

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068570.D
 Acq On : 09 Mar 2021 10:47
 Operator : VA/SY
 Sample : VD0309SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 09 23:59:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

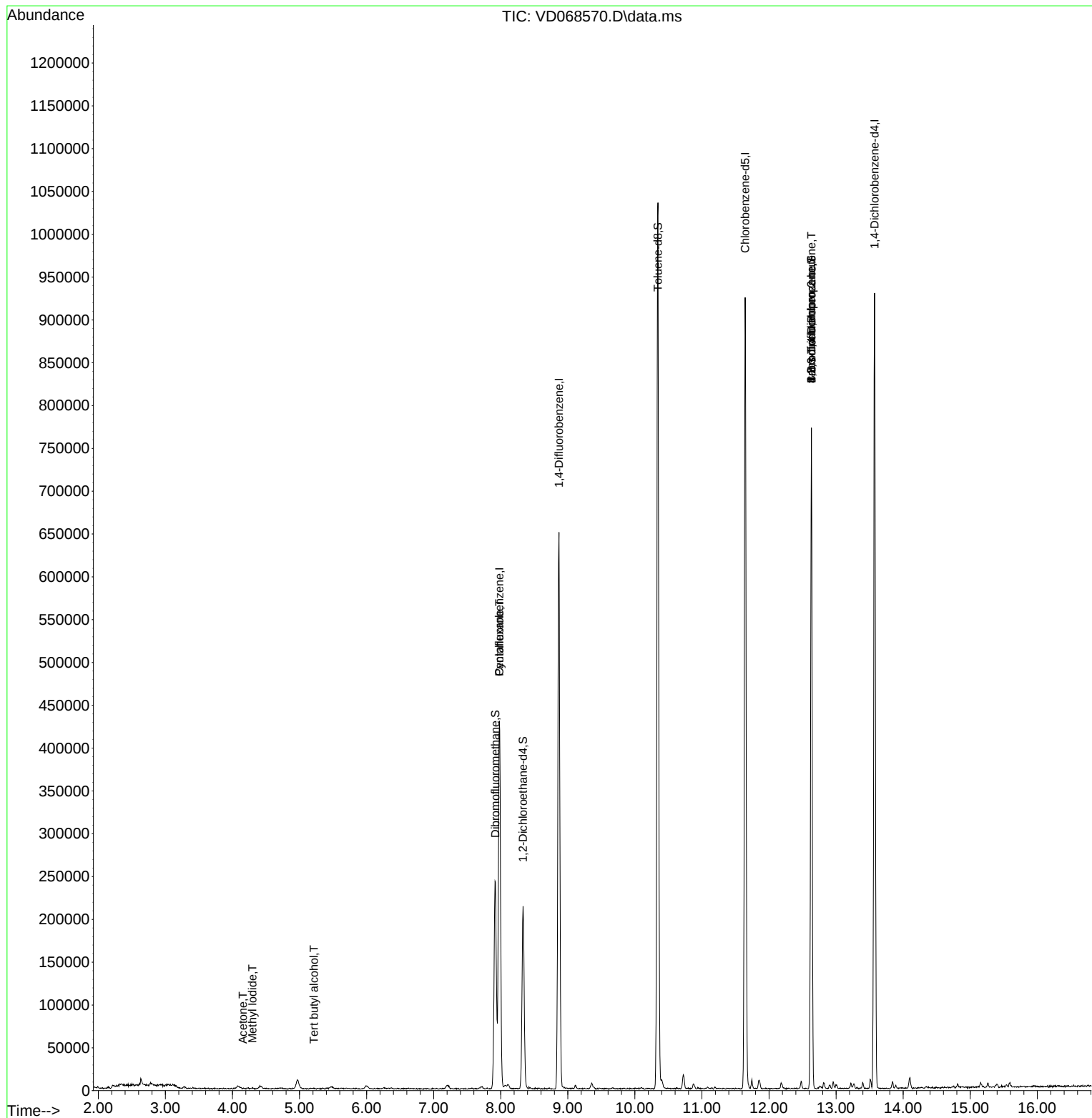
Internal Standards						
1) Pentafluorobenzene	7.979	168	330194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	584349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	563654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	258823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168536	51.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.18%			
35) Dibromofluoromethane	7.920	113	178959	50.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.68%			
50) Toluene-d8	10.344	98	735492	52.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.92%			
62) 4-Bromofluorobenzene	12.632	95	236457	52.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.66%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	631	2.77	ug/l #	73
11) Tert butyl alcohol	5.215	59	220	1.25	ug/l #	74
16) Acetone	4.156	43	825	1.57	ug/l	95
20) Methylene Chloride	4.979	84	9054	Below Cal	#	85
31) Cyclohexane	7.979	56	8876	1.48	ug/l #	36
71) Bromoform	12.632	173	2069	1.02	ug/l #	28
76) 1,2,3-Trichloropropane	12.632	75	120998	52.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	120998	122.89	ug/l #	13

