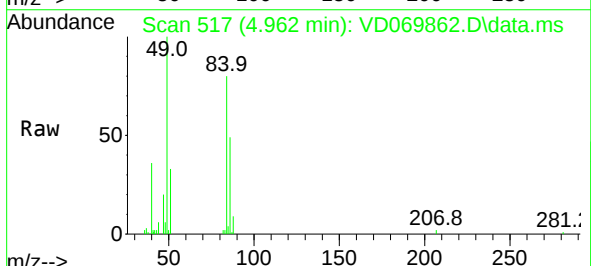
Instrument :
MSVOA_D
ClientSampled :

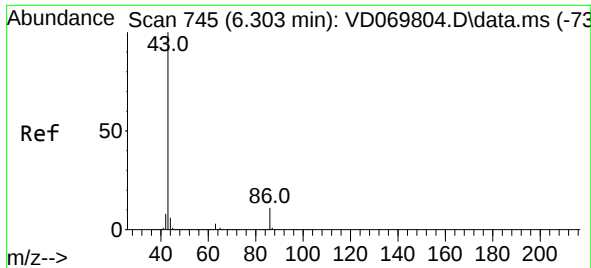
Tgt Ion: 43 Resp: 5860
Ion Ratio Lower Upper
43 100
58 41.0 29.4 44.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 84 Resp: 46163
Ion Ratio Lower Upper
84 100
49 123.7 92.4 138.6
51 40.3 28.5 42.7
86 61.2 48.2 72.4

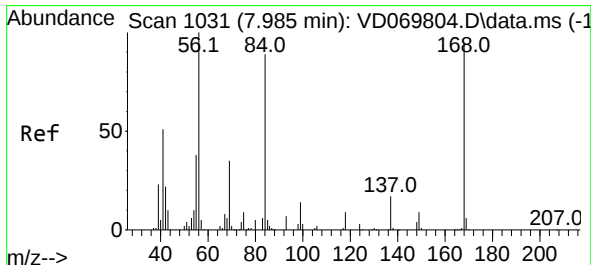
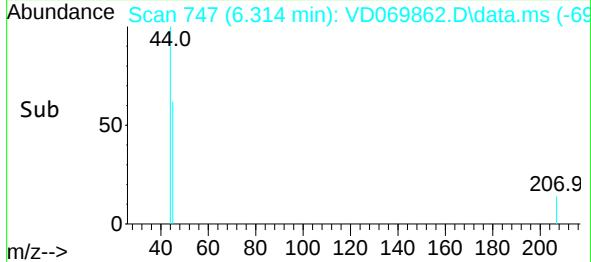
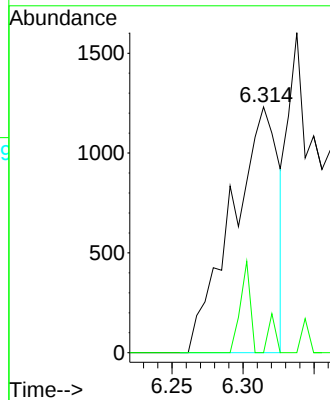
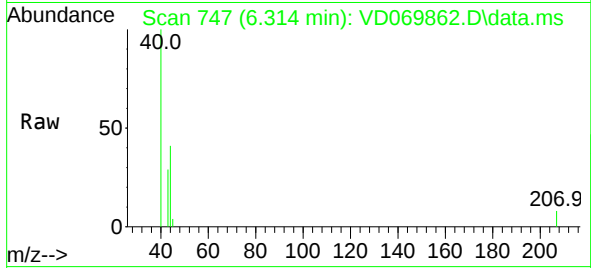




#23
 Vinyl Acetate
 Concen: 20.489 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.011 min
 Lab File: VD069862.D
 Acq: 27 Jul 2021 13:06

