

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068703.D
 Acq On : 29 Mar 2021 17:31
 Operator : VA/SY
 Sample : M1810-02RE
 Misc : 7.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600486548-BIN-1

Quant Time: Mar 30 01:06:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

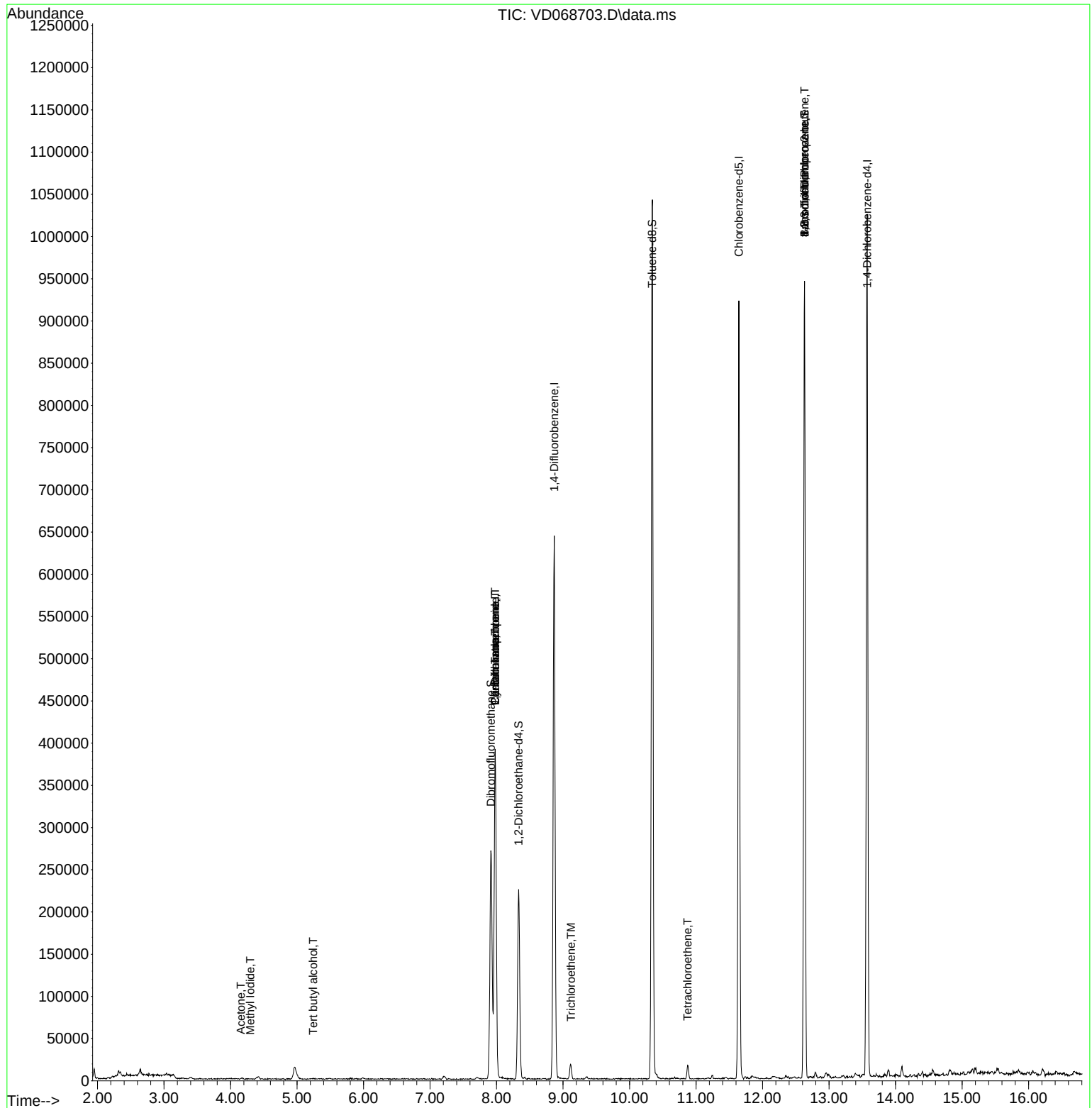
Internal Standards						
1) Pentafluorobenzene	7.979	168	293841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	585233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	535209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	273304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173999	58.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.44%			
35) Dibromofluoromethane	7.914	113	196225	53.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.78%			
50) Toluene-d8	10.338	98	736141	52.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.88%			
62) 4-Bromofluorobenzene	12.632	95	264137	58.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.06%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	101	3.50	ug/l #	41
11) Tert butyl alcohol	5.244	59	334	2.45	ug/l #	73
16) Acetone	4.156	43	808	2.25	ug/l #	40
20) Methylene Chloride	4.961	84	12215	Below Cal		89
31) Cyclohexane	7.979	56	6563	1.37	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	24071	4.61	ug/l #	48
38) Carbon Tetrachloride	7.979	117	29973	5.75	ug/l #	15
44) Trichloroethene	9.120	130	6879	1.63	ug/l	73
64) Tetrachloroethene	10.873	164	3548	1.02	ug/l #	86
71) Bromoform	12.632	173	2256	1.13	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	133696	58.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	133696	133.72	ug/l #	16