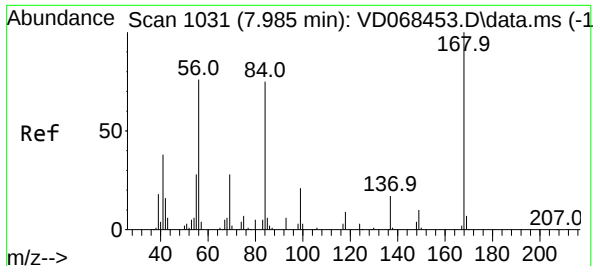
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
Data File : VD068570.D
Acq On : 09 Mar 2021 10:47
Operator : VA/SY
Sample : VD0309SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 09 23:59:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

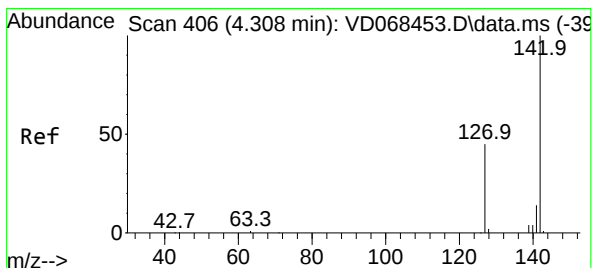
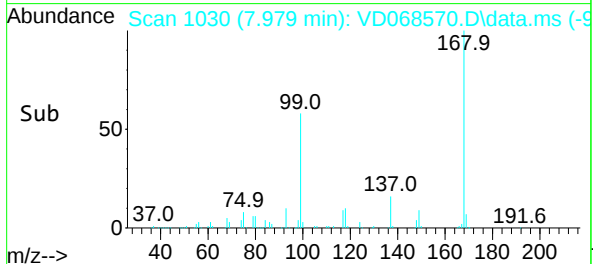
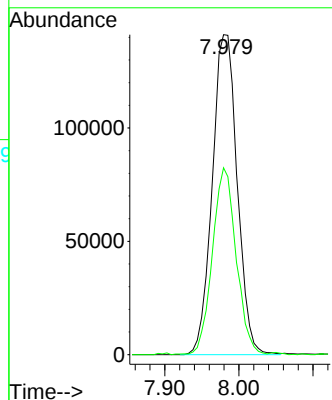
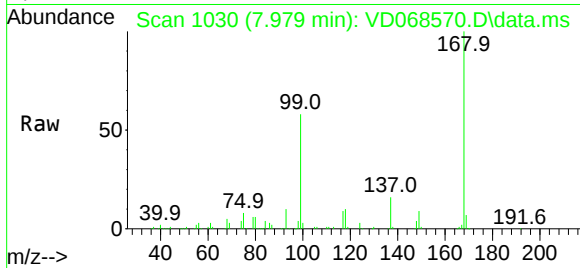




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

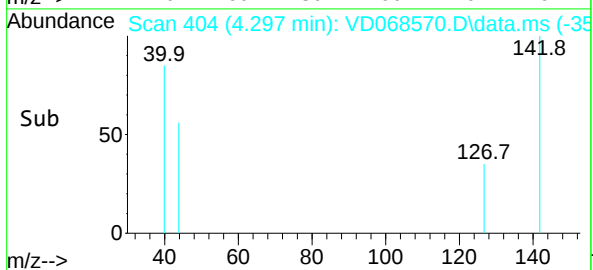
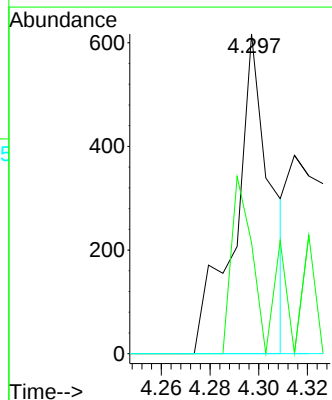
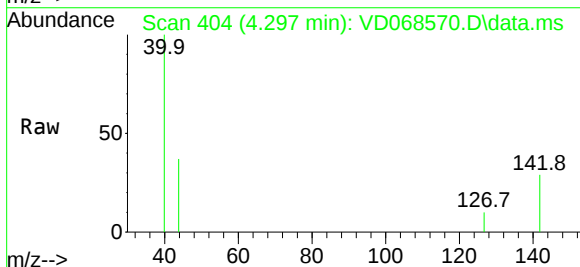
Instrument :
MSVOA_D
ClientSampleId :

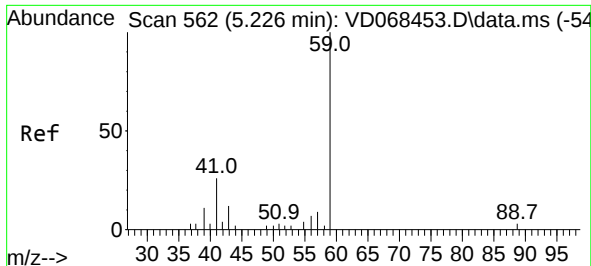
Tgt Ion:168 Resp: 330194
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#10
Methyl Iodide
Concen: 2.77 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Tgt Ion:142 Resp: 631
Ion Ratio Lower Upper
142 100
127 31.1 37.9 56.9#
141 0.0 11.5 17.3#