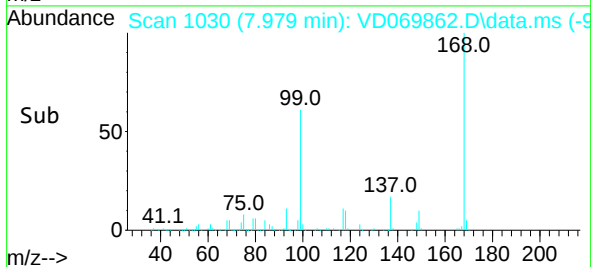
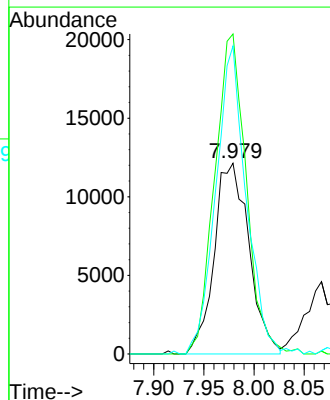
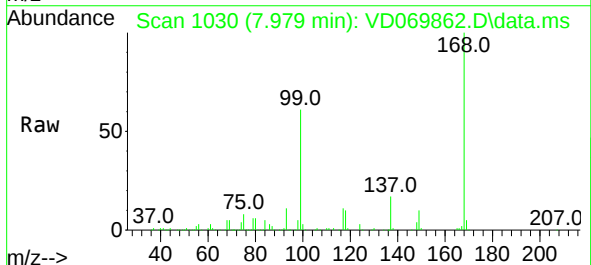
Instrument :
 MSVOA_D
 ClientSampled :

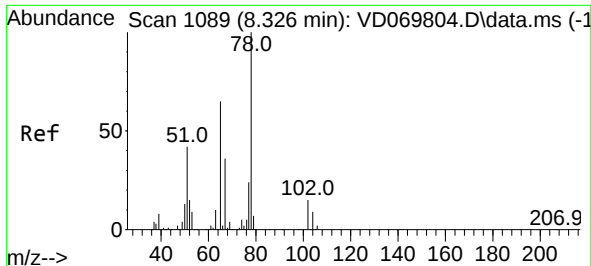
Tgt Ion: 43 Resp: 2800
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.417 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069862.D
 Acq: 27 Jul 2021 13:06

Tgt Ion: 56 Resp: 29237
 Ion Ratio Lower Upper
 56 100
 69 167.8 27.9 41.9#
 84 161.5 71.4 107.2#

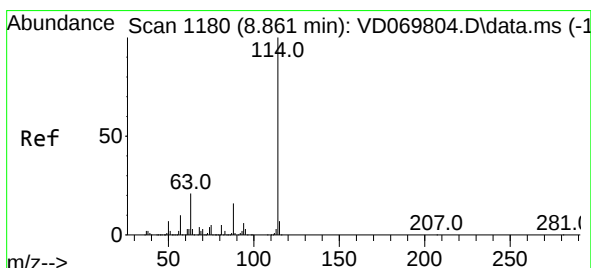
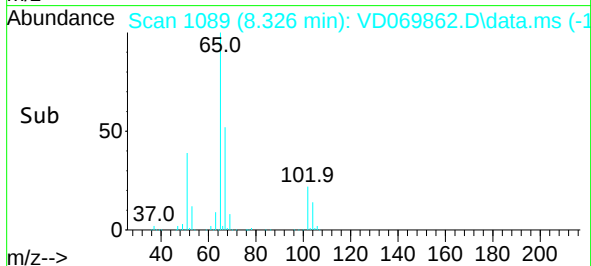
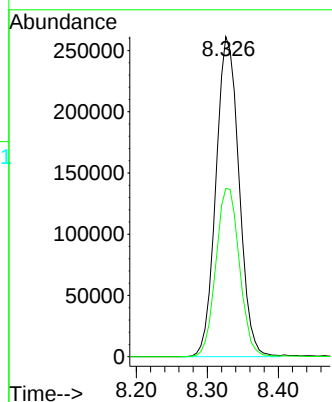
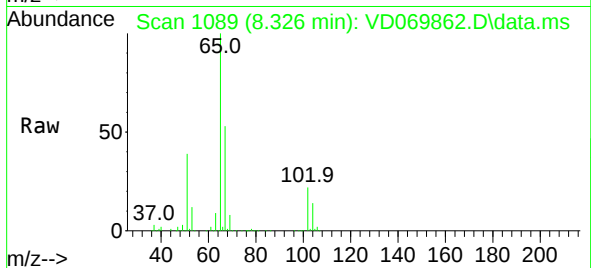




#33
1,2-Dichloroethane-d4
Concen: 55.755 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

