

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068640.D
 Acq On : 17 Mar 2021 16:21
 Operator : VA/SY
 Sample : M1689-01
 Misc : 5.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

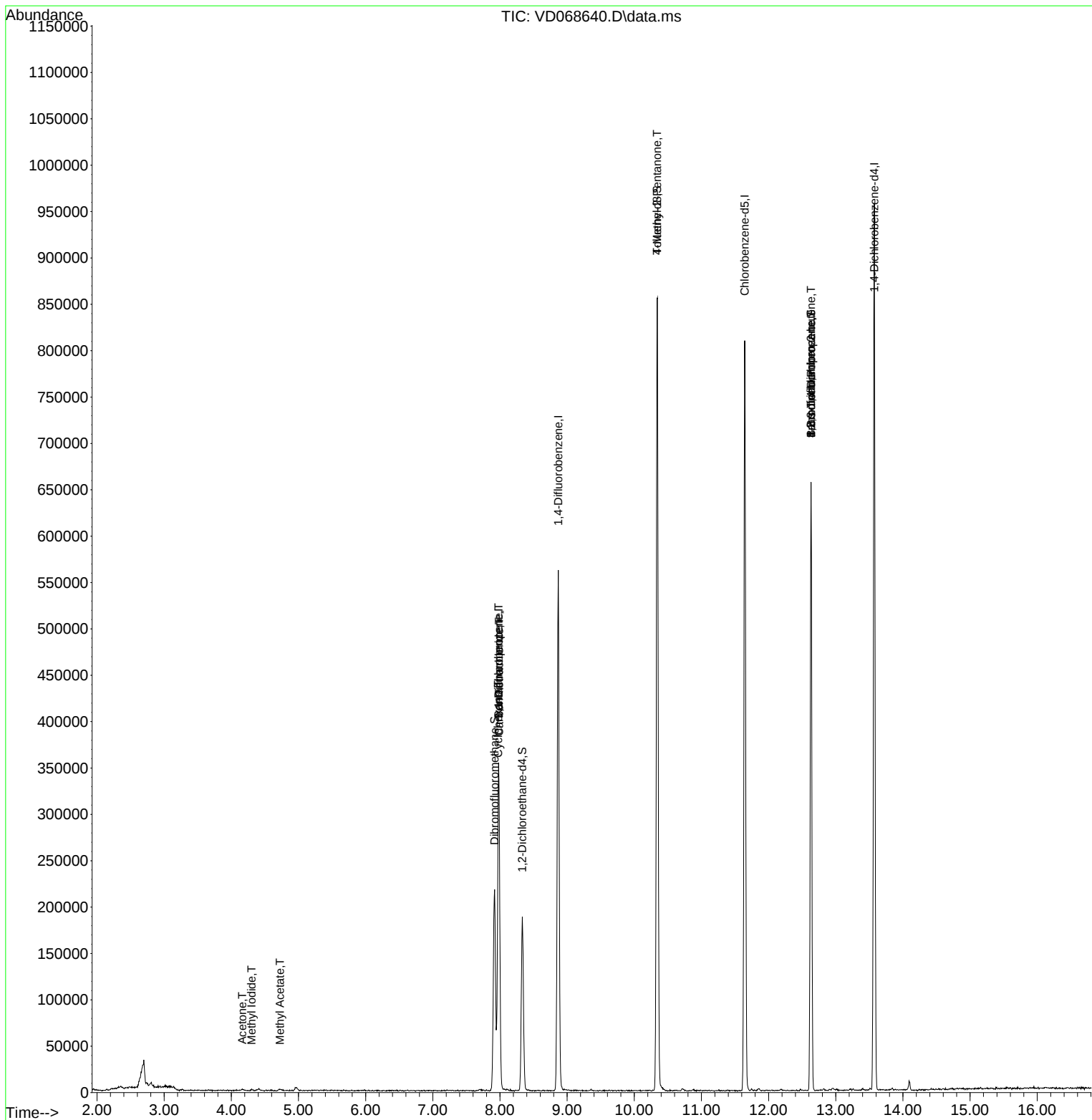
Quant Time: Mar 18 00:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

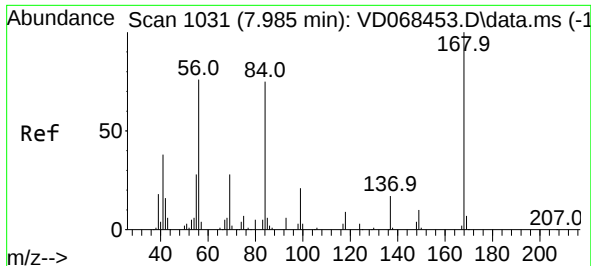
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	271452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	491724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	253756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	148771	54.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.70%			
35) Dibromofluoromethane	7.920	113	153368	51.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.28%			
50) Toluene-d8	10.338	98	612172	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.50%			
62) 4-Bromofluorobenzene	12.632	95	208842	54.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.56%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	1215	2.97	ug/l #	79
16) Acetone	4.162	43	2490	5.78	ug/l	100
18) Methyl Acetate	4.726	43	3241	2.92	ug/l #	71
20) Methylene Chloride	4.950	84	2929	Below Cal	#	78
31) Cyclohexane	7.973	56	5371	1.09	ug/l #	2
36) 1,1-Dichloropropene	7.979	75	20519	4.38	ug/l #	48
38) Carbon Tetrachloride	7.985	117	27040	6.14	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	2318	1.55	ug/l #	1
71) Bromoform	12.632	173	2197	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	106628	47.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	106628	110.46	ug/l #	14

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

Quant Time: Mar 18 00:56:43 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