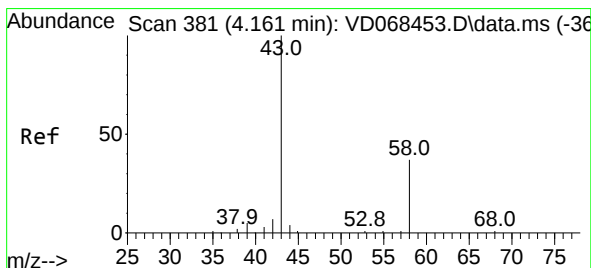
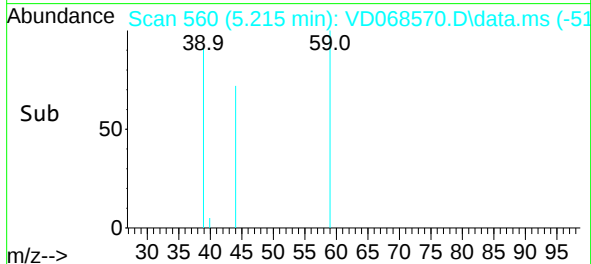
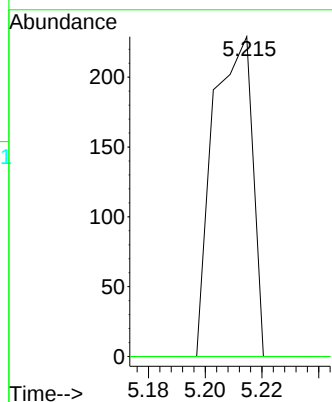
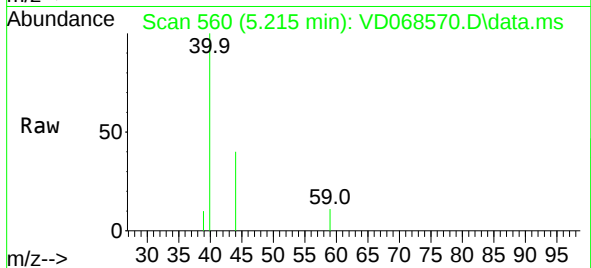


#11

Tert butyl alcohol
Concen: 1.25 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Instrument :
MSVOA_D
ClientSampled :

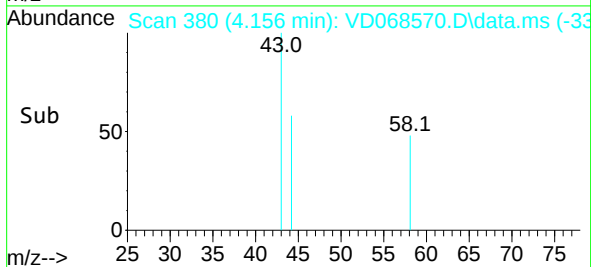
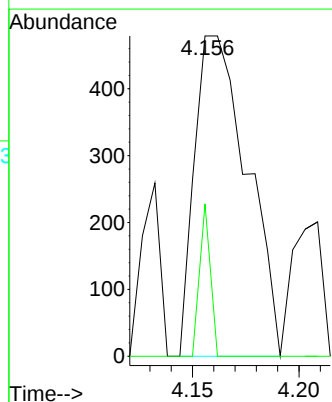
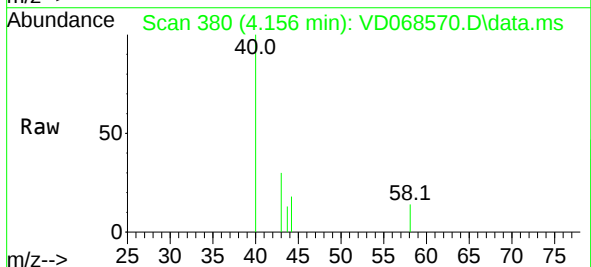
Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

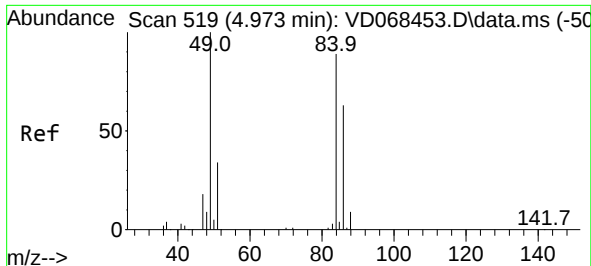


#16

Acetone
Concen: 1.57 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

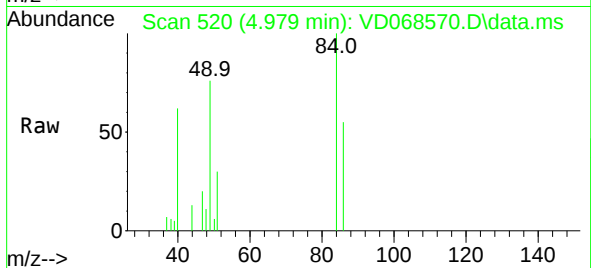
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.4