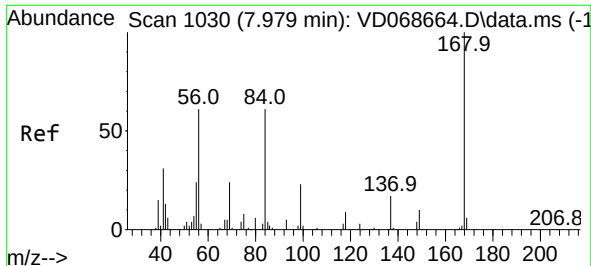
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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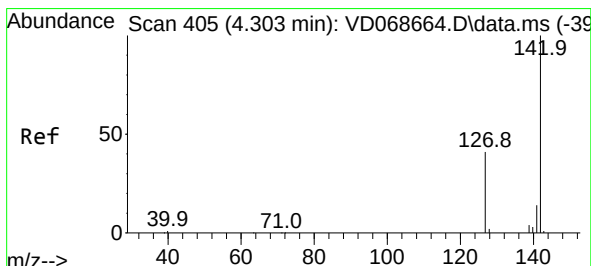
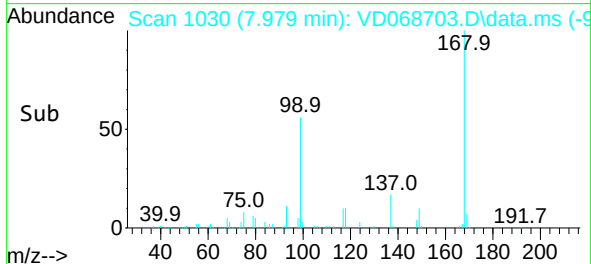
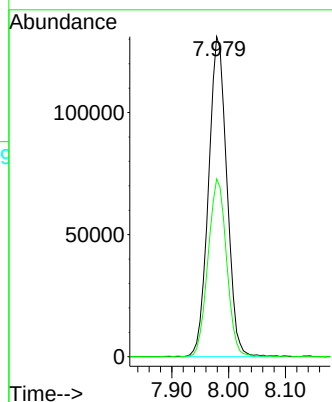
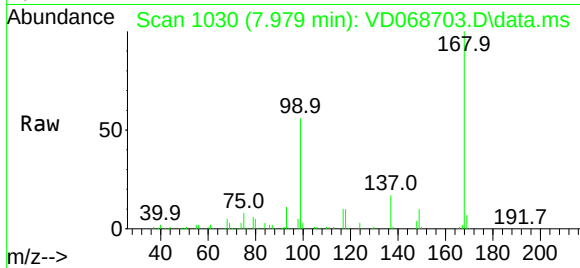




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

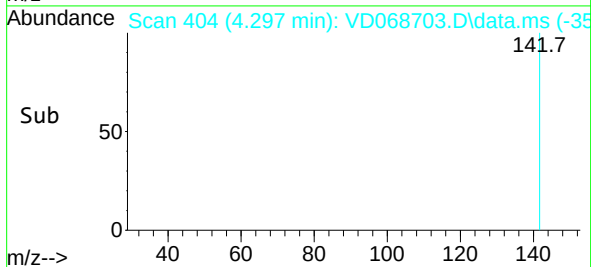
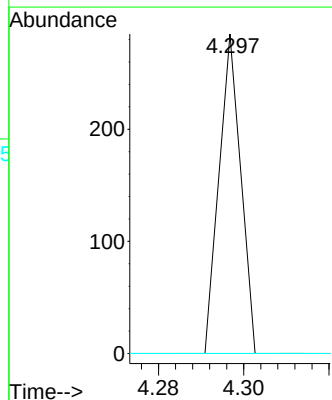
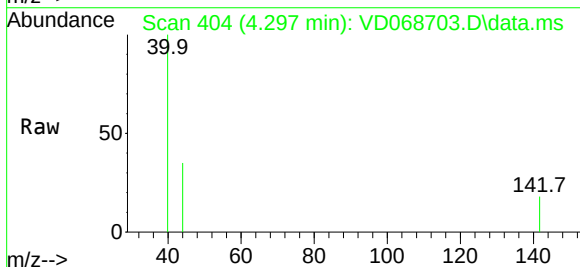
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

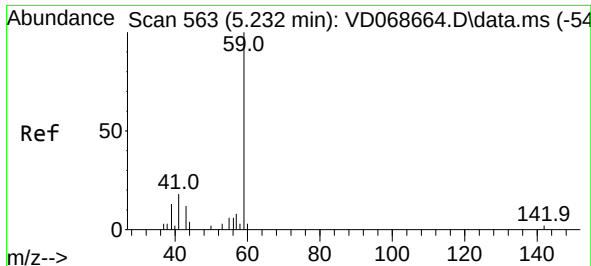
Tgt Ion:168 Resp: 293841
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

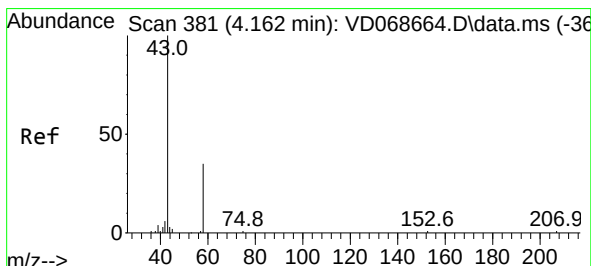
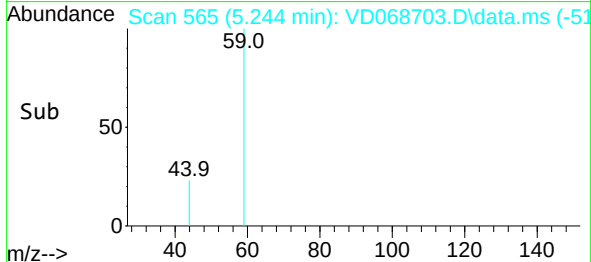
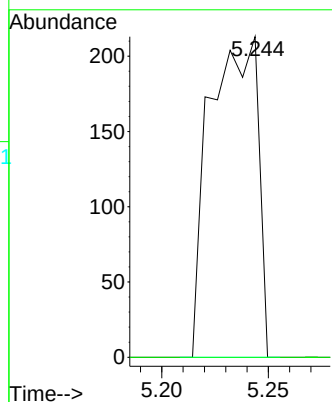
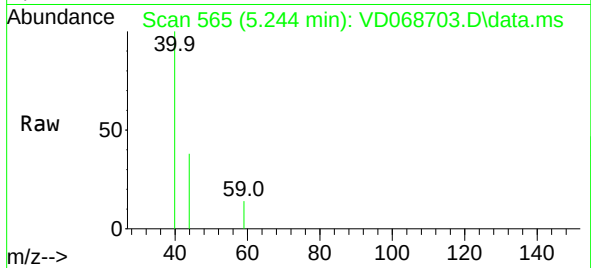