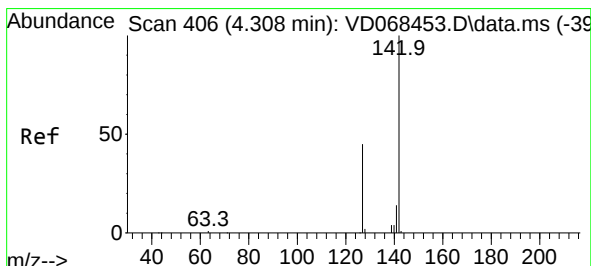
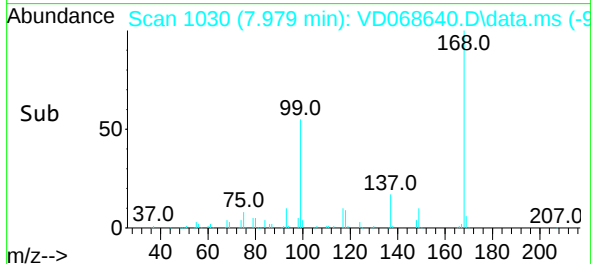
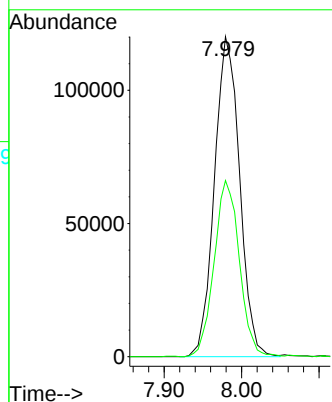
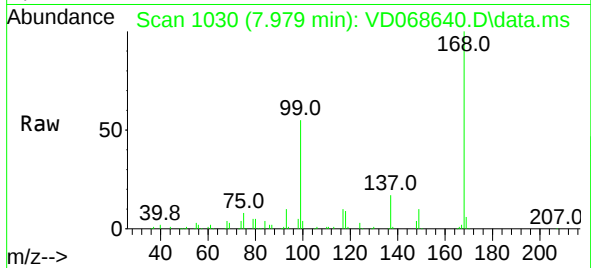




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

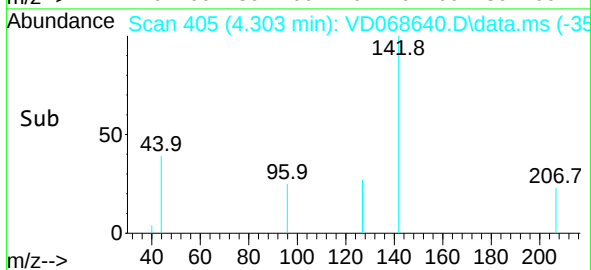
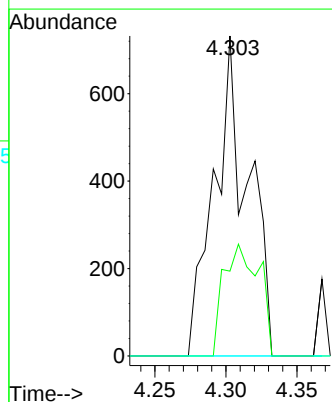
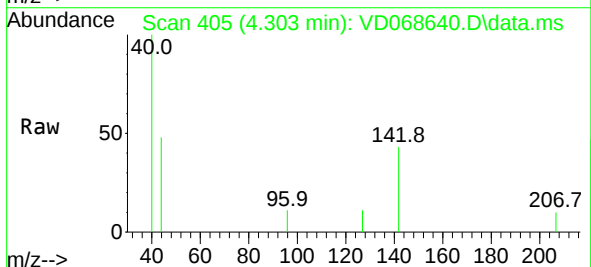
Instrument :
MSVOA_D
ClientSampled :

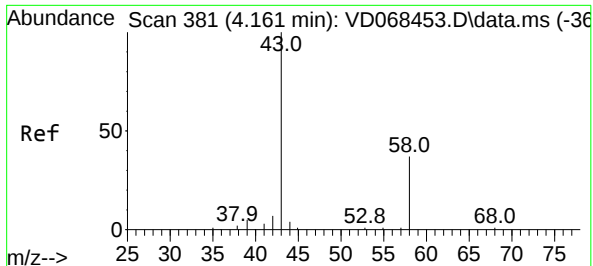
Tgt Ion:168 Resp: 271452
Ion Ratio Lower Upper
168 100
99 55.1 43.5 65.3



#10
Methyl Iodide
Concen: 2.97 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

Tgt Ion:142 Resp: 1215
Ion Ratio Lower Upper
142 100
127 36.4 37.9 56.9#
141 0.0 11.5 17.3#

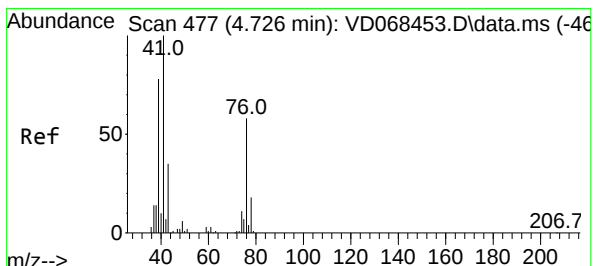
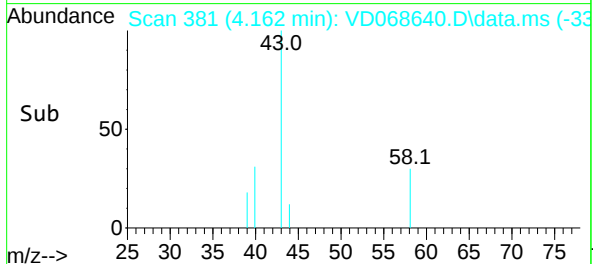
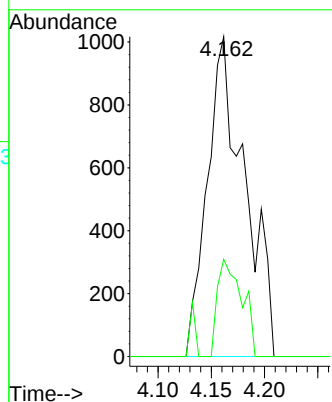
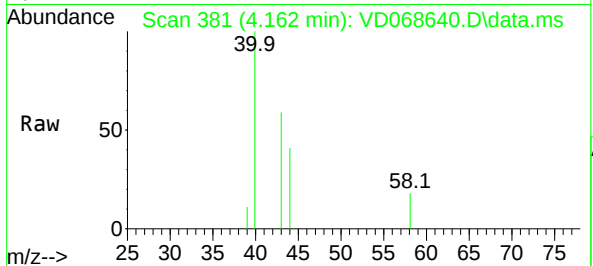




