

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069913.D
 Acq On : 29 Jul 2021 15:59
 Operator : VA/SY
 Sample : M3210-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:56:29 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)

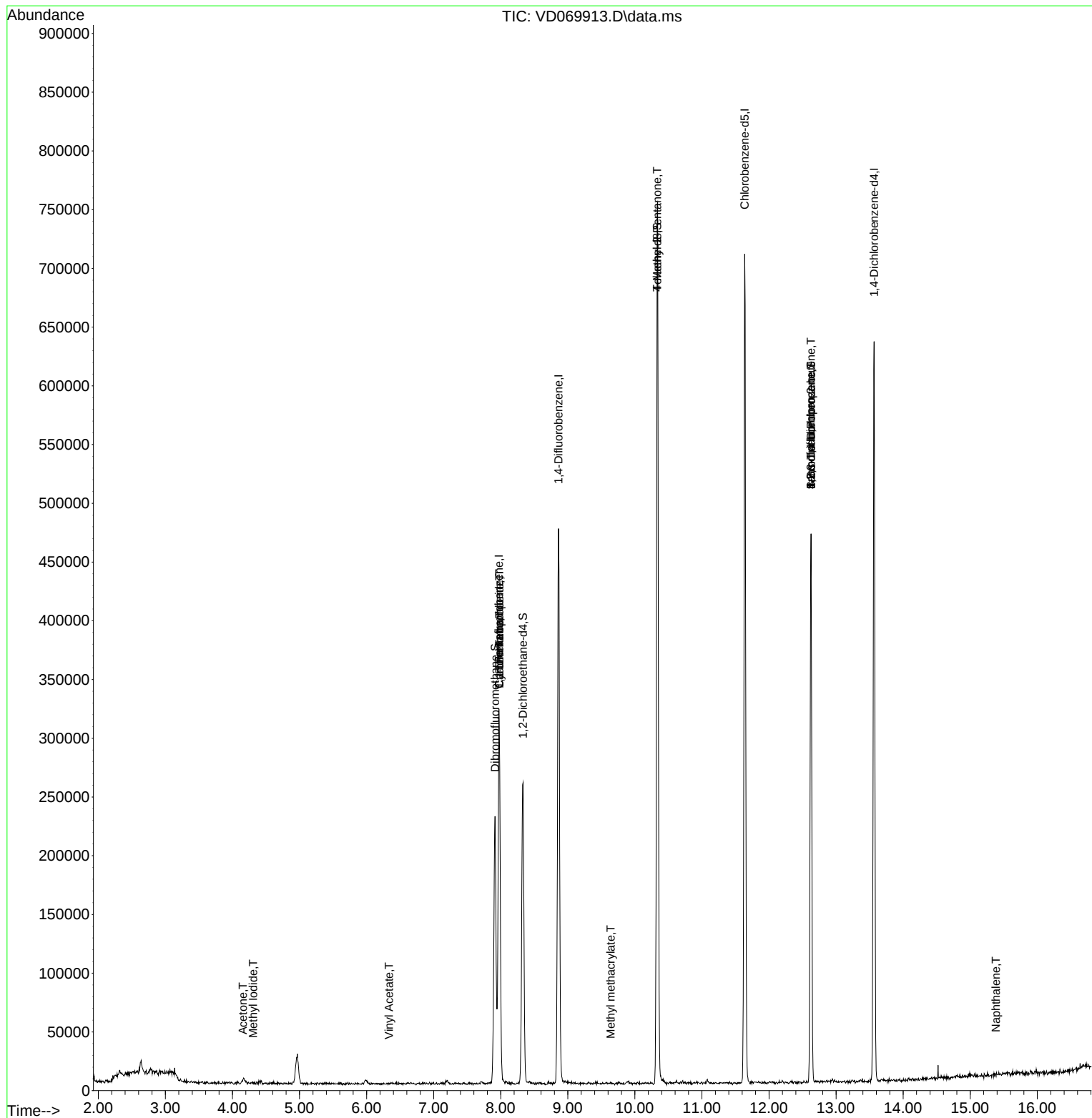
Internal Standards						
1) Pentafluorobenzene	7.973	168	220777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	418453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	166295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206687	81.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 162.800%			
35) Dibromofluoromethane	7.914	113	163054	63.842	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.680%			
50) Toluene-d8	10.332	98	525838	53.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.626	95	163676	49.730	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.460%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	2354	Below Cal	#	77
10) Methyl Iodide	4.309	142	1010	3.805	ug/l #	57
16) Acetone	4.156	43	6885	15.010	ug/l #	87
20) Methylene Chloride	4.956	84	19759	Below Cal		84
23) Vinyl Acetate	6.332	43	179	20.386	ug/l #	71
31) Cyclohexane	7.979	56	5187	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	18944	4.333	ug/l #	51
38) Carbon Tetrachloride	7.979	117	23097	5.783	ug/l #	18
48) Methyl methacrylate	9.638	41	63	2.786	ug/l #	13
51) 4-Methyl-2-Pentanone	10.332	43	2116	1.424	ug/l #	1
71) Bromoform	12.626	173	1531	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	78836	44.601	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	78836	135.307	ug/l #	16
95) Naphthalene	15.385	128	300	5.048	ug/l #	72

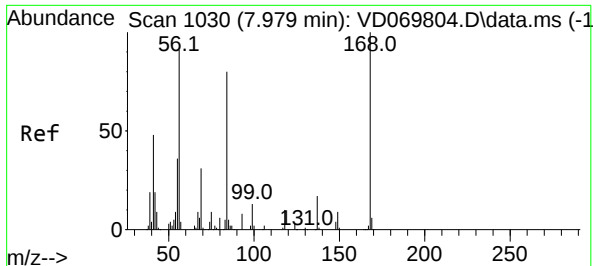
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069913.D
Acq On : 29 Jul 2021 15:59
Operator : VA/SY
Sample : M3210-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Jul 30 00:56:29 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