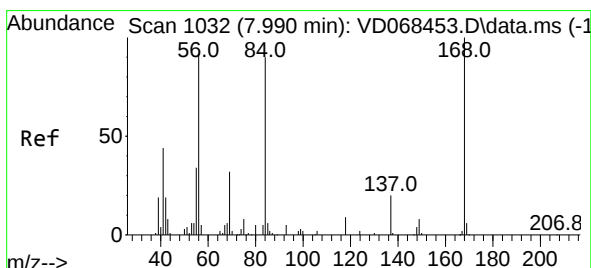
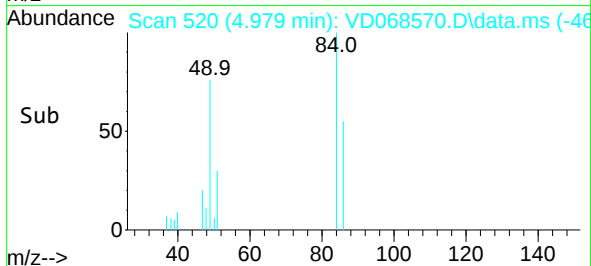
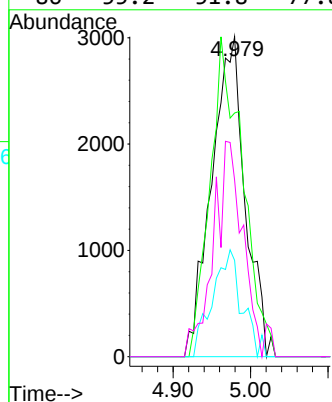


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

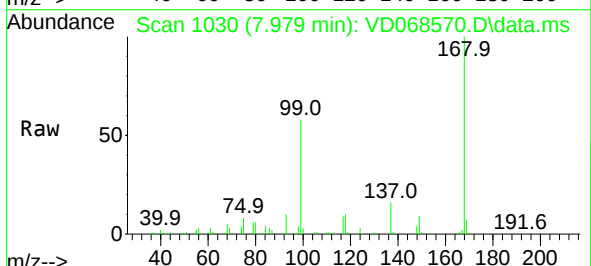
Instrument :
MSVOA_D
ClientSampled :



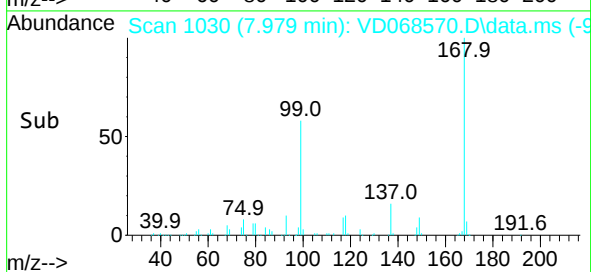
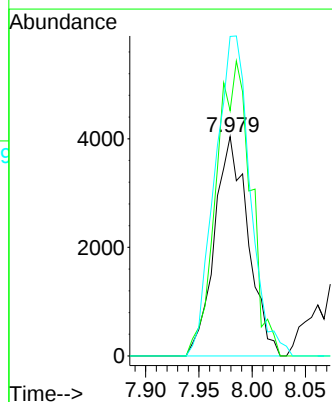
Tgt Ion:	84	Resp:	9054
Ion	Ratio	Lower	Upper
84	100		
49	76.1	77.4	116.2#
51	30.1	26.1	39.1
86	55.2	51.8	77.8

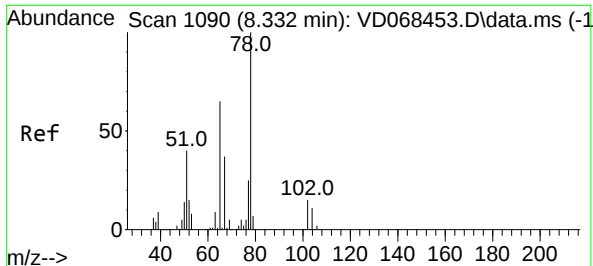


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47



Tgt Ion:	56	Resp:	8876
Ion	Ratio	Lower	Upper
56	100		
69	111.8	30.1	45.1#
84	145.6	82.1	123.1#