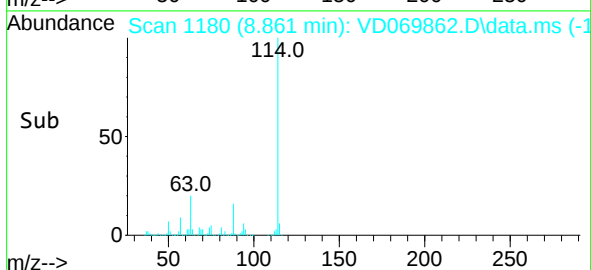
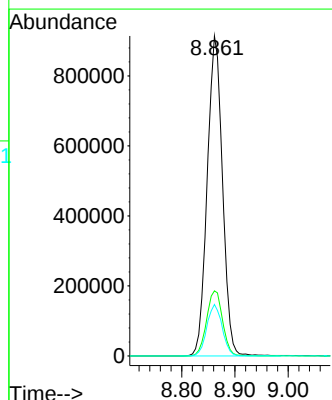
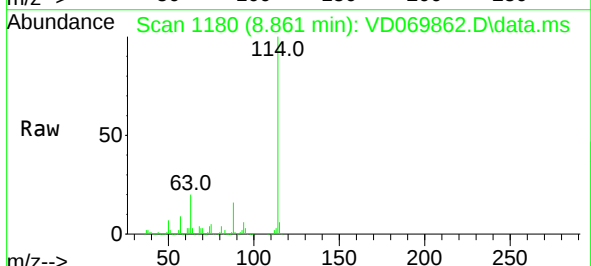
Instrument :
MSVOA_D
ClientSampleId :

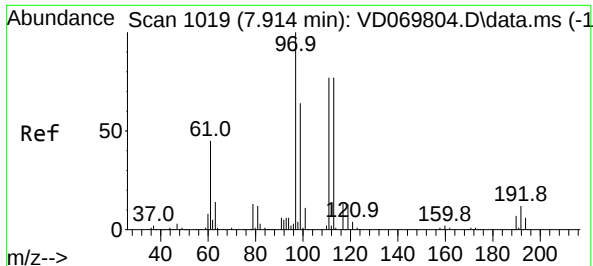
Tgt Ion: 65 Resp: 588786
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 114 Resp: 1819848
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.1 0.0 31.4



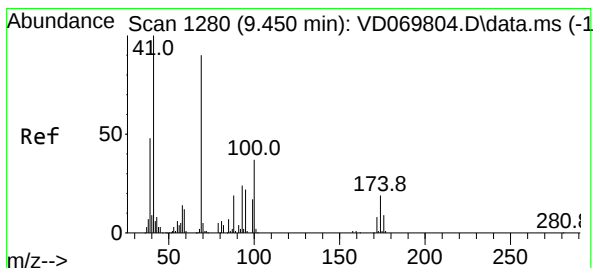
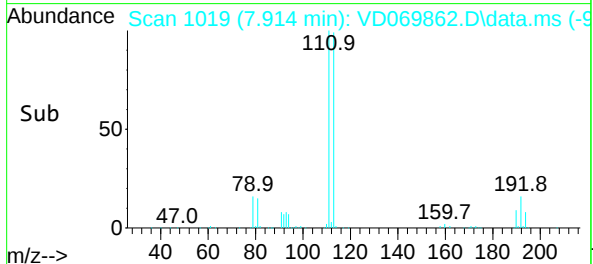
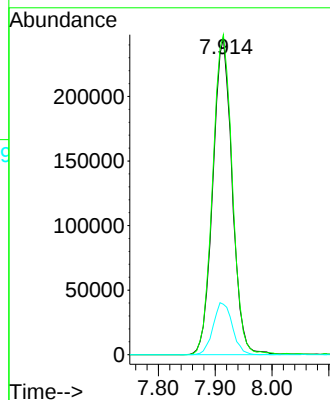
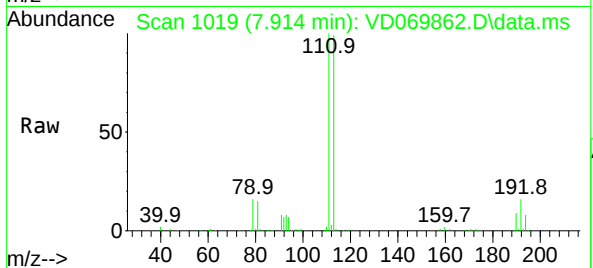


#35

Dibromofluoromethane
Concen: 50.324 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampled :

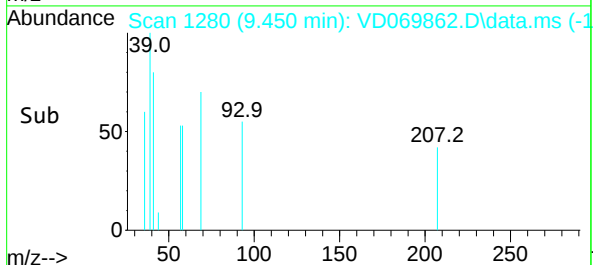
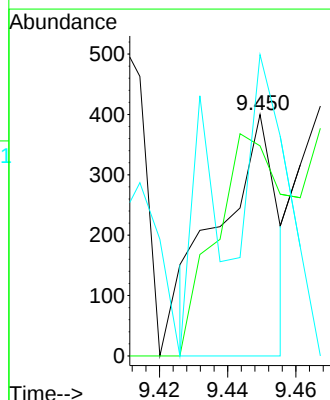
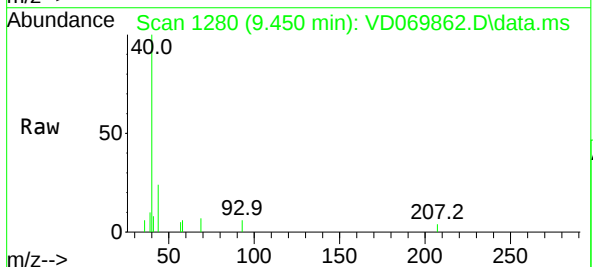
Tgt Ion:113 Resp: 577334
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.3 12.6 19.0

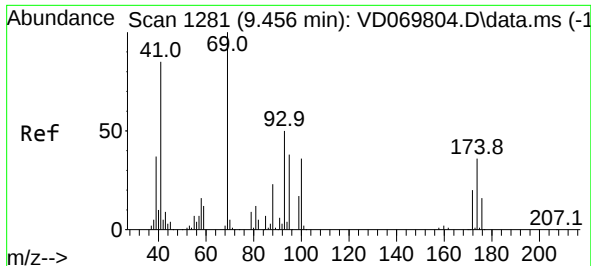


#48

Methyl methacrylate
Concen: 2.809 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

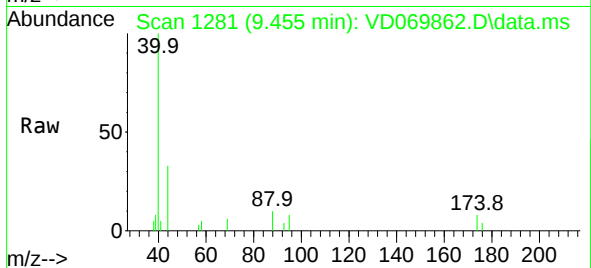
Tgt Ion: 41 Resp: 452
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 94.2 36.6 55.0#



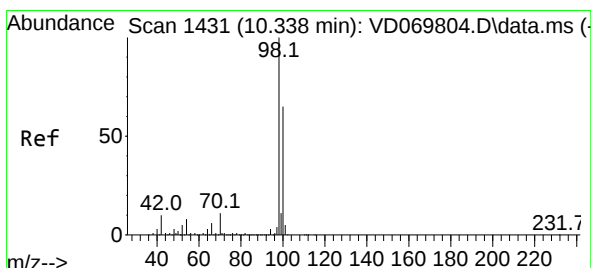
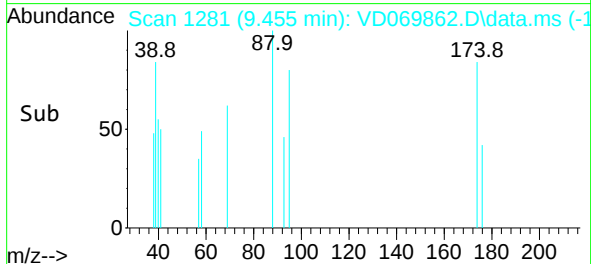
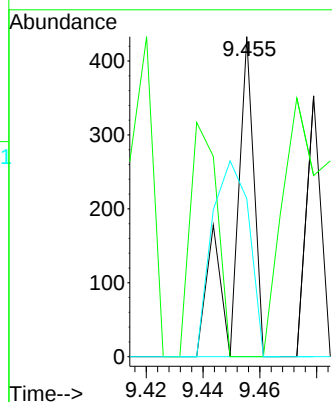


#49
1,4-Dioxane
Concen: 2.783 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :