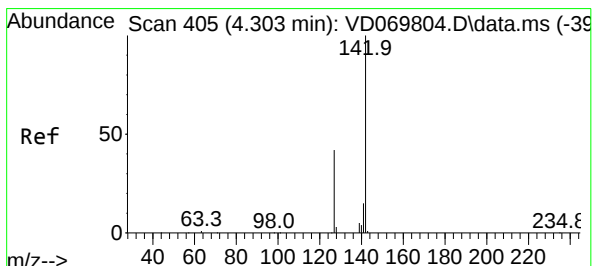
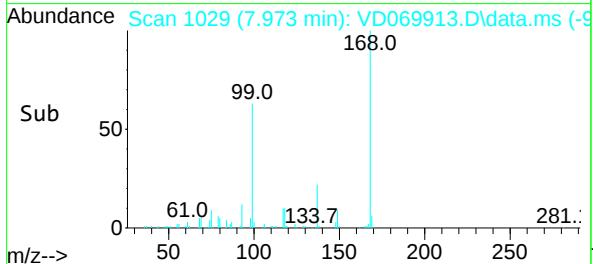
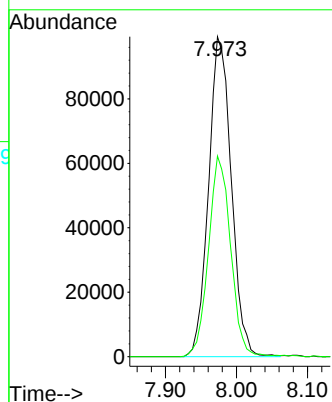
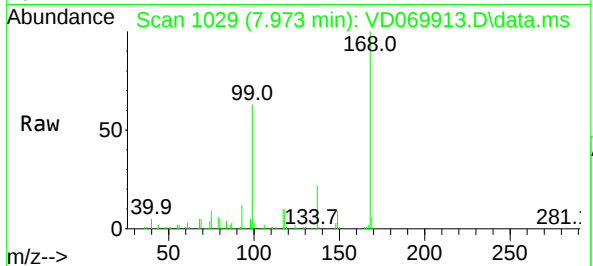




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

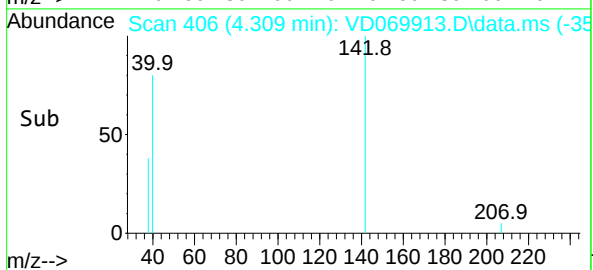
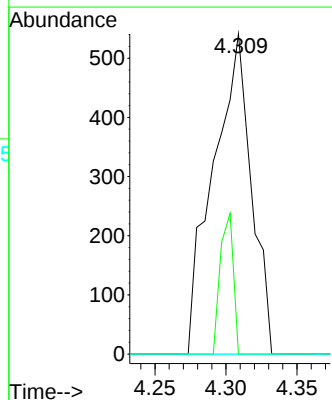
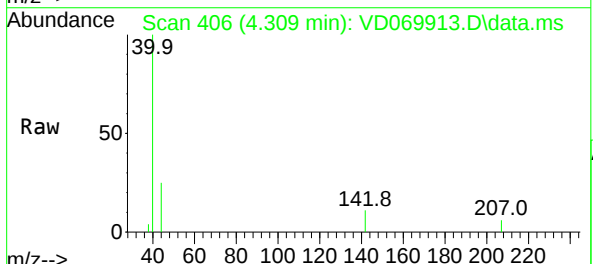
Instrument :
MSVOA_D
ClientSampleId :

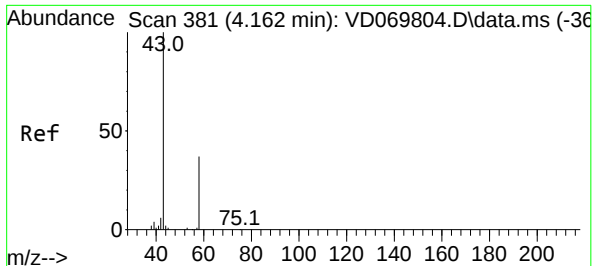
Tgt Ion:168 Resp: 220777
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#10
Methyl Iodide
Concen: 3.805 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion:142 Resp: 1010
Ion Ratio Lower Upper
142 100
127 15.0 35.7 53.5#
141 0.0 12.0 18.0#





#16

Acetone

Concen: 15.010 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.006 min

Lab File: VD069913.D

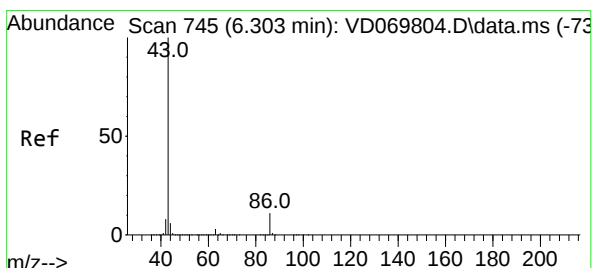
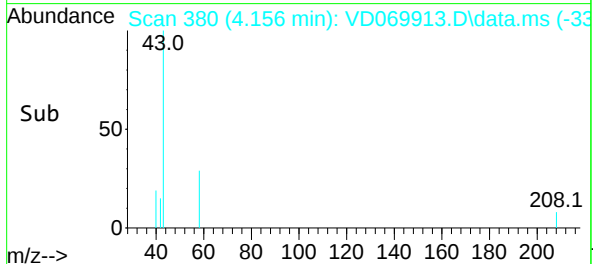
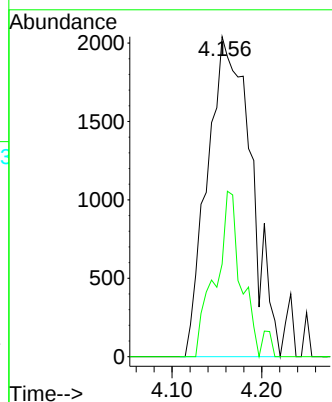
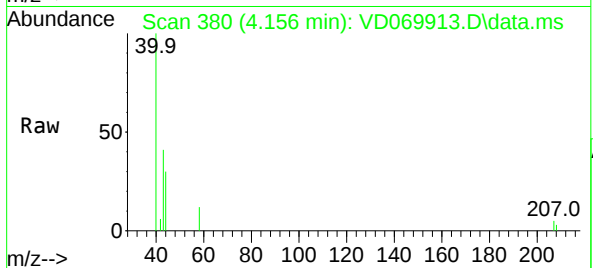
Acq: 29 Jul 2021 15:59