#11
Tert butyl alcohol
Concen: 2.45 ug/l
RT: 5.244 min Scan# 565
Delta R.T. 0.012 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

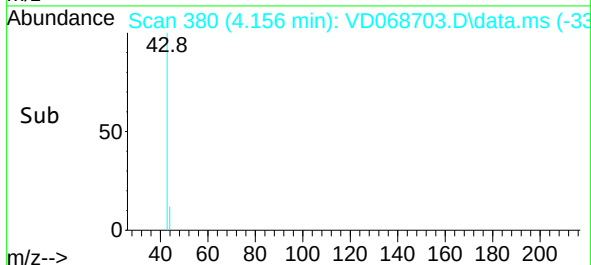
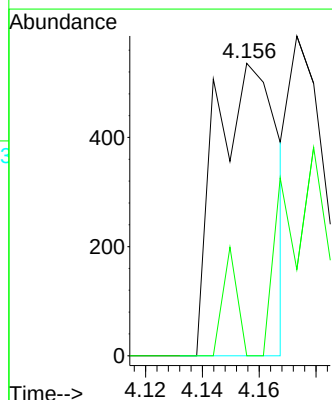
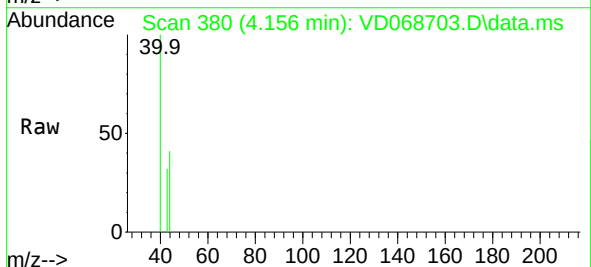
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

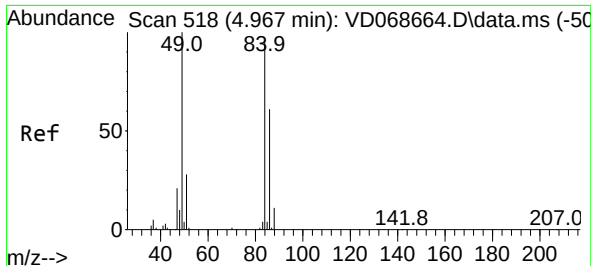
Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.25 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

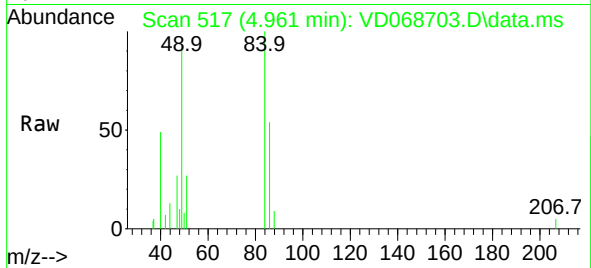
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



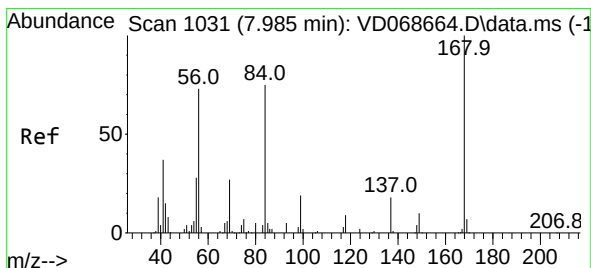
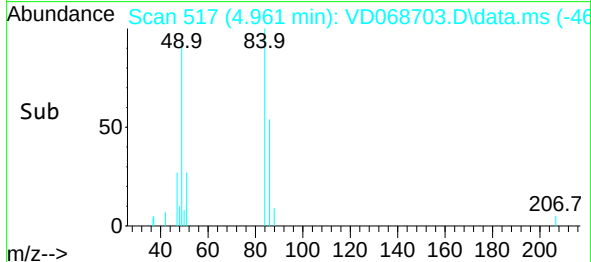
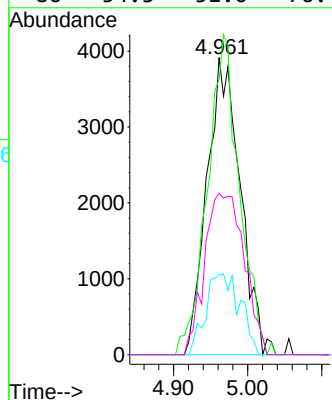


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

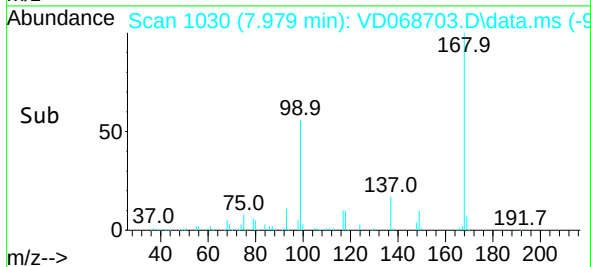
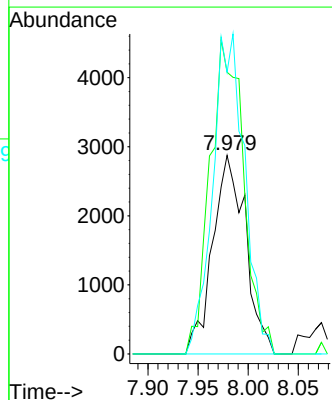
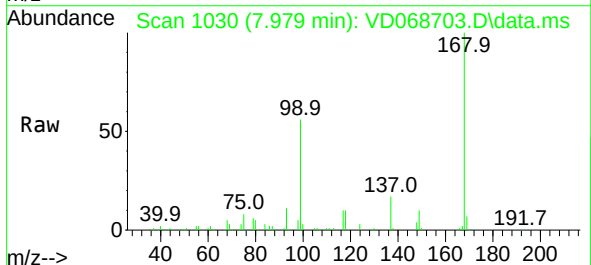