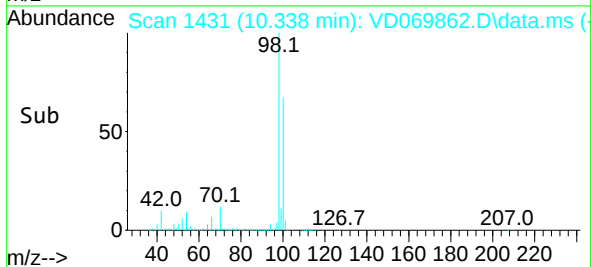
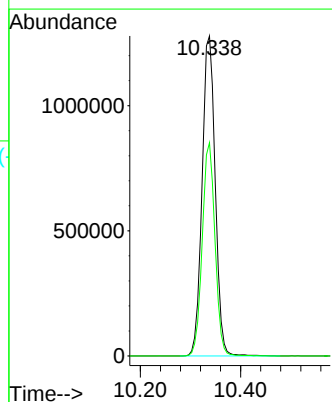
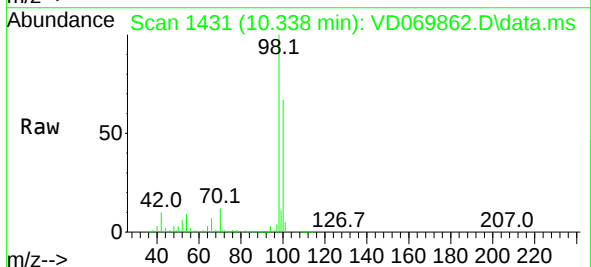


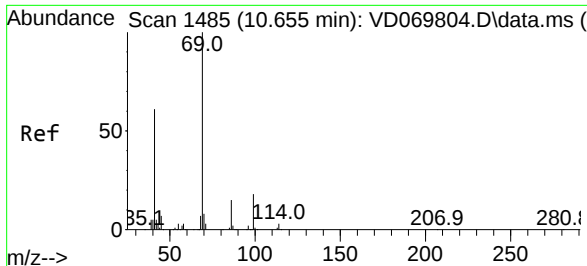
Tgt Ion: 88 Resp: 216
Ion Ratio Lower Upper
88 100
43 96.3 26.8 40.2#
58 110.6 59.8 89.6#



#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 98 Resp: 2320900
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

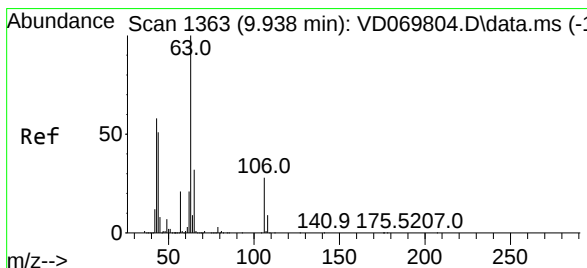
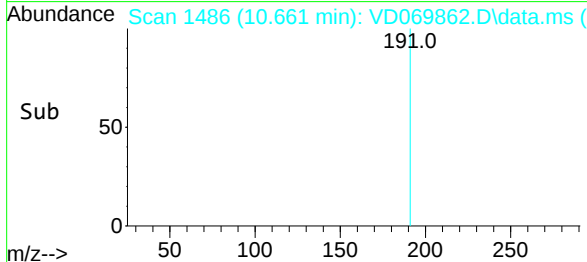
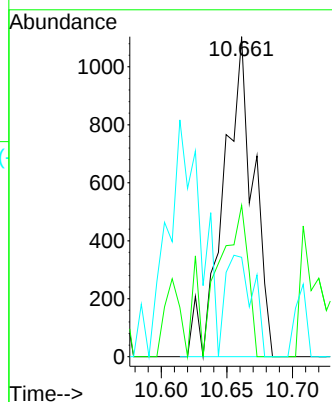
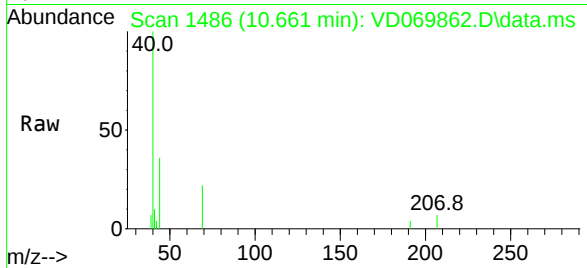




#56
Ethyl methacrylate
Concen: 4.021 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