Tgt Ion: 43 Resp: 6885

Ion Ratio Lower Upper

43 100

58 29.0 29.4 44.0#



#23

Vinyl Acetate

Concen: 20.386 ug/l

RT: 6.332 min Scan# 750

Delta R.T. 0.029 min

Lab File: VD069913.D

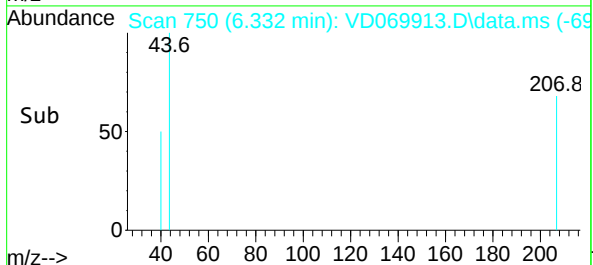
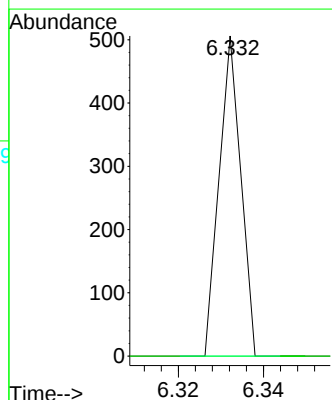
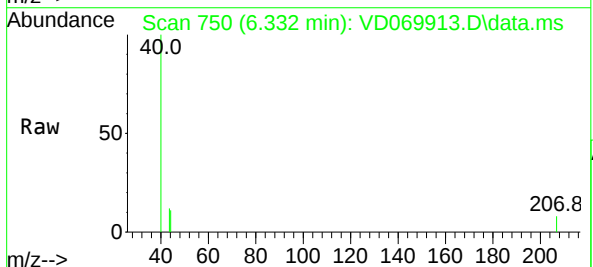
Acq: 29 Jul 2021 15:59

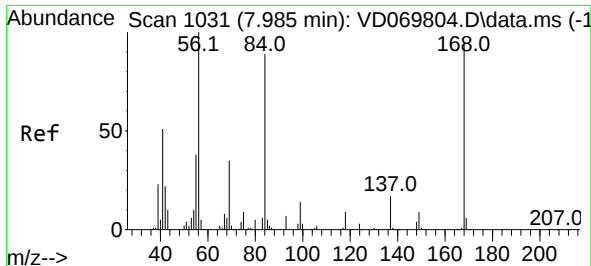
Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

86 0.0 8.6 13.0#

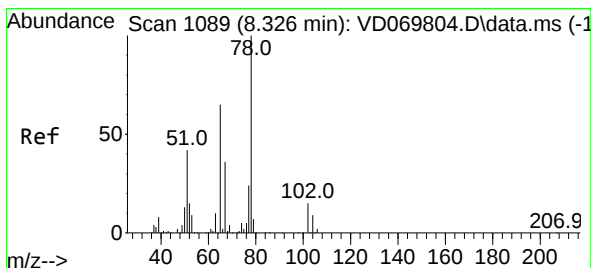
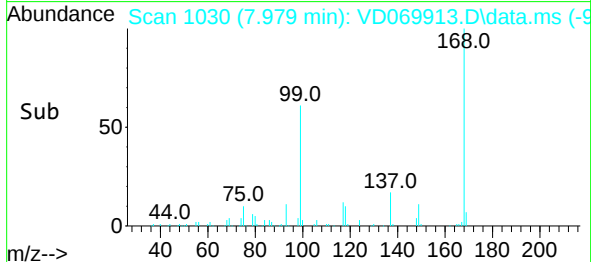
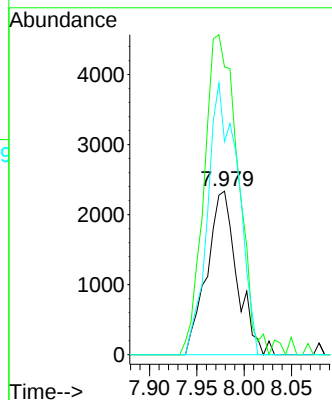
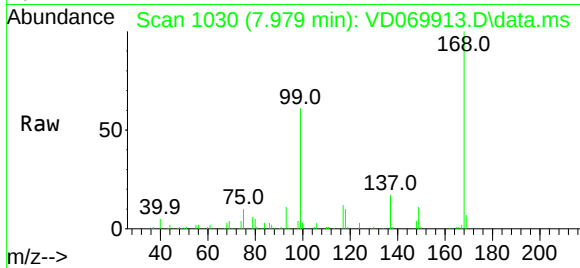




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

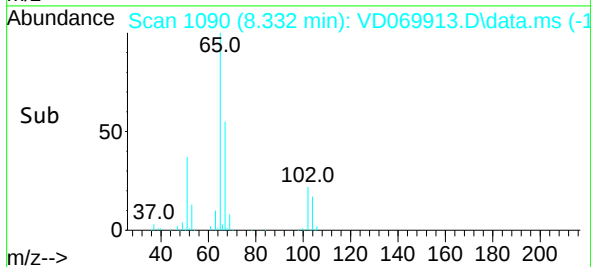
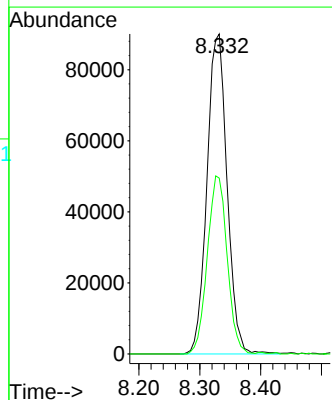
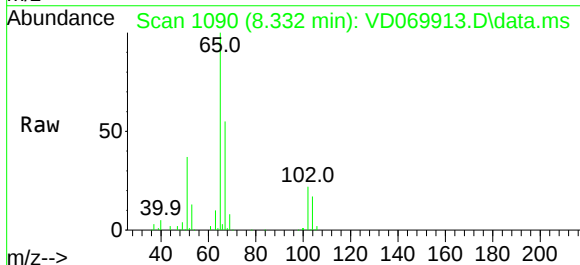
Instrument :
MSVOA_D
ClientSampleId :