#16
Acetone
Concen: 5.78 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

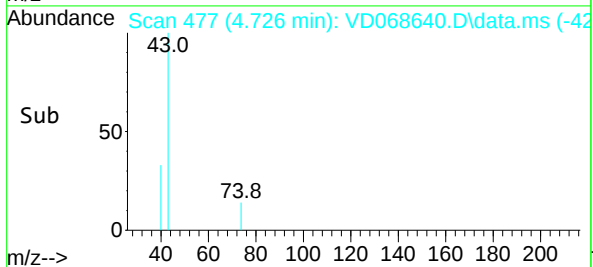
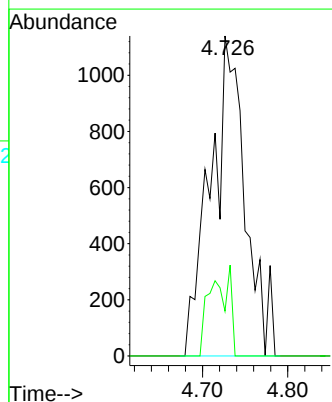
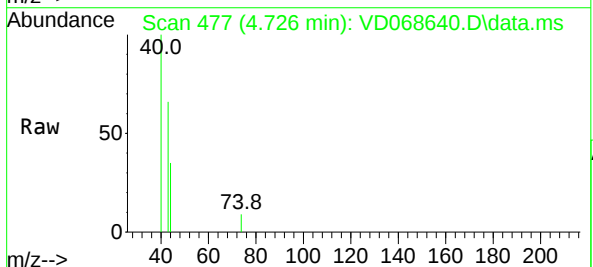
Instrument :
MSVOA_D
ClientSampled :

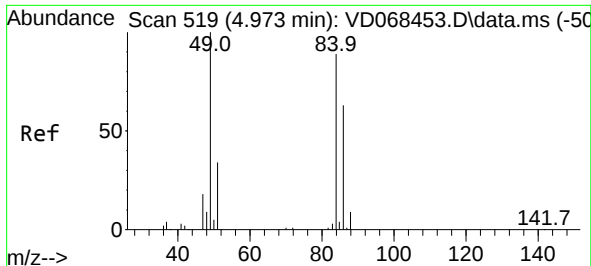
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4



#18
Methyl Acetate
Concen: 2.92 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

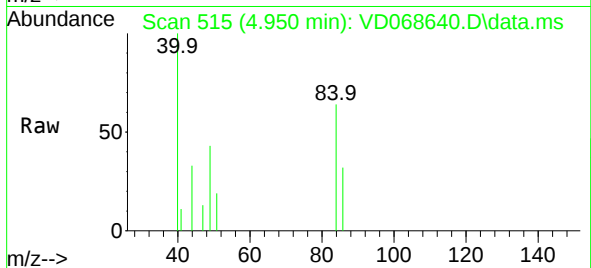
Tgt Ion: 43 Resp: 3241
Ion Ratio Lower Upper
43 100
74 15.6 25.4 38.0#



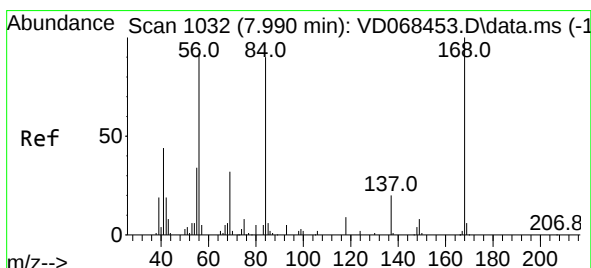
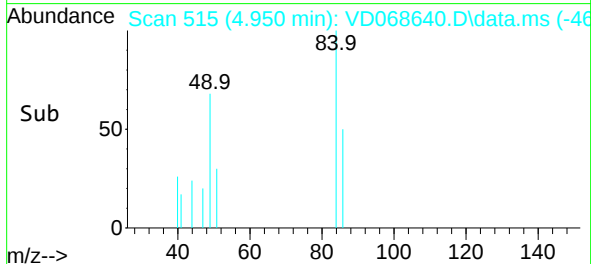
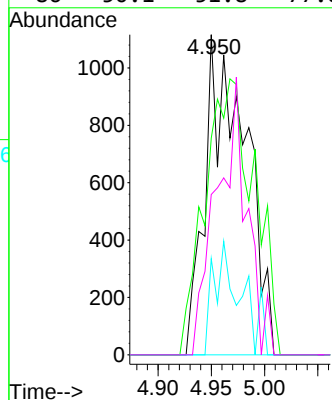


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.023 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

Instrument :
MSVOA_D
ClientSampled :