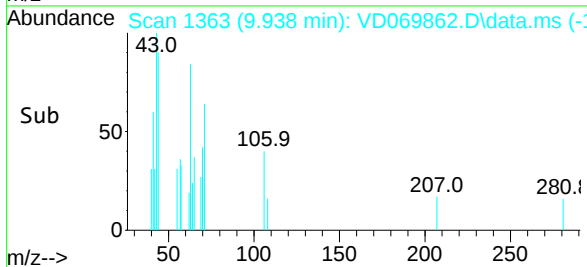
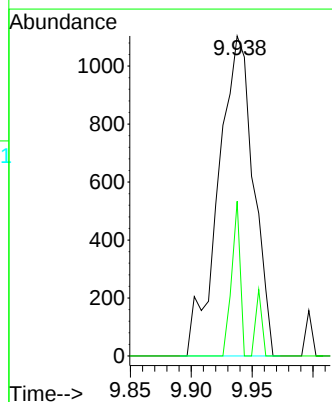
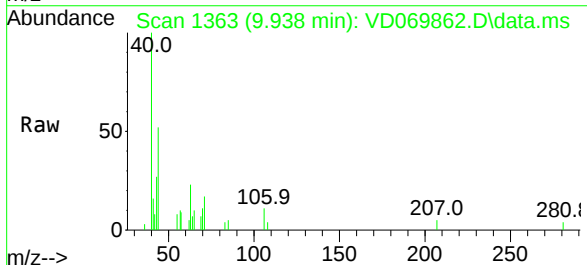
Instrument :
MSVOA_D
ClientSampleId :

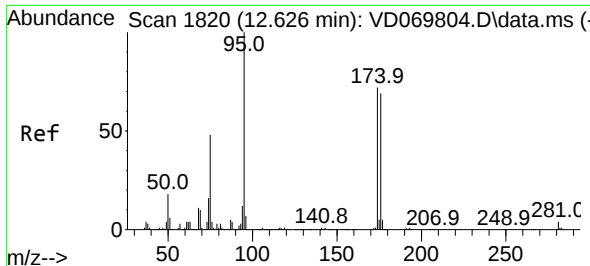
Tgt Ion: 69 Resp: 1745
Ion Ratio Lower Upper
69 100
41 43.7 50.2 75.2#
39 29.1 22.0 33.0



#58
2-Chloroethyl Vinyl ether
Concen: 21.228 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 63 Resp: 2206
Ion Ratio Lower Upper
63 100
106 11.9 21.8 32.6#

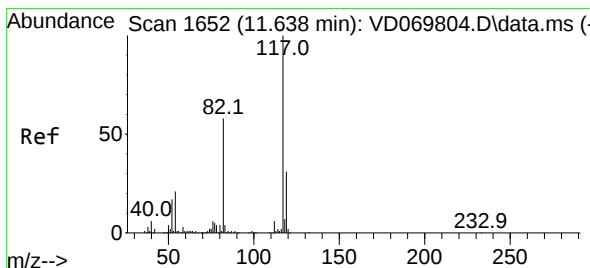
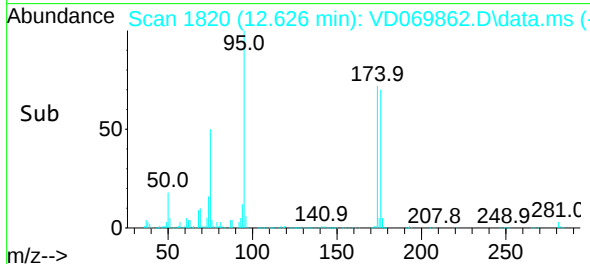
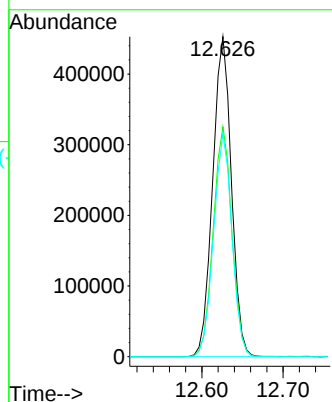
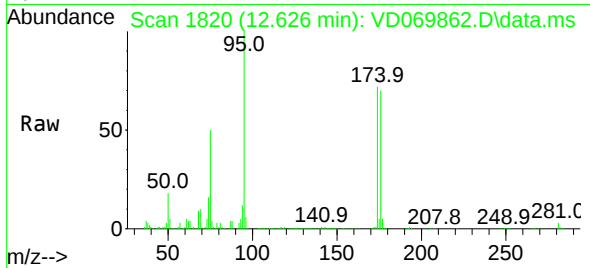