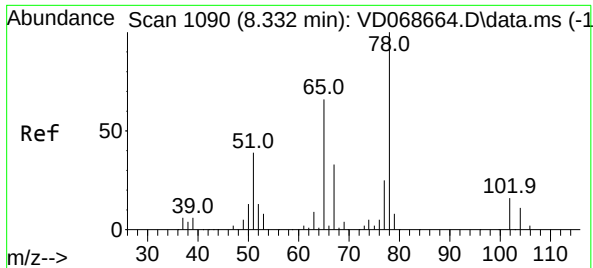
Tgt Ion:	84	Resp:	12215
Ion	Ratio	Lower	Upper
84	100		
49	92.6	83.4	125.0
51	26.9	23.4	35.2
86	54.3	51.0	76.4



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion:	56	Resp:	6563
Ion	Ratio	Lower	Upper
56	100		
69	141.9	30.0	45.0#
84	141.9	82.0	123.0#

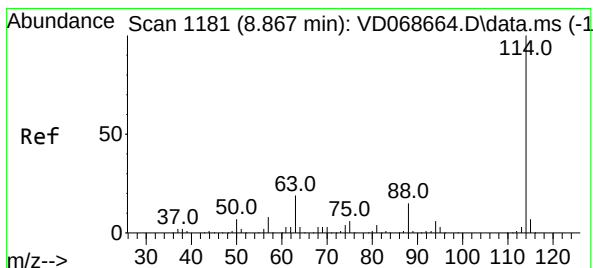
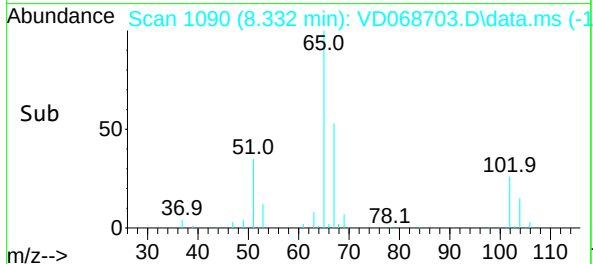
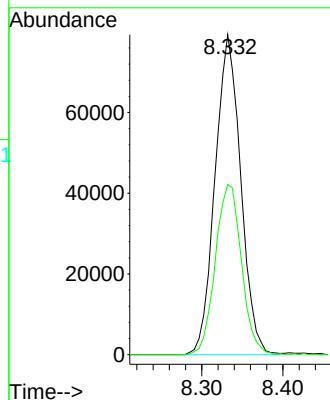
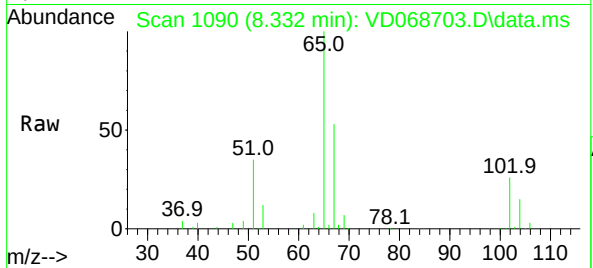




#33
1,2-Dichloroethane-d4
Concen: 58.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

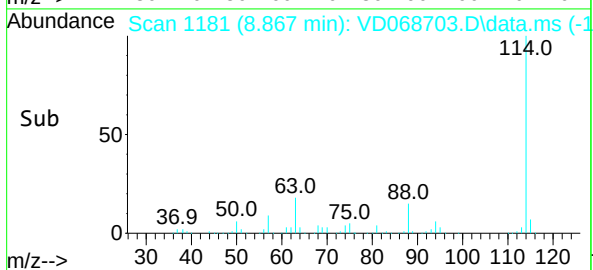
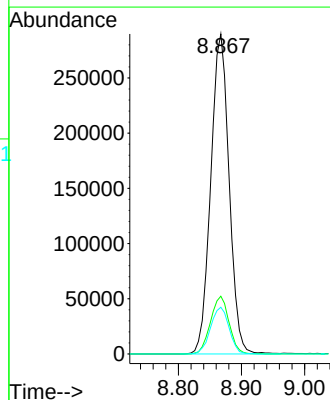
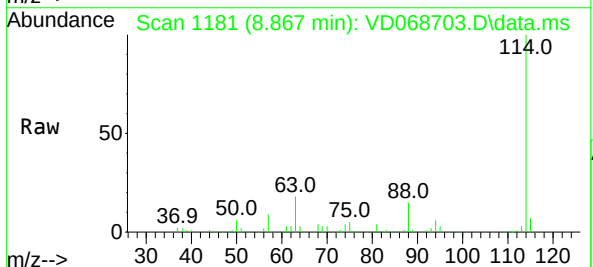
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

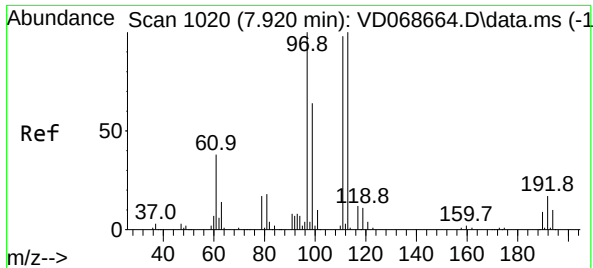
Tgt Ion: 65 Resp: 173999
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion: 114 Resp: 585233
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.6 0.0 29.4