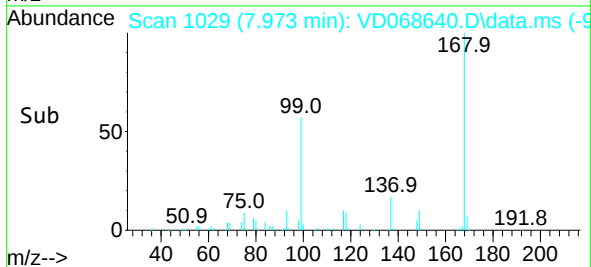
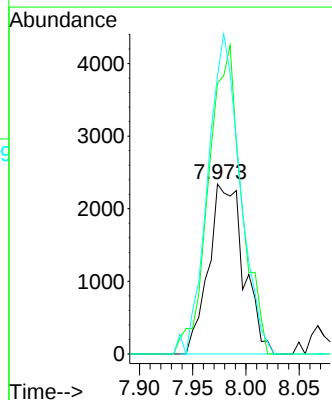
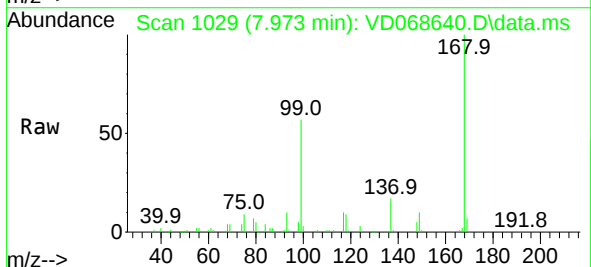


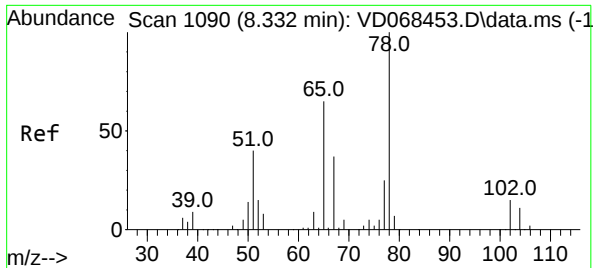
Tgt Ion:	84	Resp:	2929
Ion	Ratio	Lower	Upper
84	100		
49	67.7	77.4	116.2#
51	30.0	26.1	39.1
86	50.1	51.8	77.8#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

Tgt Ion:	56	Resp:	5371
Ion	Ratio	Lower	Upper
56	100		
69	159.0	30.1	45.1#
84	163.5	82.1	123.1#

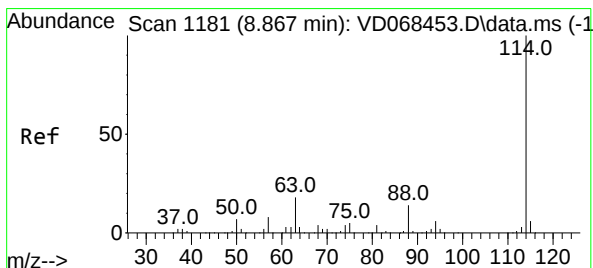
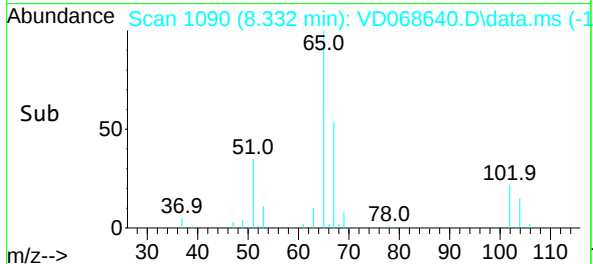
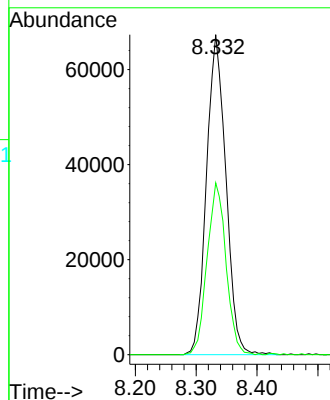
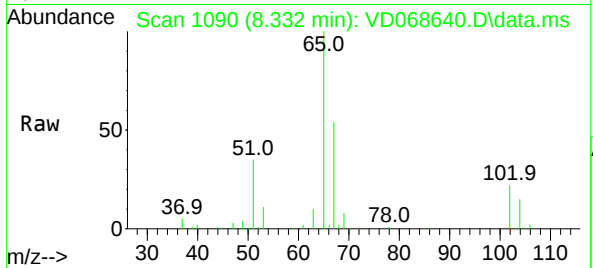




#33
1,2-Dichloroethane-d4
Concen: 54.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

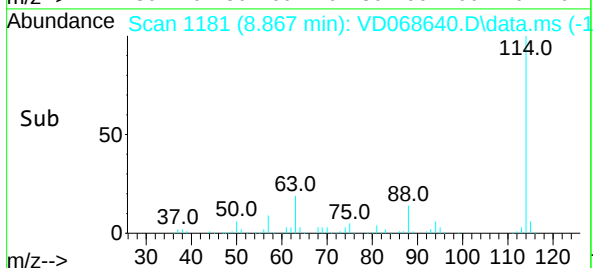
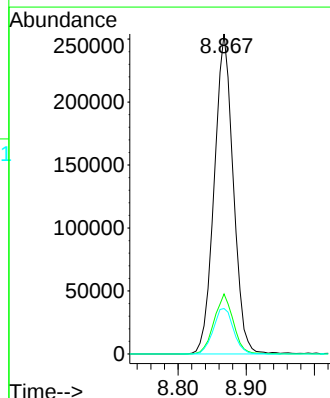
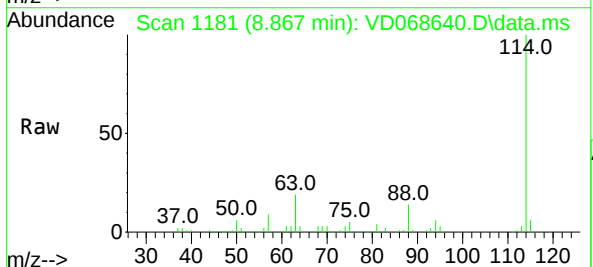
Instrument :
MSVOA_D
ClientSampled :