#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

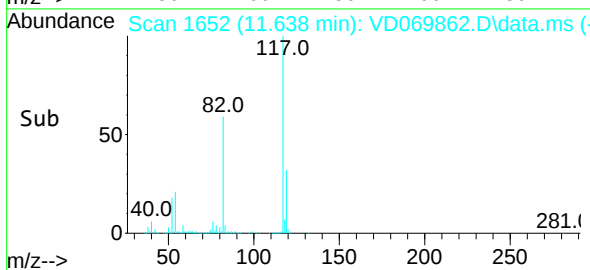
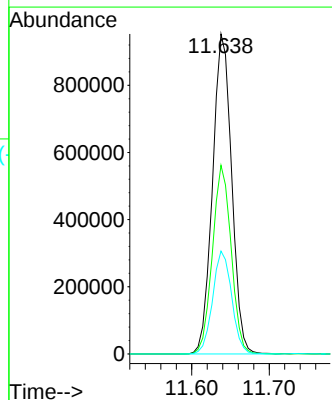
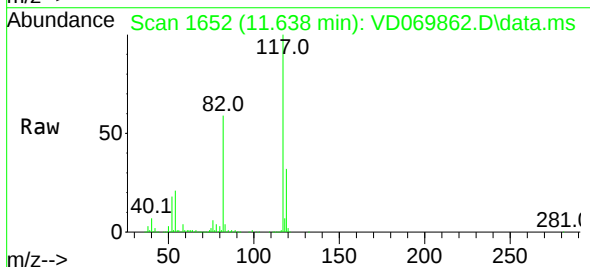
Instrument :
MSVOA_D
ClientSampleId :

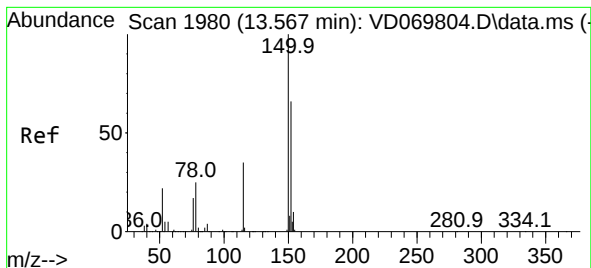
Tgt Ion: 95 Resp: 724241
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 68.6 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 117 Resp: 1632551
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 32.2 24.7 37.1

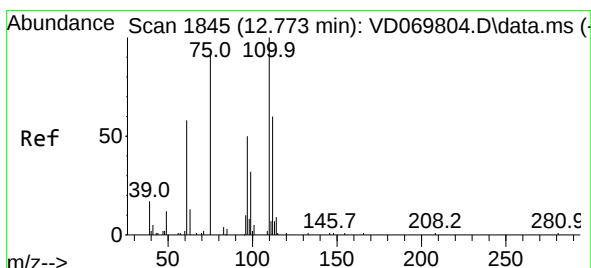
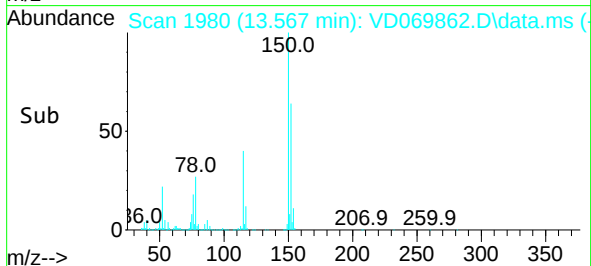
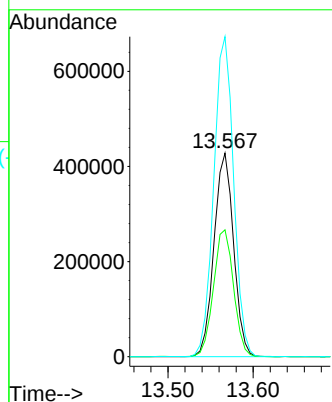
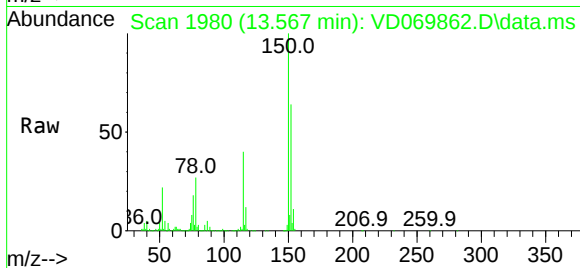