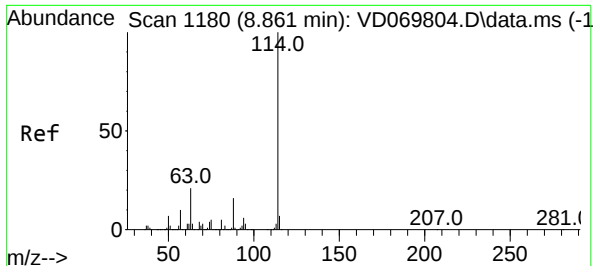
Tgt Ion: 56 Resp: 5187
Ion Ratio Lower Upper
56 100
69 176.0 27.9 41.9#
84 130.3 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 81.401 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 65 Resp: 206687
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2



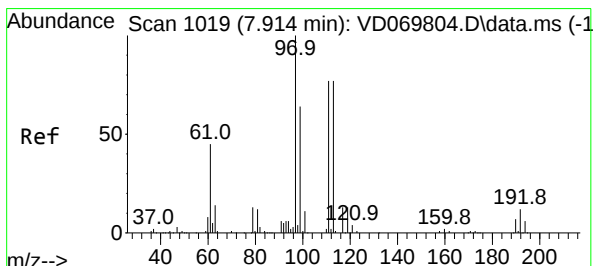
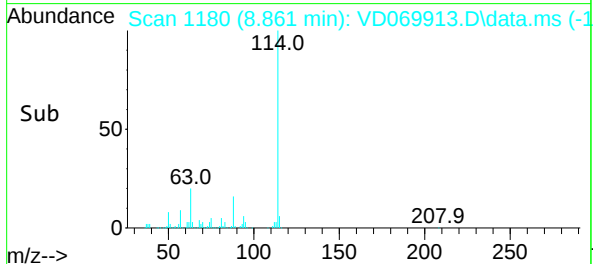
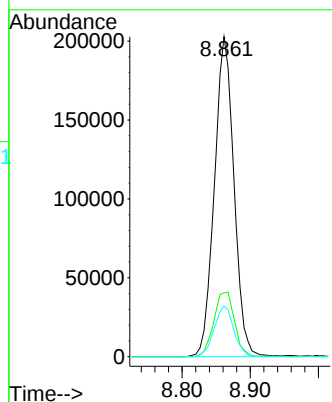
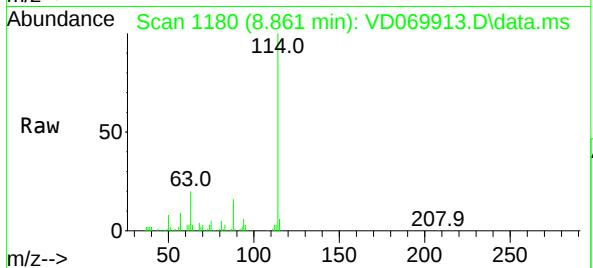


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Instrument :
MSVOA_D
ClientSampled :

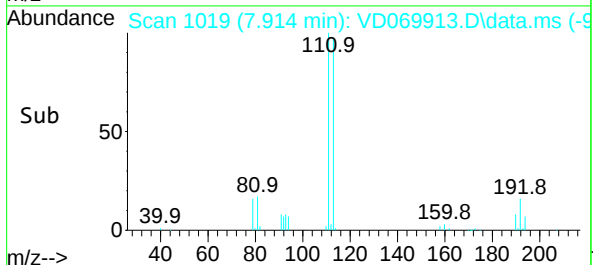
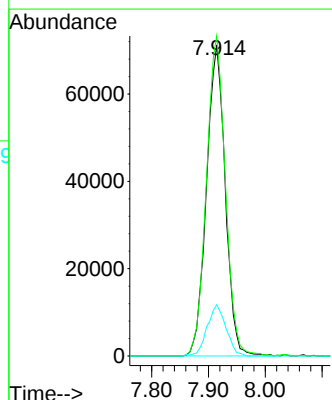
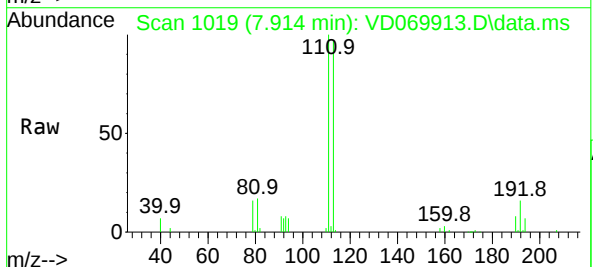
Tgt Ion:114 Resp: 405143
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.8 0.0 31.4

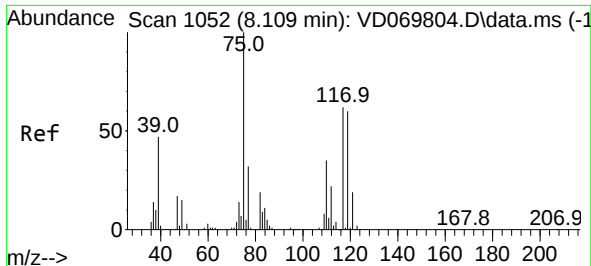


#35

Dibromofluoromethane
Concen: 63.842 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

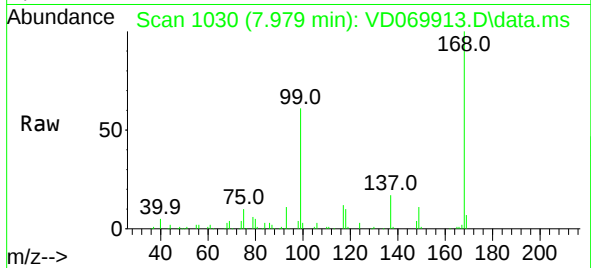
Tgt Ion:113 Resp: 163054
Ion Ratio Lower Upper
113 100
111 104.4 80.5 120.7
192 16.5 12.6 19.0