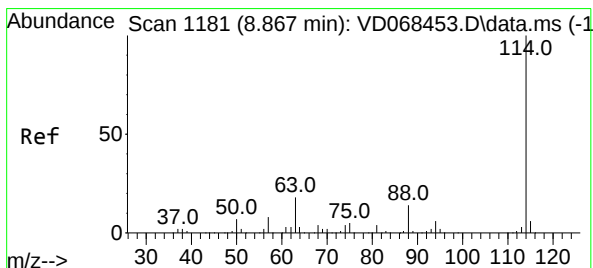
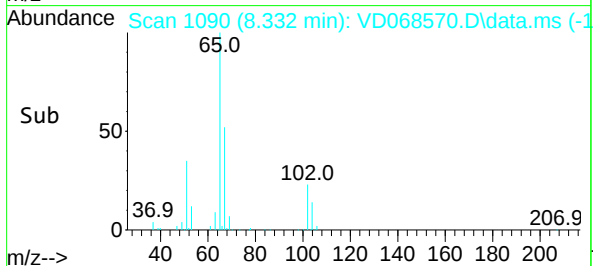
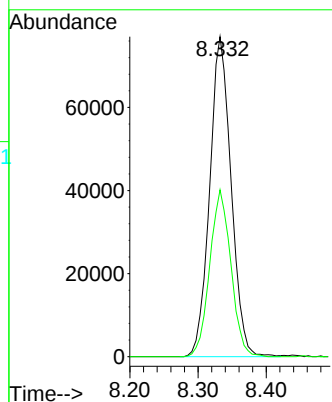
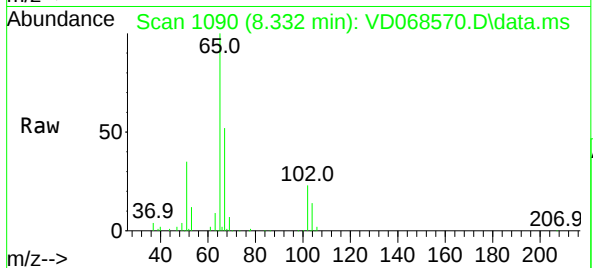




#33
1,2-Dichloroethane-d4
Concen: 51.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

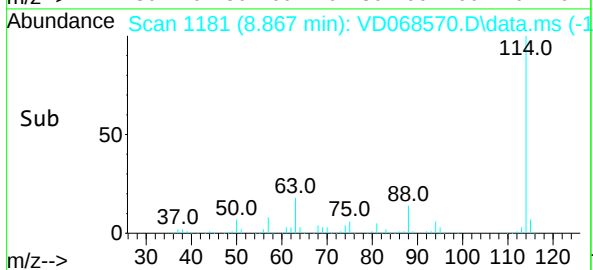
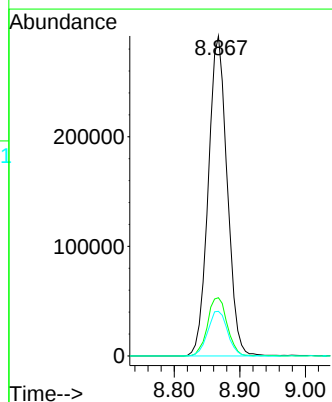
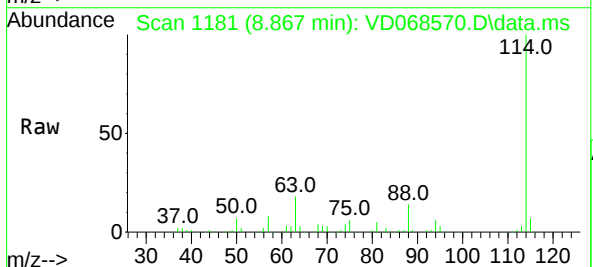
Instrument :
MSVOA_D
ClientSampled :

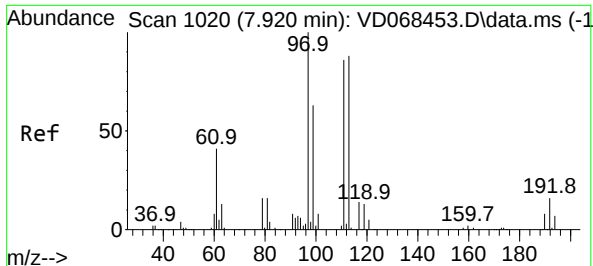
Tgt Ion: 65 Resp: 168536
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 114 Resp: 584349
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 14.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.84 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.001 min