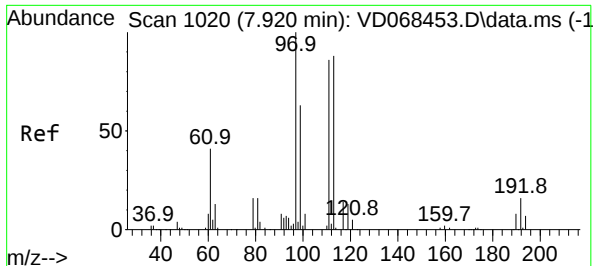
Tgt Ion: 65 Resp: 148771
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

Tgt Ion: 114 Resp: 493040
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 14.2 0.0 31.6

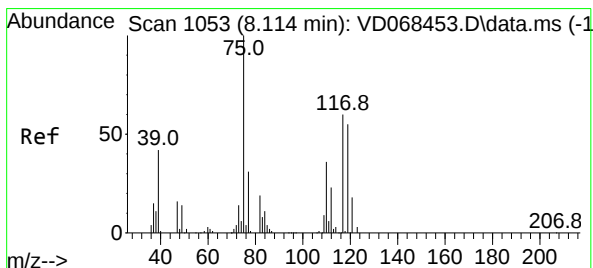
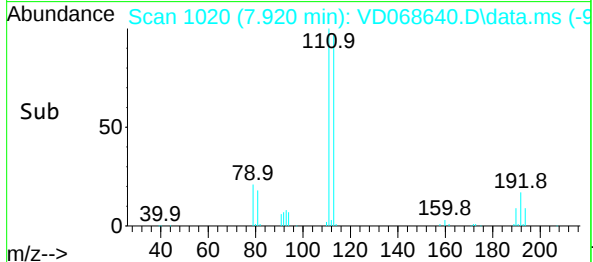
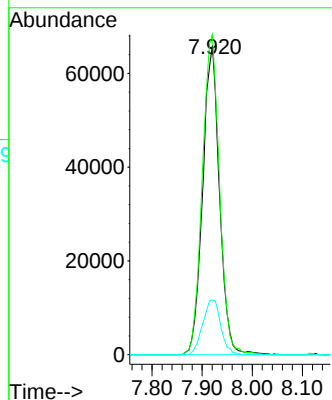
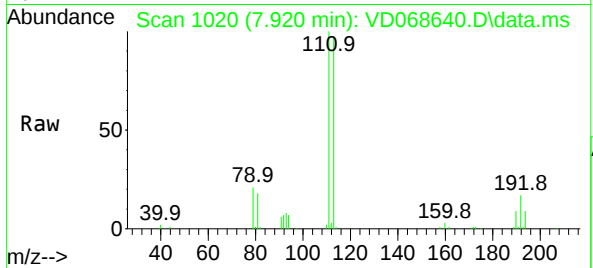




#35
Dibromofluoromethane
Concen: 51.64 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

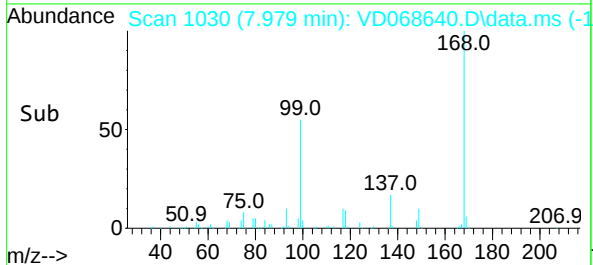
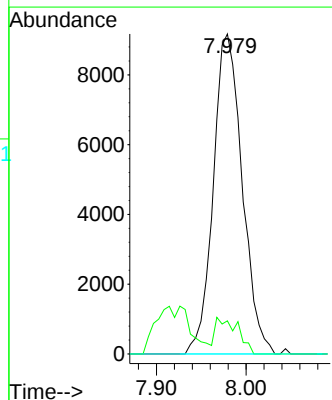
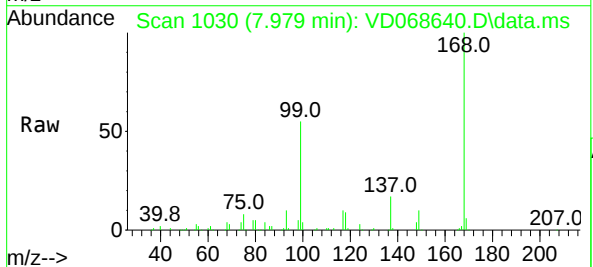
Instrument :
MSVOA_D
ClientSampleId :

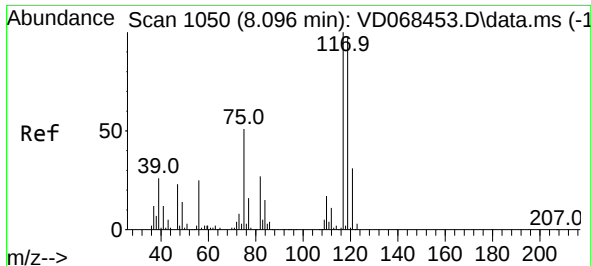
Tgt Ion:113 Resp: 153368
Ion Ratio Lower Upper
113 100
111 106.0 81.4 122.0
192 19.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

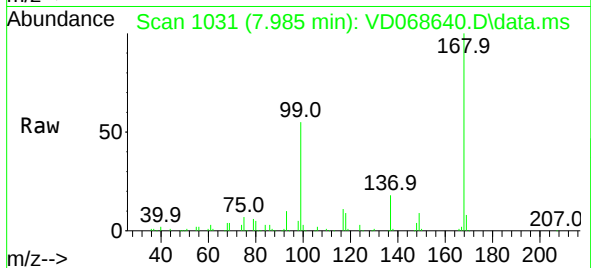
Tgt Ion: 75 Resp: 20519
Ion Ratio Lower Upper
75 100
110 9.2 19.4 58.2#
77 0.0 25.3 37.9#