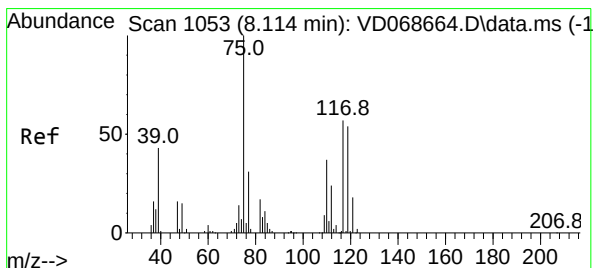
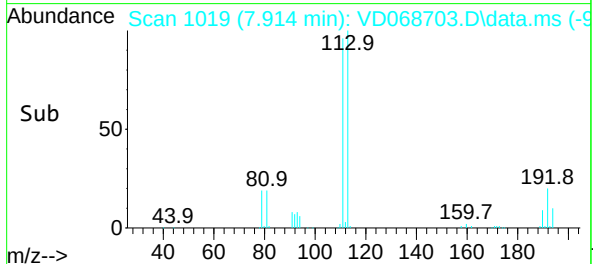
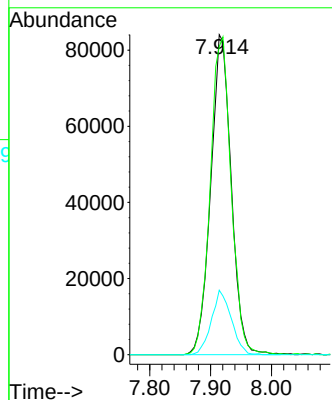
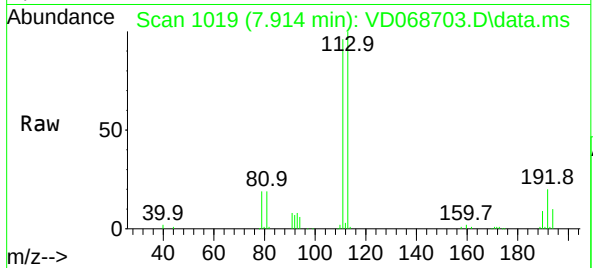




#35
Dibromofluoromethane
Concen: 53.89 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

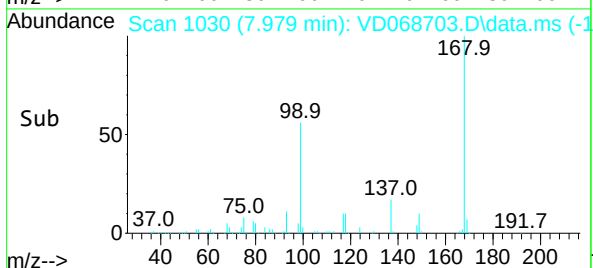
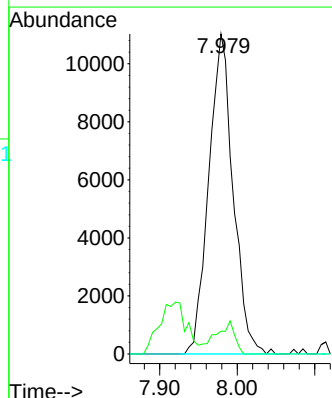
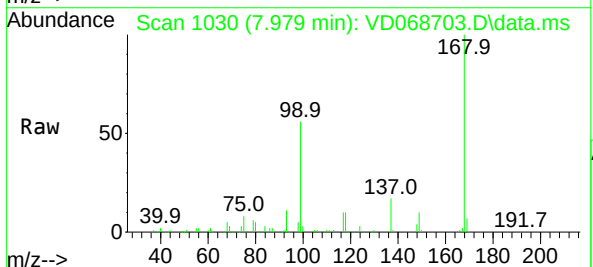
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

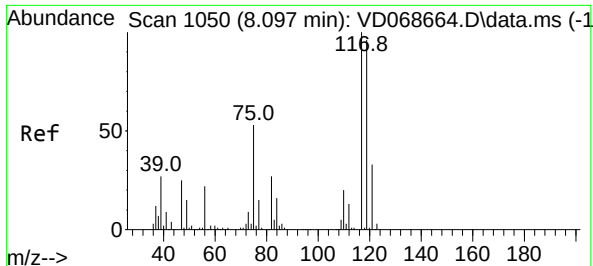
Tgt Ion:113 Resp: 196225
Ion Ratio Lower Upper
113 100
111 101.8 82.5 123.7
192 19.6 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

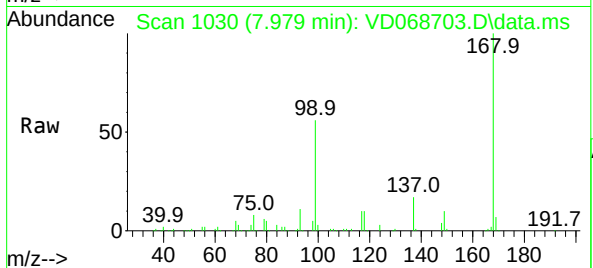
Tgt Ion: 75 Resp: 24071
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 24.7 37.1#



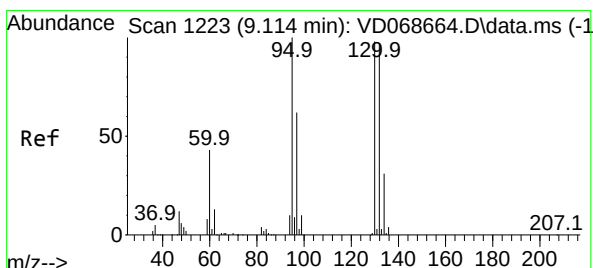
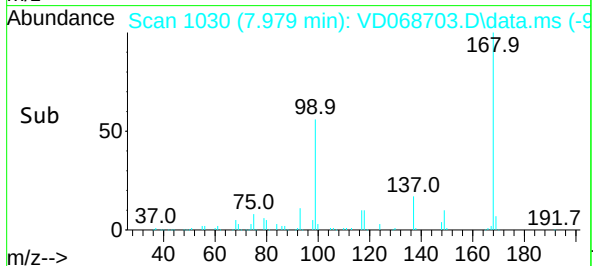
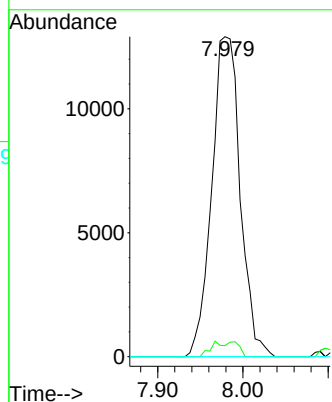