Lab File: VD068570.D

Acq: 09 Mar 2021 10:47

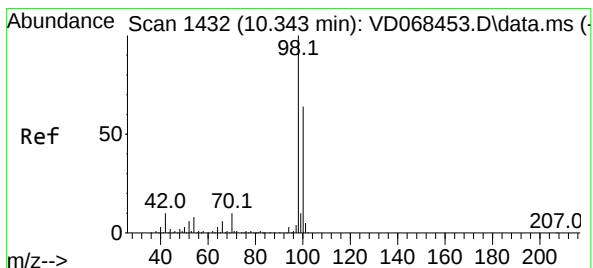
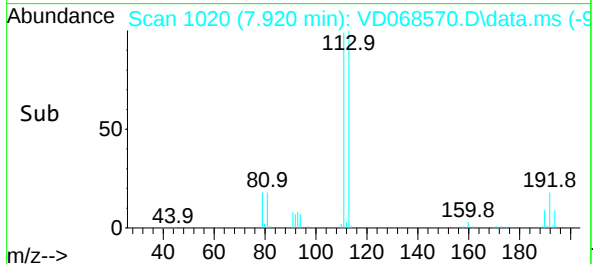
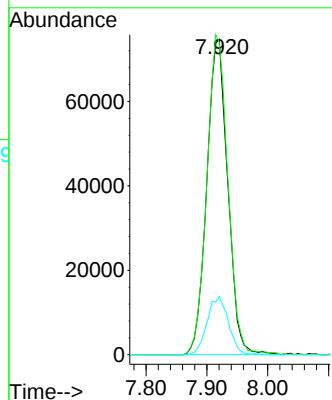
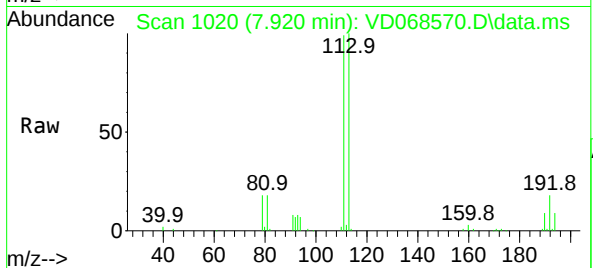
Tgt Ion:113 Resp: 178959

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.7 16.1 24.1



#50

Toluene-d8

Concen: 52.46 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.001 min

Lab File: VD068570.D

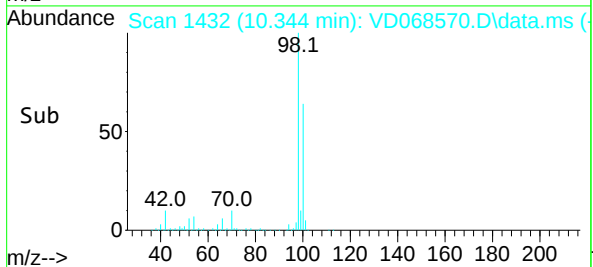
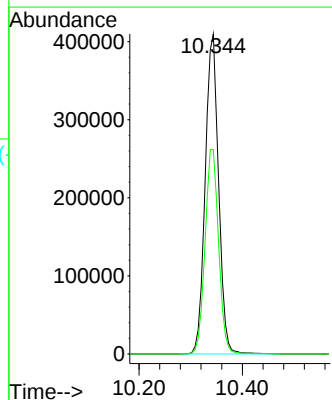
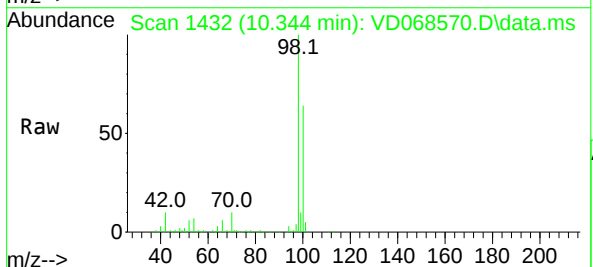
Acq: 09 Mar 2021 10:47

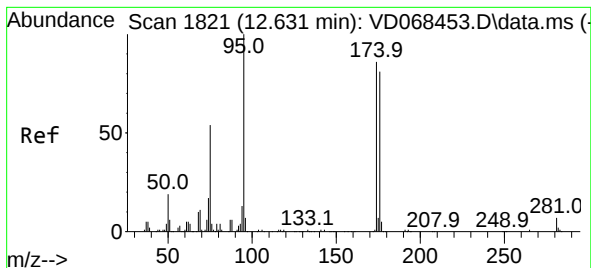
Tgt Ion: 98 Resp: 735492

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

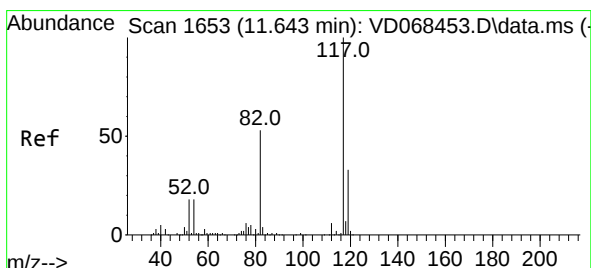
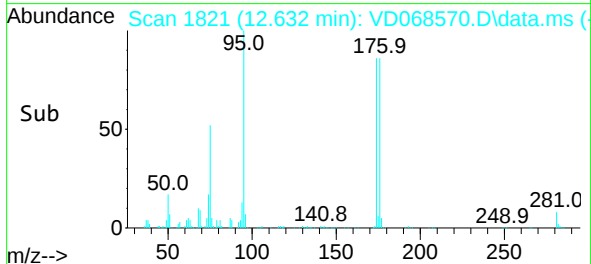
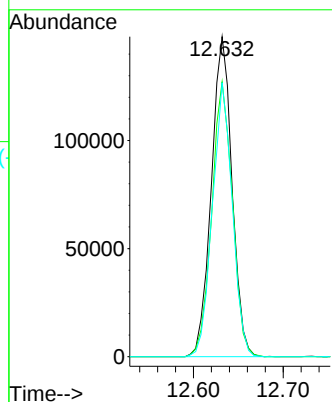
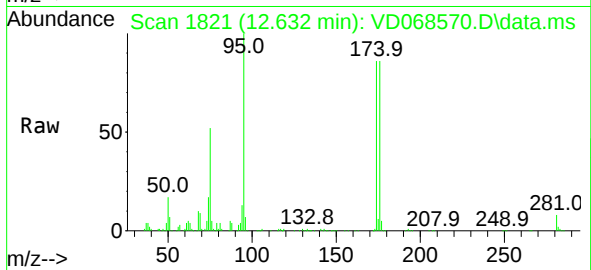