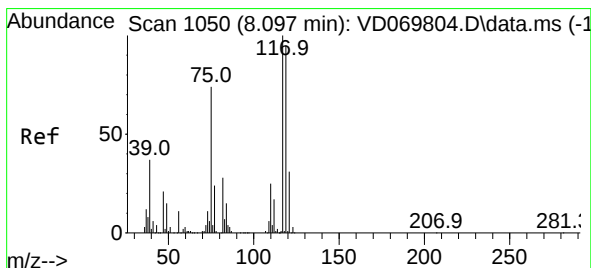
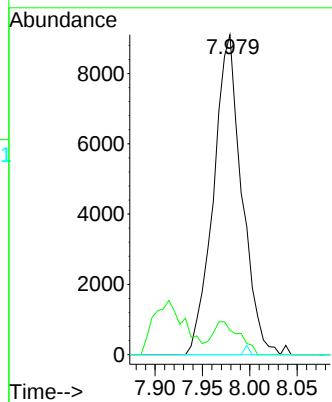
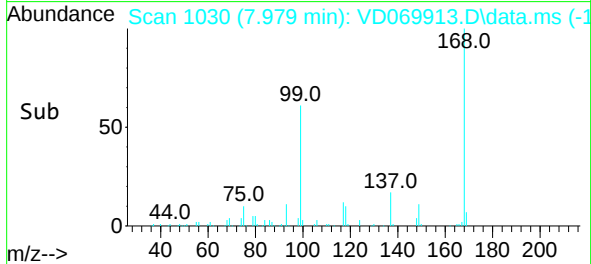


#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

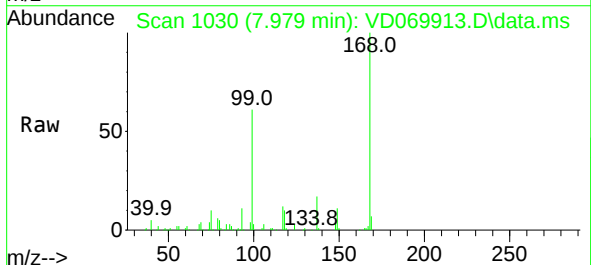
Instrument :
MSVOA_D
ClientSampleId :



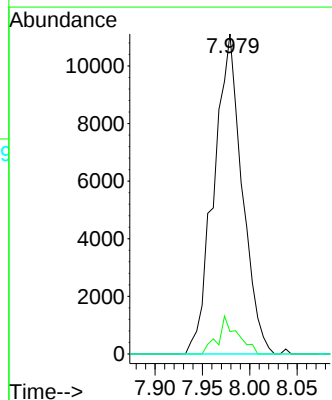
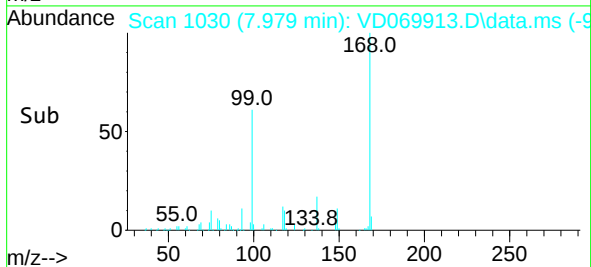
Tgt Ion: 75 Resp: 18944
Ion Ratio Lower Upper
75 100
110 10.0 16.9 50.7#
77 0.0 24.9 37.3#

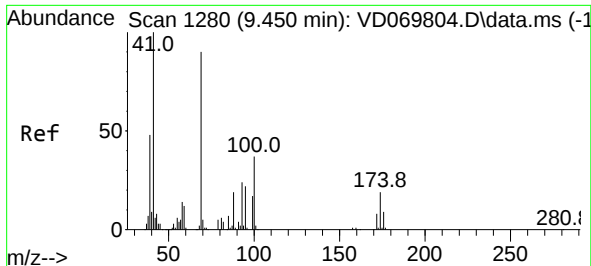


#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59



Tgt Ion: 117 Resp: 23097
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.5 36.7#

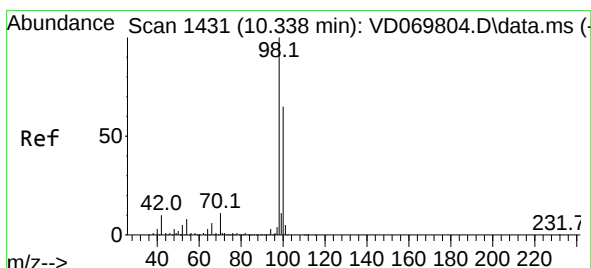
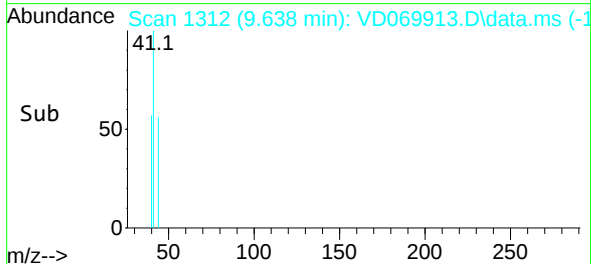
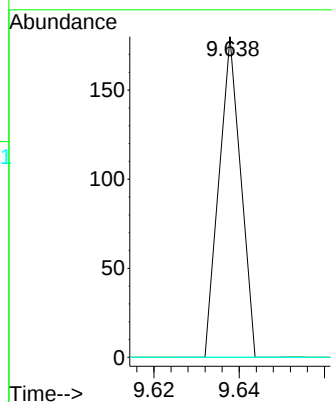
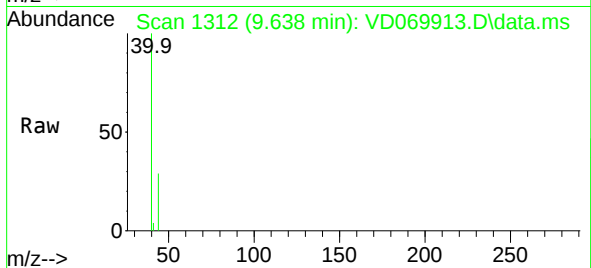