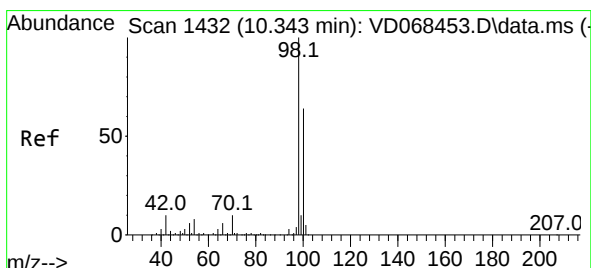
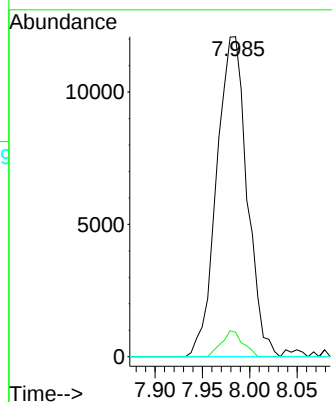
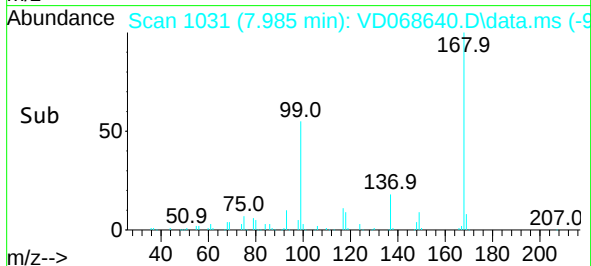


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

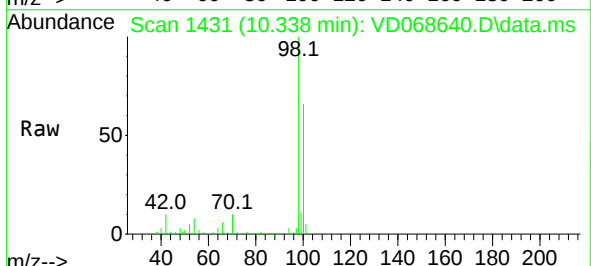
Instrument :
MSVOA_D
ClientSampleId :



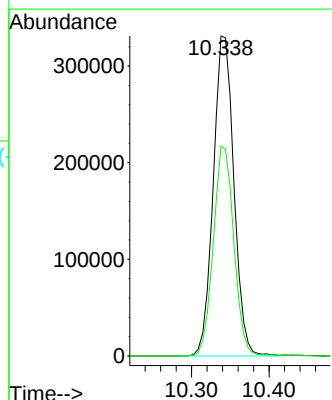
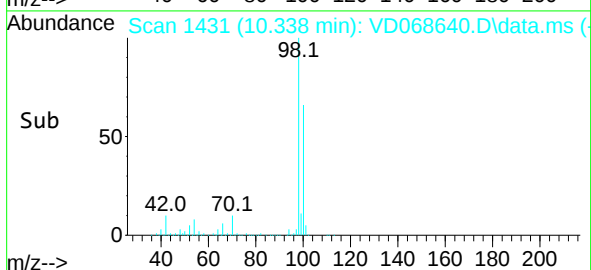
Tgt Ion:117 Resp: 27040
Ion Ratio Lower Upper
117 100
119 7.7 77.3 115.9#
121 0.0 24.7 37.1#

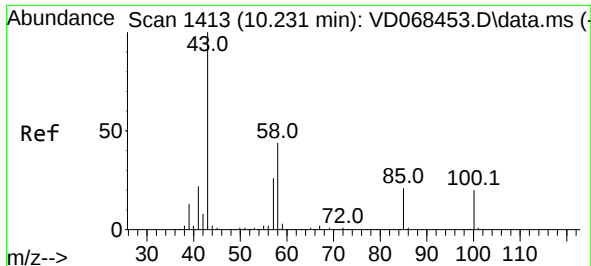


#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21



Tgt Ion: 98 Resp: 612172
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

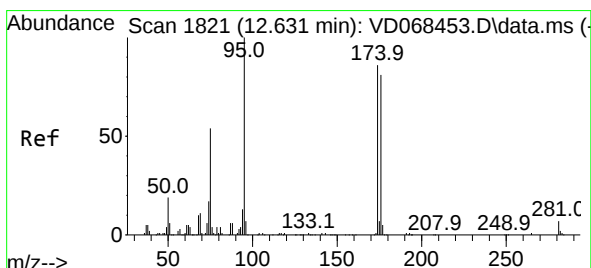
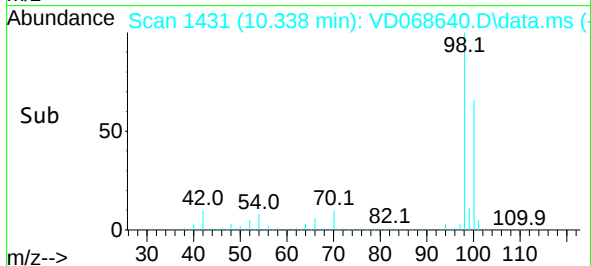
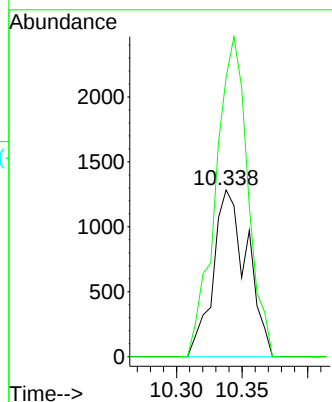
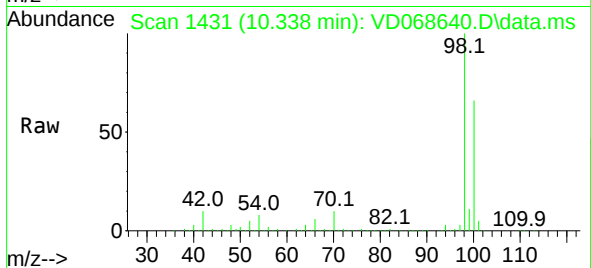