#62
4-Bromofluorobenzene
Concen: 52.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

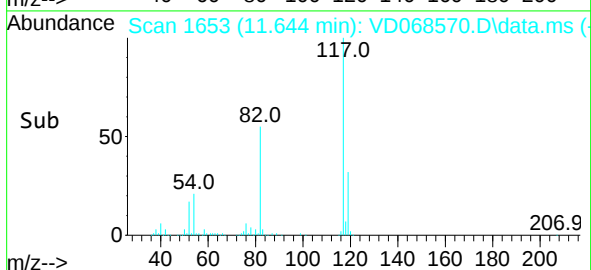
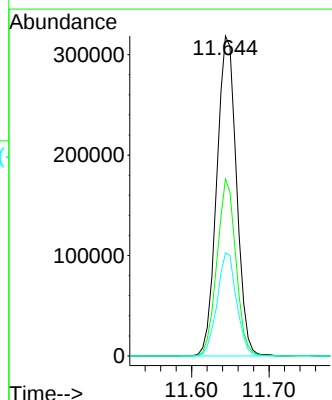
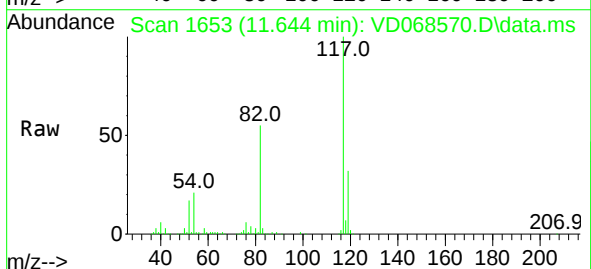
Instrument :
MSVOA_D
ClientSampled :

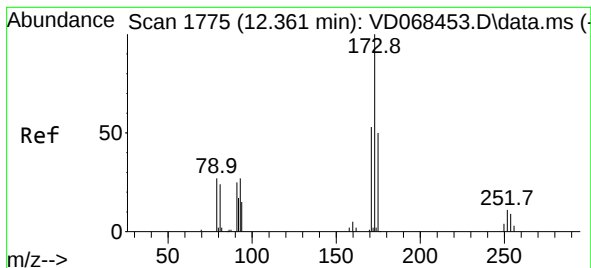
Tgt Ion: 95 Resp: 236457
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.4
176 82.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 117 Resp: 563654
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 32.2 26.1 39.1

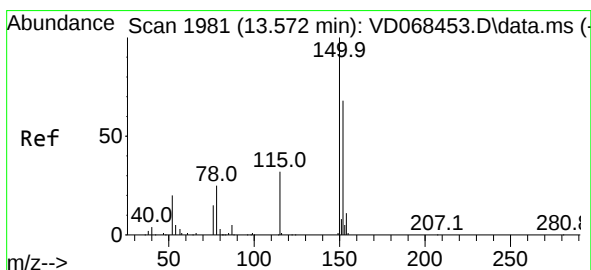
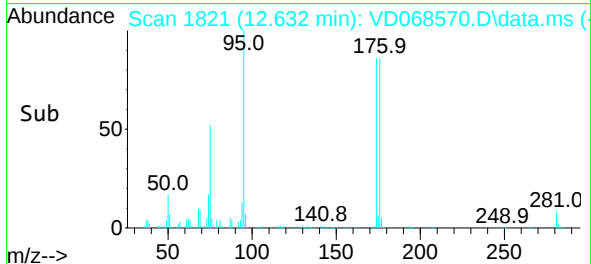
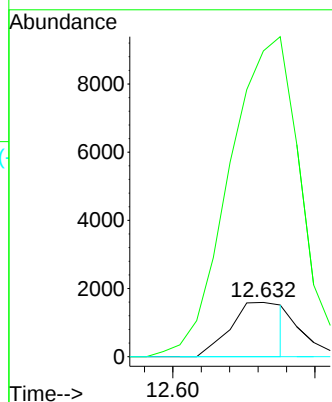
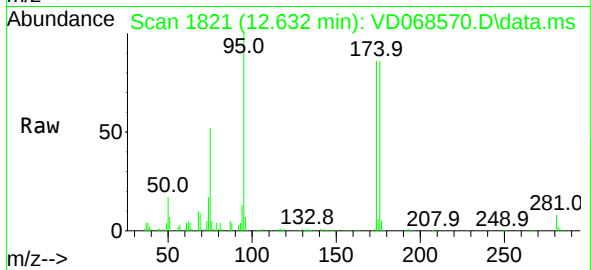