#48
Methyl methacrylate
Concen: 2.786 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. 0.188 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

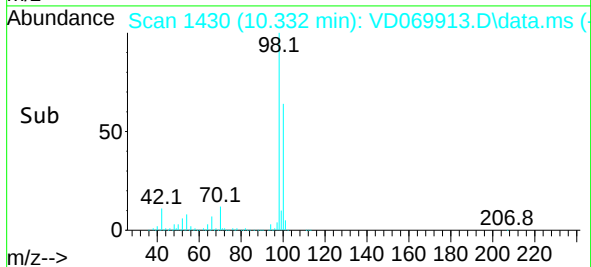
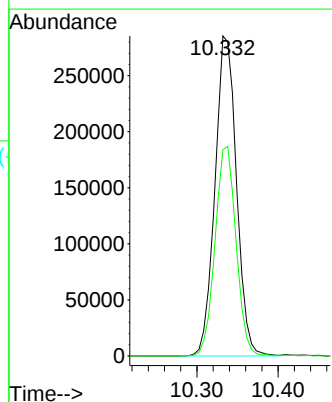
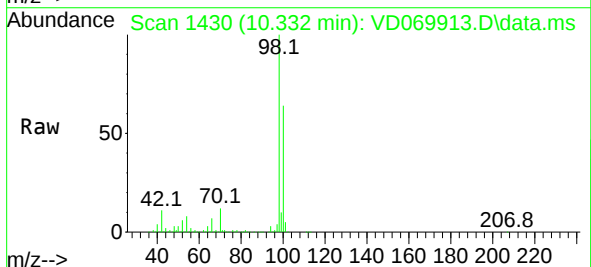
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MSVOA_D
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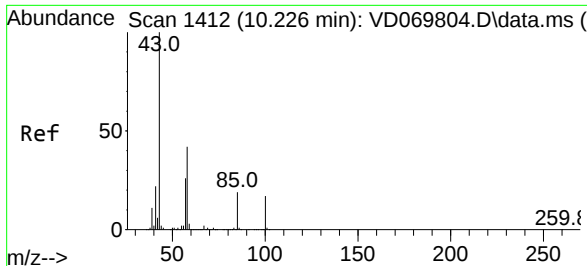
Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 53.395 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 98 Resp: 525838
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

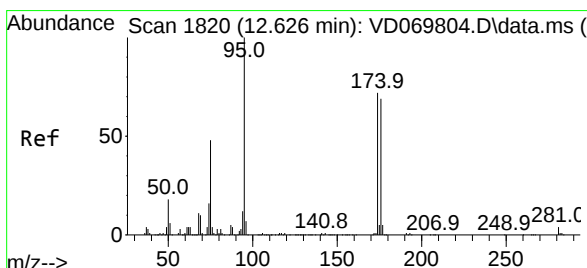
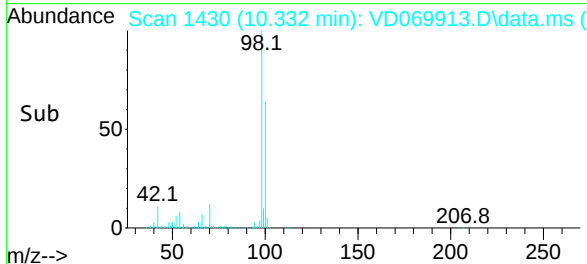
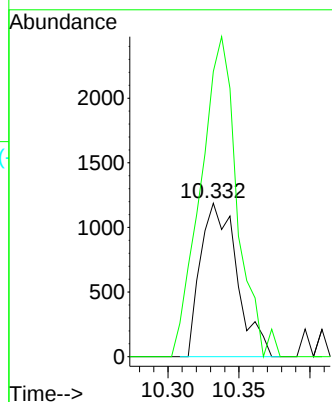
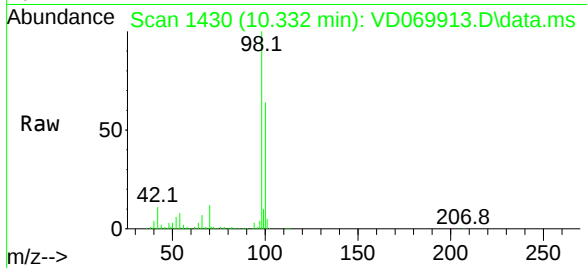




#51
4-Methyl-2-Pentanone
Concen: 1.424 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

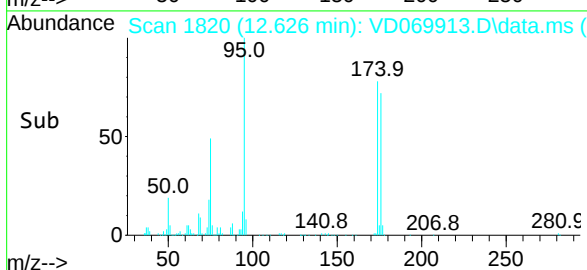
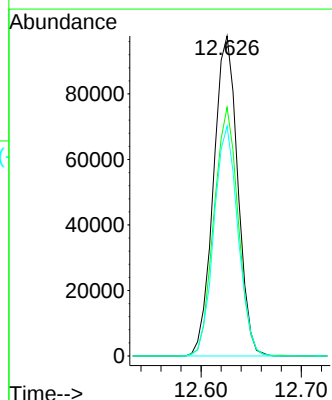
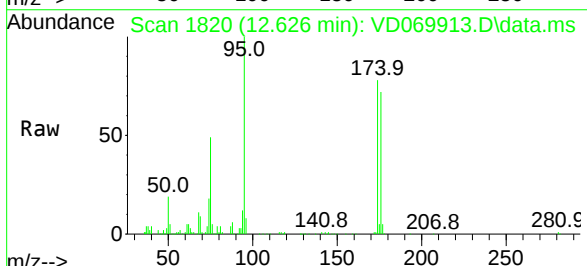
Instrument :
MSVOA_D
ClientSampleId :