#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

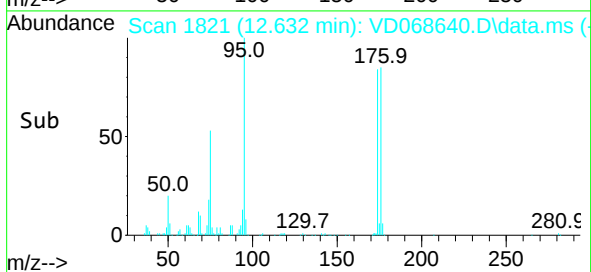
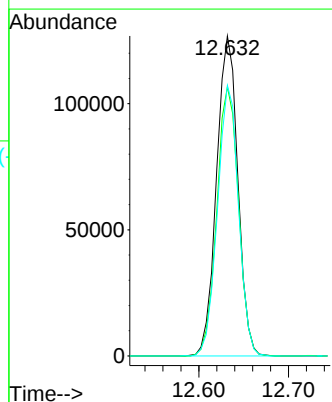
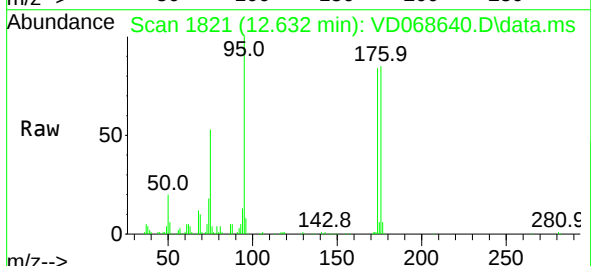
Instrument :
MSVOA_D
ClientSampled :

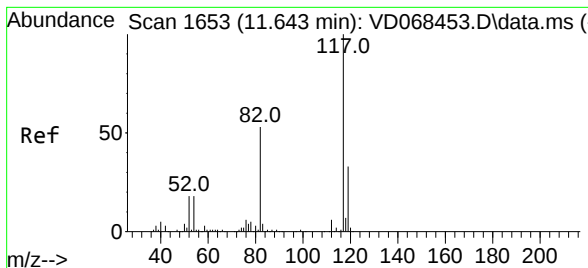
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 181.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 54.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

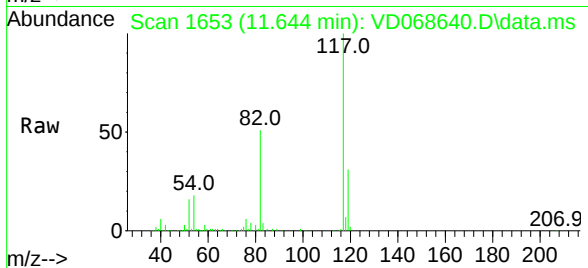
Tgt Ion: 95 Resp: 208842
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.4
176 83.5 0.0 168.4



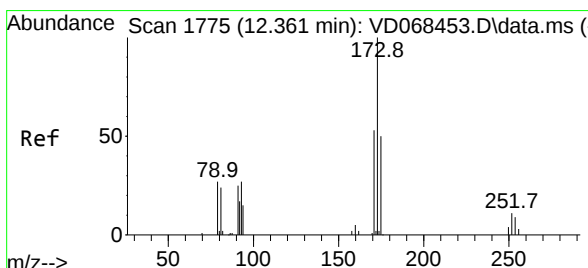
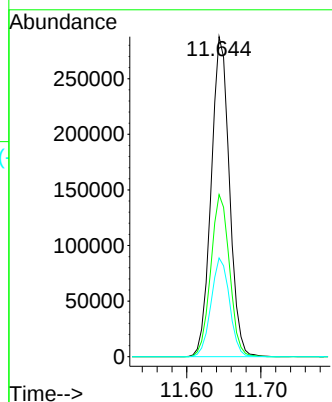
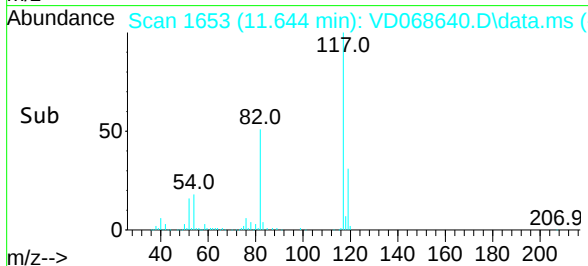


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21

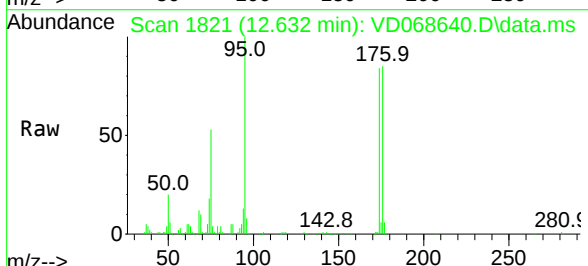
Instrument :
MSVOA_D
ClientSampled :



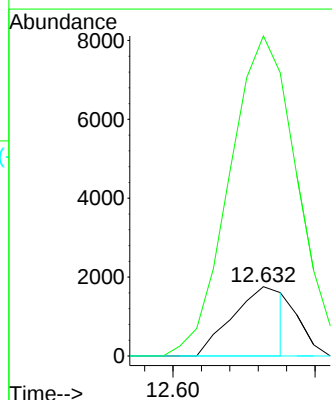
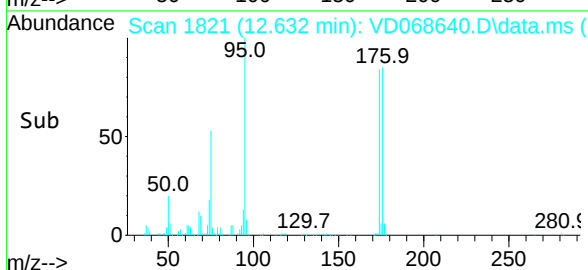
Tgt Ion:117 Resp: 491724
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.0
119 30.8 26.1 39.1