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

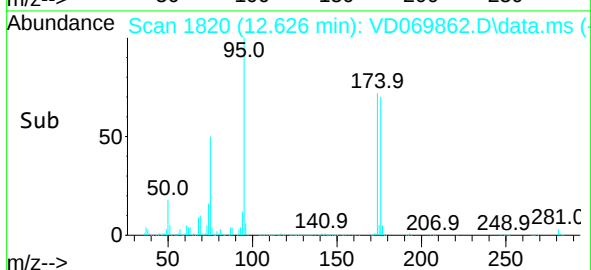
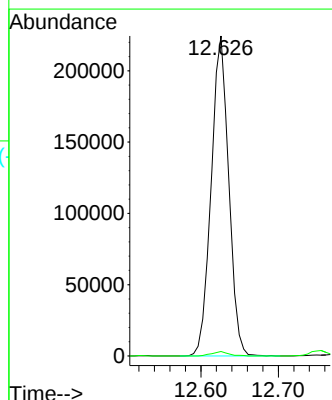
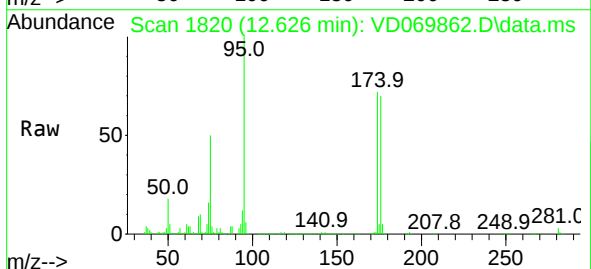
Instrument :
MSVOA_D
ClientSampleId :

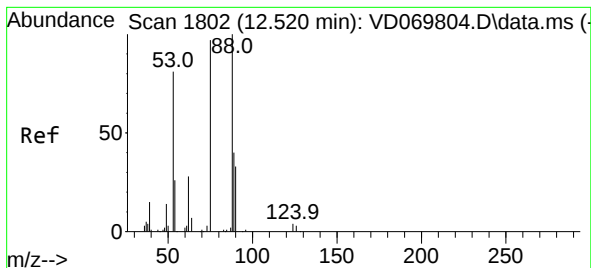
Tgt Ion:152 Resp: 683059
Ion Ratio Lower Upper
152 100
115 64.0 31.1 93.3
150 159.7 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 48.595 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 75 Resp: 352822
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#

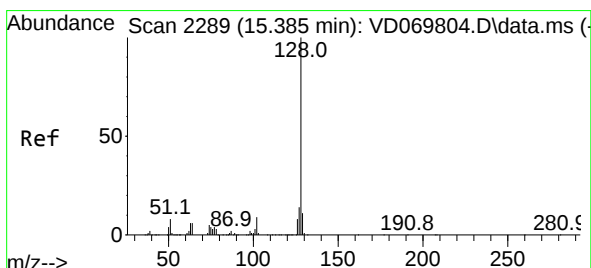
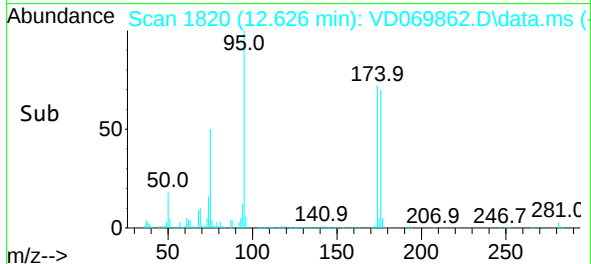
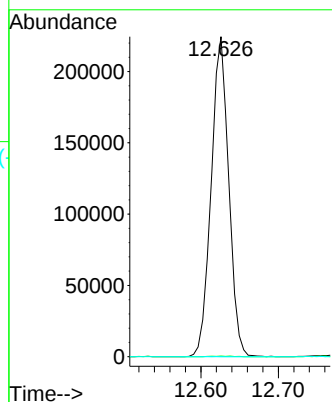
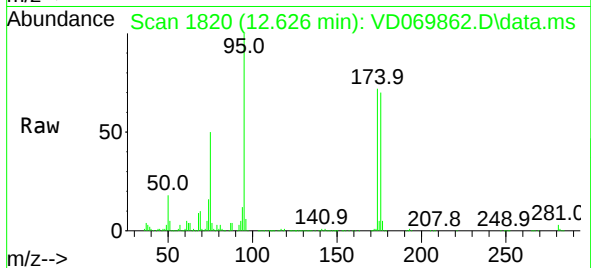




#81
trans-1,4-Dichloro-2-butene
Concen: 147.425 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 352822
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.314 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 128 Resp: 7827
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.4 8.6 12.8