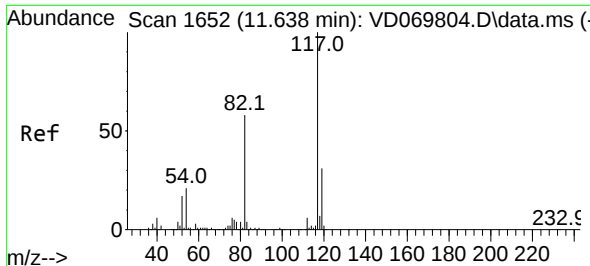
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 209.7 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 49.730 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 95 Resp: 163676
Ion Ratio Lower Upper
95 100
174 77.4 0.0 142.6
176 71.7 0.0 134.2

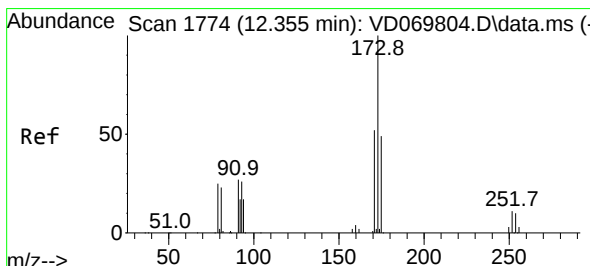
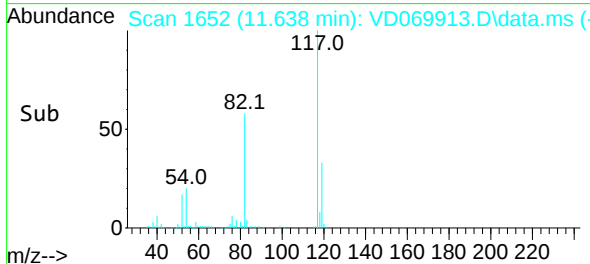
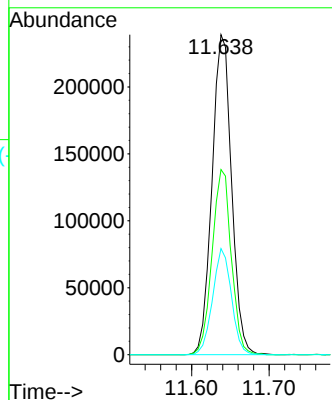
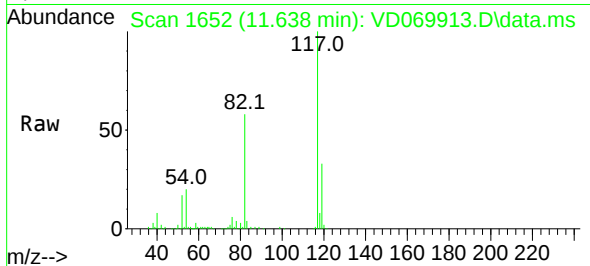




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

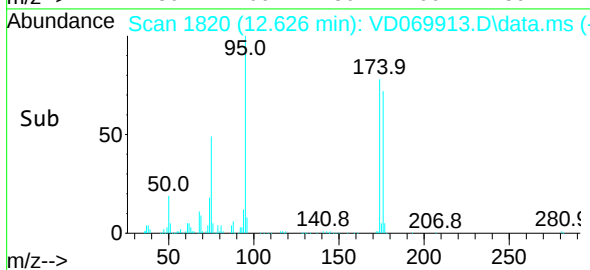
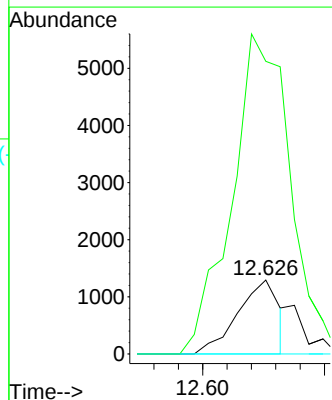
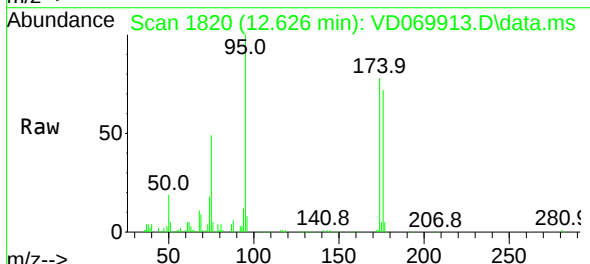
Instrument :
MSVOA_D
ClientSampled :

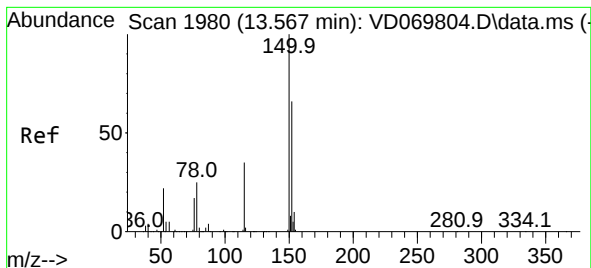
Tgt Ion:117 Resp: 418453
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 33.2 24.7 37.1



#71
Bromoform
Concen: 1.011 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion:173 Resp: 1531
Ion Ratio Lower Upper
173 100
175 515.0 24.1 72.3#
254 0.0 0.1 0.1#