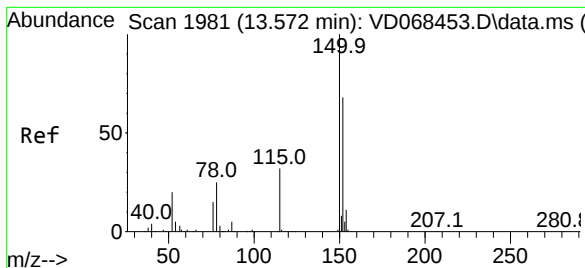


#71
Bromoform
Concen: 1.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068640.D
Acq: 17 Mar 2021 16:21



Tgt Ion:173 Resp: 2197
Ion Ratio Lower Upper
173 100
175 485.4 24.6 73.8#
254 0.0 0.0 0.0

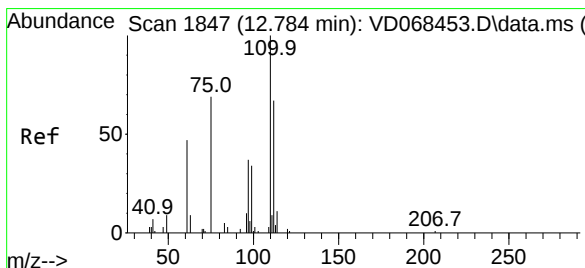
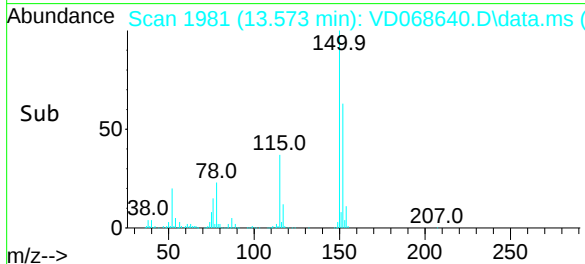
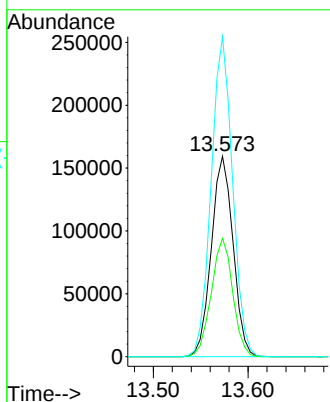
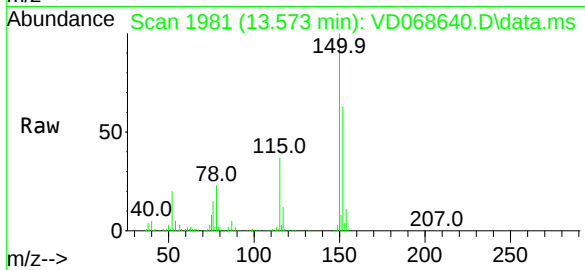




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068640.D
 Acq: 17 Mar 2021 16:21

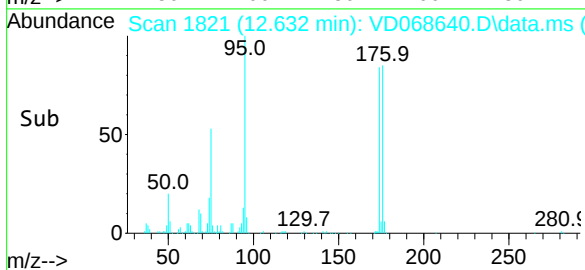
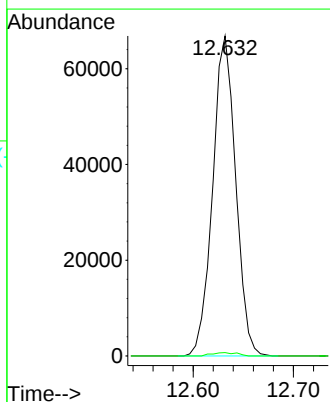
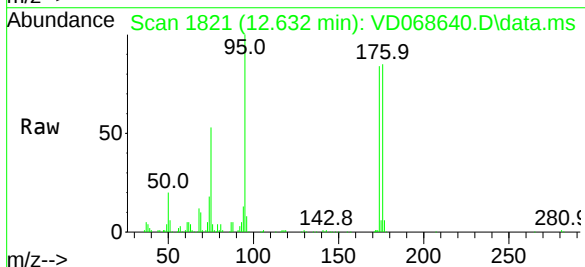
Instrument :
 MSVOA_D
 ClientSampleId :

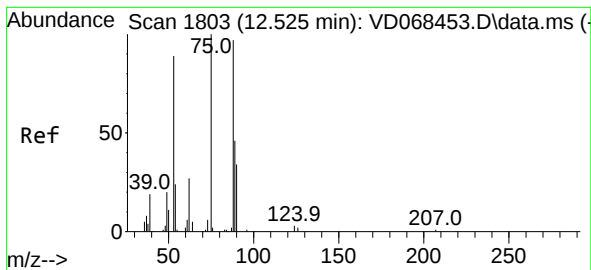
Tgt Ion:152 Resp: 253756
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.9 86.8
 150 156.8 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 47.33 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068640.D
 Acq: 17 Mar 2021 16:21

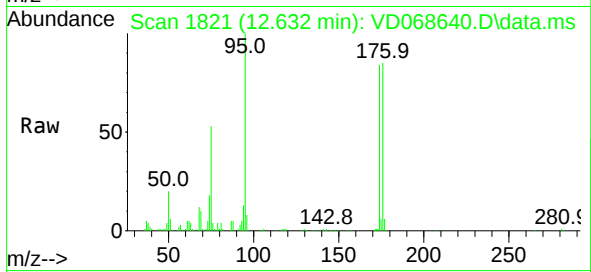
Tgt Ion: 75 Resp: 106628
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.46 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068640.D
 Acq: 17 Mar 2021 16:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 106628
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.1 40.3 60.5#