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

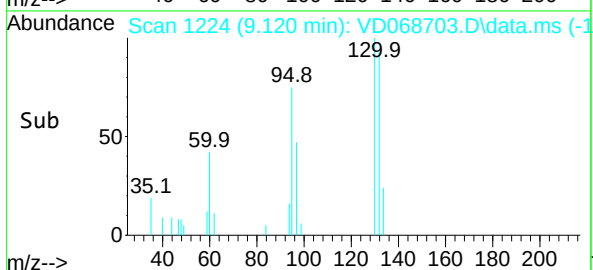
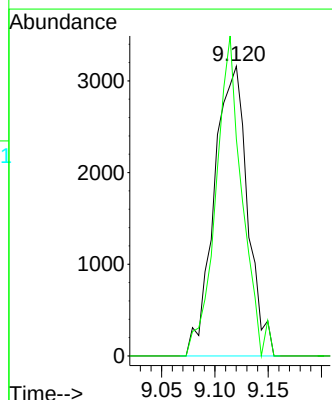
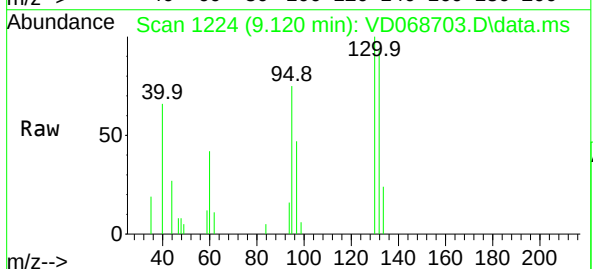


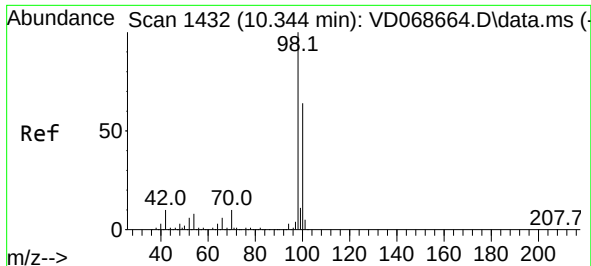
Tgt Ion:117 Resp: 29973
Ion Ratio Lower Upper
117 100
119 3.4 76.6 115.0#
121 0.0 26.1 39.1#



#44
Trichloroethene
Concen: 1.63 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion:130 Resp: 6879
Ion Ratio Lower Upper
130 100
95 74.9 0.0 203.8

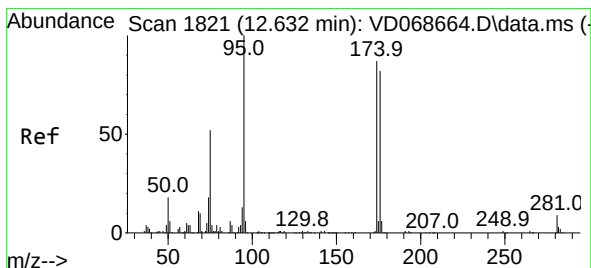
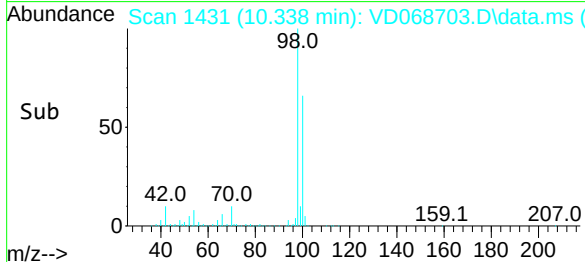
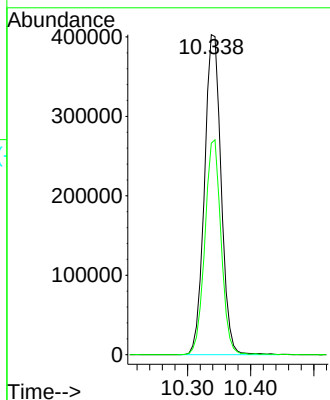
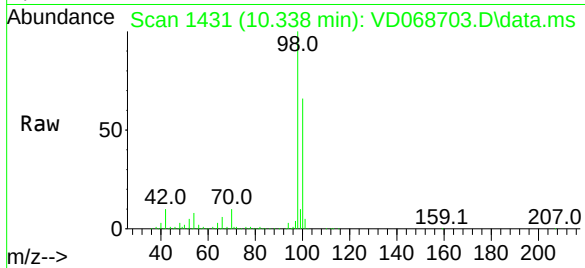




#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

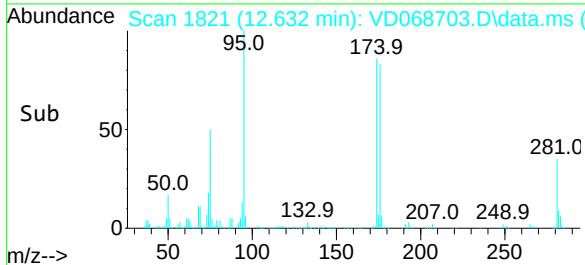
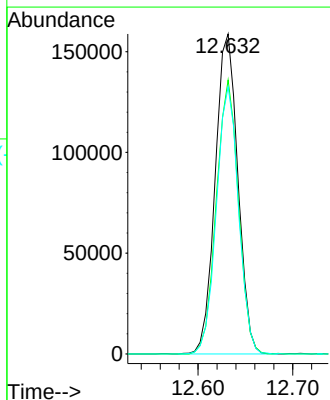
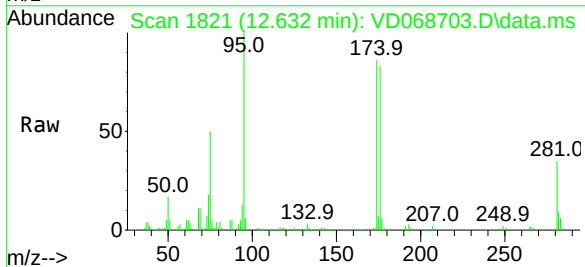
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