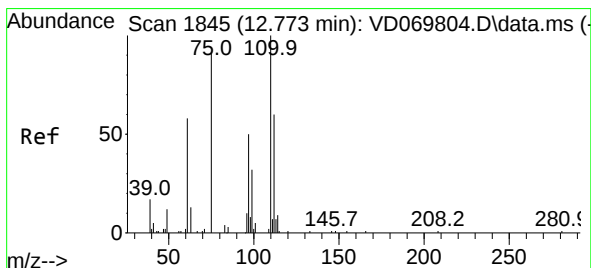
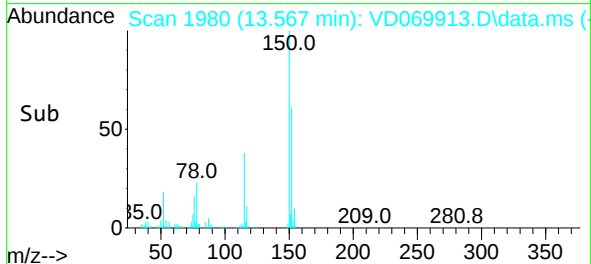
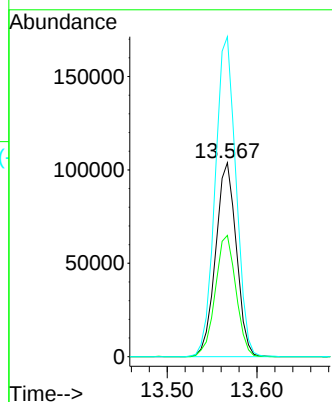
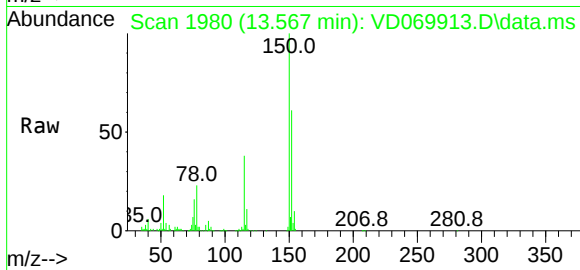




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069913.D
 Acq: 29 Jul 2021 15:59

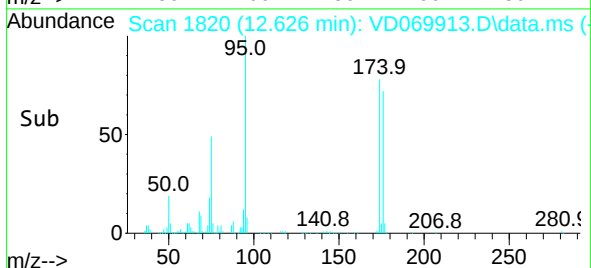
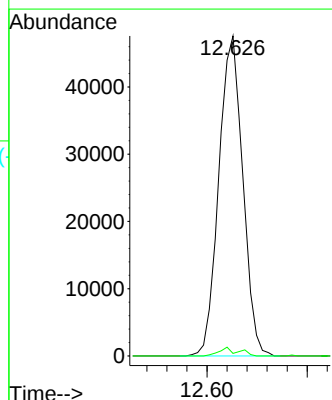
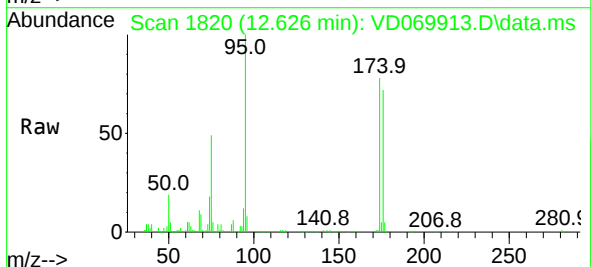
Instrument :
 MSVOA_D
 ClientSampleId :

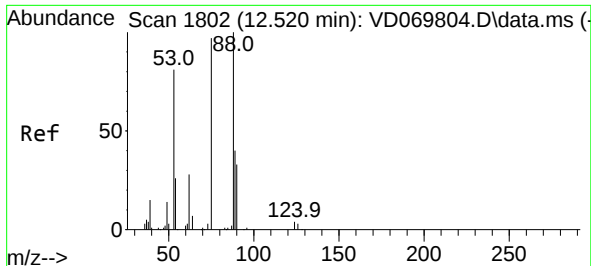
Tgt Ion:152 Resp: 166295
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.1 93.3
 150 166.0 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 44.601 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069913.D
 Acq: 29 Jul 2021 15:59

Tgt Ion: 75 Resp: 78836
 Ion Ratio Lower Upper
 75 100
 77 2.2 181.5 544.5#

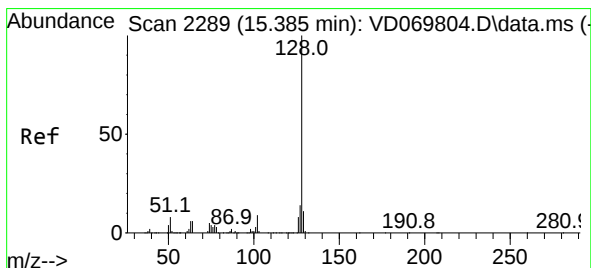
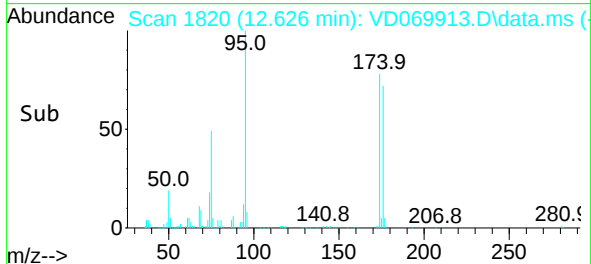
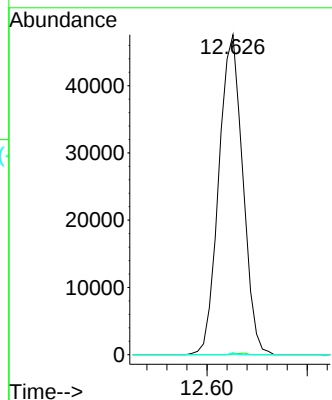
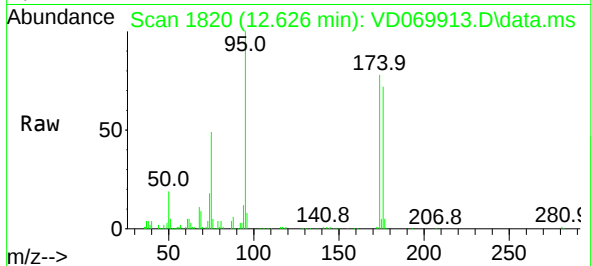




#81
trans-1,4-Dichloro-2-butene
Concen: 135.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 78836
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 5.048 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 128 Resp: 300
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 18.7 8.6 12.8#