#71
Bromoform
Concen: 1.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

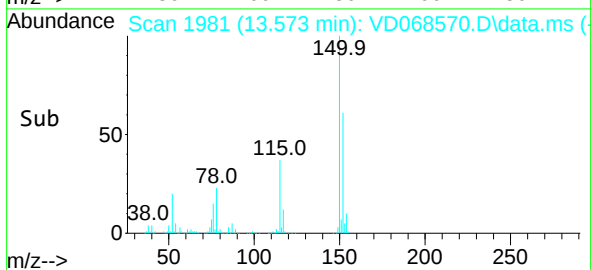
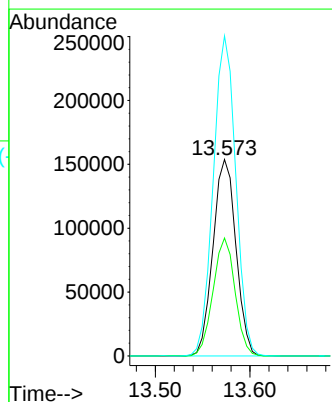
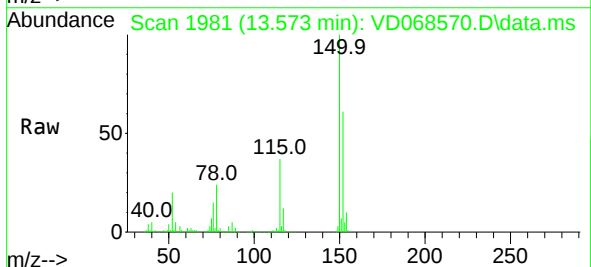
Instrument :
MSVOA_D
ClientSampleId :

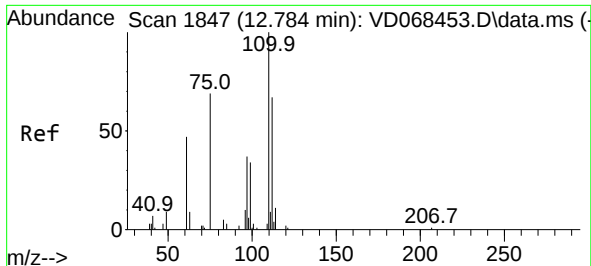
Tgt Ion:173 Resp: 2069
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Tgt Ion:152 Resp: 258823
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 159.9 0.0 344.4

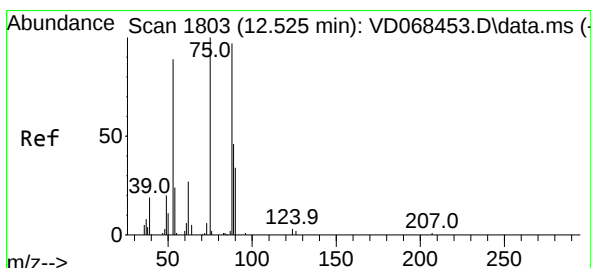
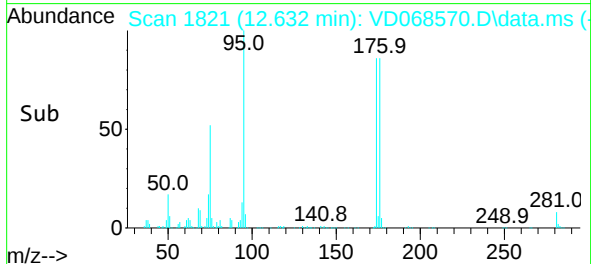
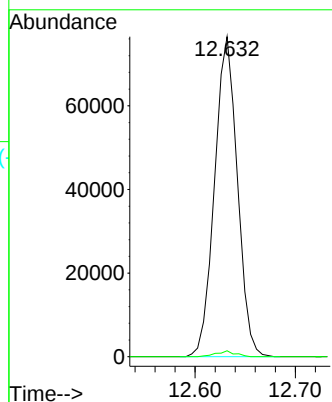
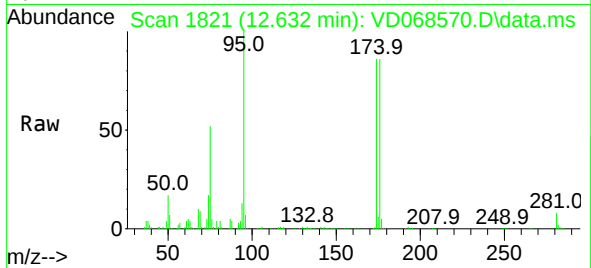




#76
1,2,3-Trichloropropane
Concen: 52.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 120998
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068570.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 75 Resp: 120998
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