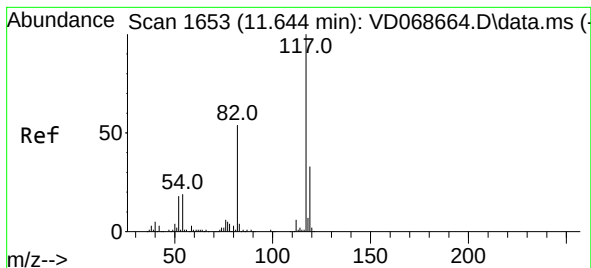
Tgt Ion: 98 Resp: 736141
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion: 95 Resp: 264137
Ion Ratio Lower Upper
95 100
174 83.4 0.0 168.0
176 81.3 0.0 160.2

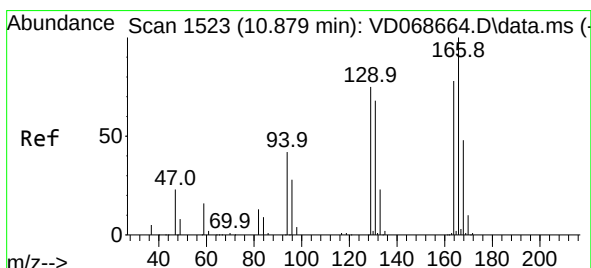
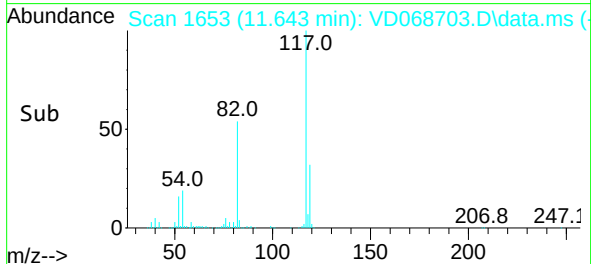
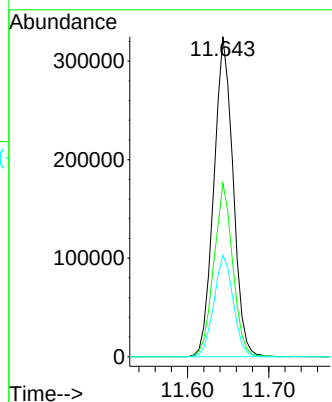
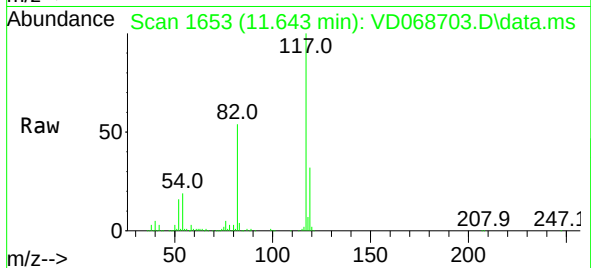




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

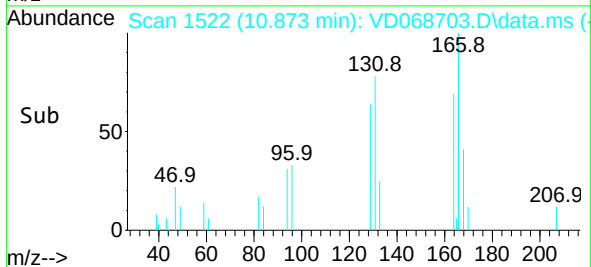
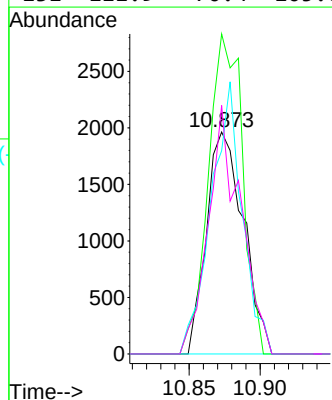
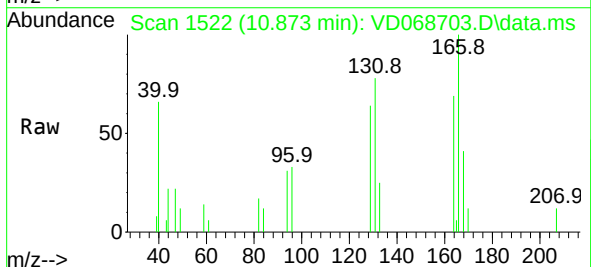
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

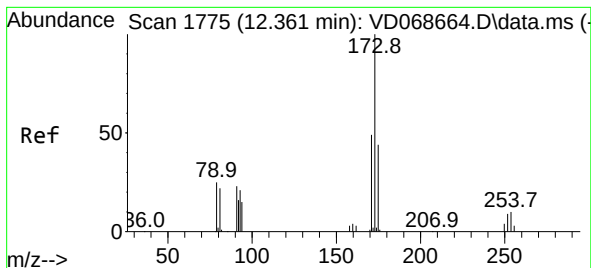
Tgt Ion:117 Resp: 535209
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 31.7 26.7 40.1



#64
Tetrachloroethene
Concen: 1.02 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion:164 Resp: 3548
Ion Ratio Lower Upper
164 100
166 144.1 103.0 154.6
129 91.5 77.4 116.0
131 111.9 70.4 105.6#





#71

Bromoform

Concen: 1.13 ug/l

RT: 12.632 min Scan# 1821

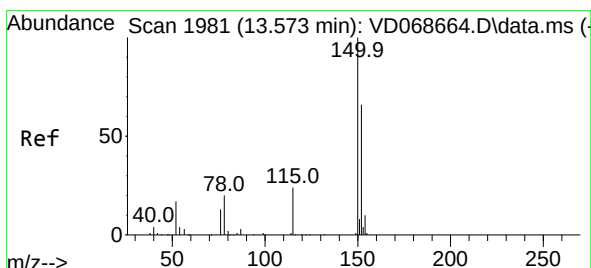
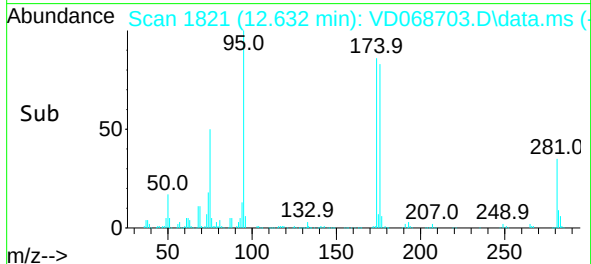
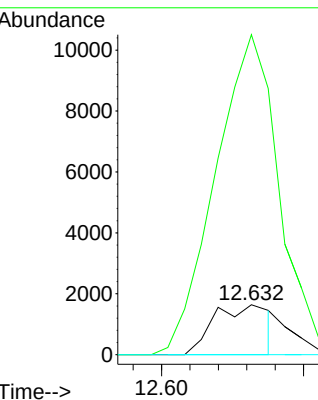
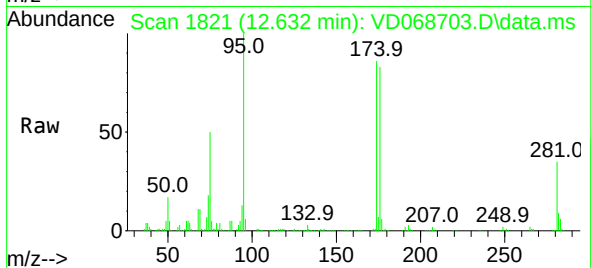
Delta R.T. 0.270 min

Lab File: VD068703.D

Acq: 29 Mar 2021 17:31

Tgt Ion:	173	Resp:	2256
Ion Ratio	Lower	Upper	
173	100		
175	623.4	23.6	71.0#
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

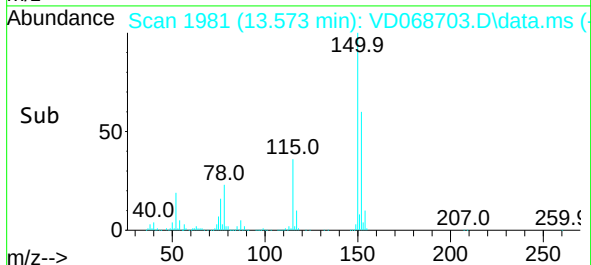
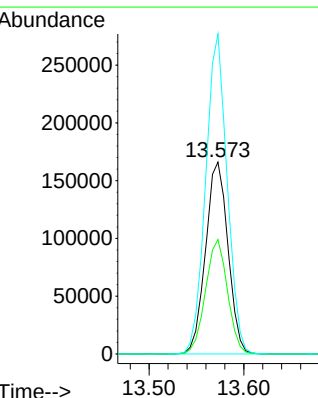
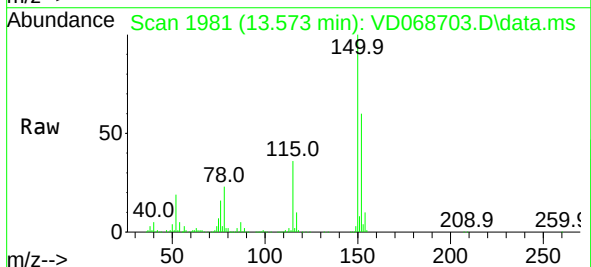
RT: 13.573 min Scan# 1981

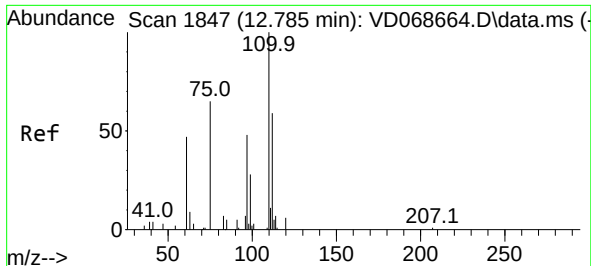
Delta R.T. -0.000 min

Lab File: VD068703.D

Acq: 29 Mar 2021 17:31

Tgt Ion:	152	Resp:	273304
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.3	87.8
150	159.8	0.0	347.6

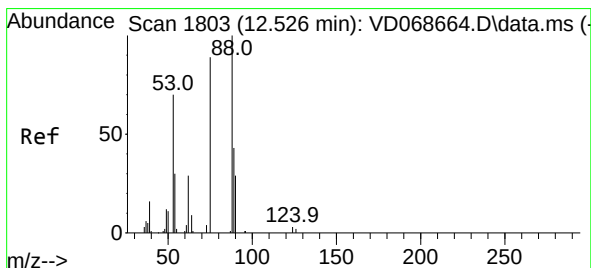
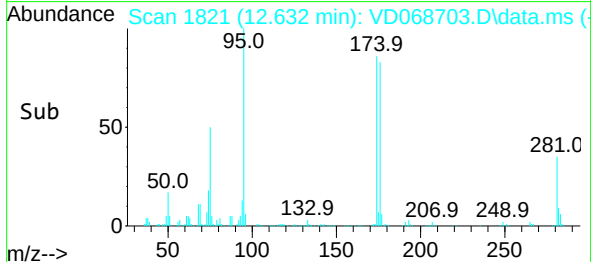
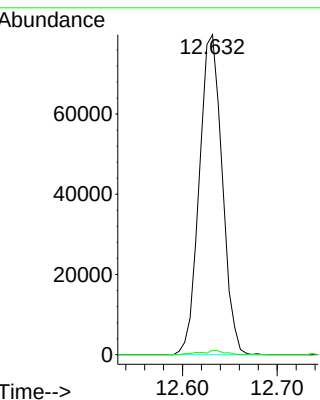
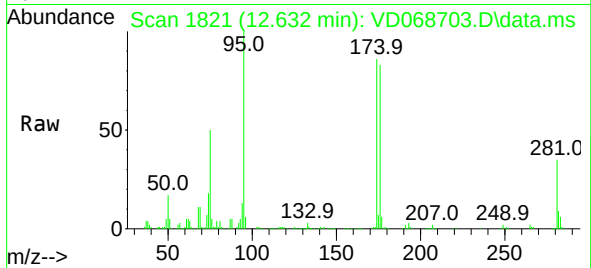




#76
1,2,3-Trichloropropane
Concen: 58.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

Tgt Ion: 75 Resp: 133696
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068703.D
Acq: 29 Mar 2021 17:31

Tgt Ion: 75 Resp: 133696
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

