

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068579.D
 Acq On : 11 Mar 2021 10:46
 Operator : VA/SY
 Sample : VD0311SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:09:37 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)

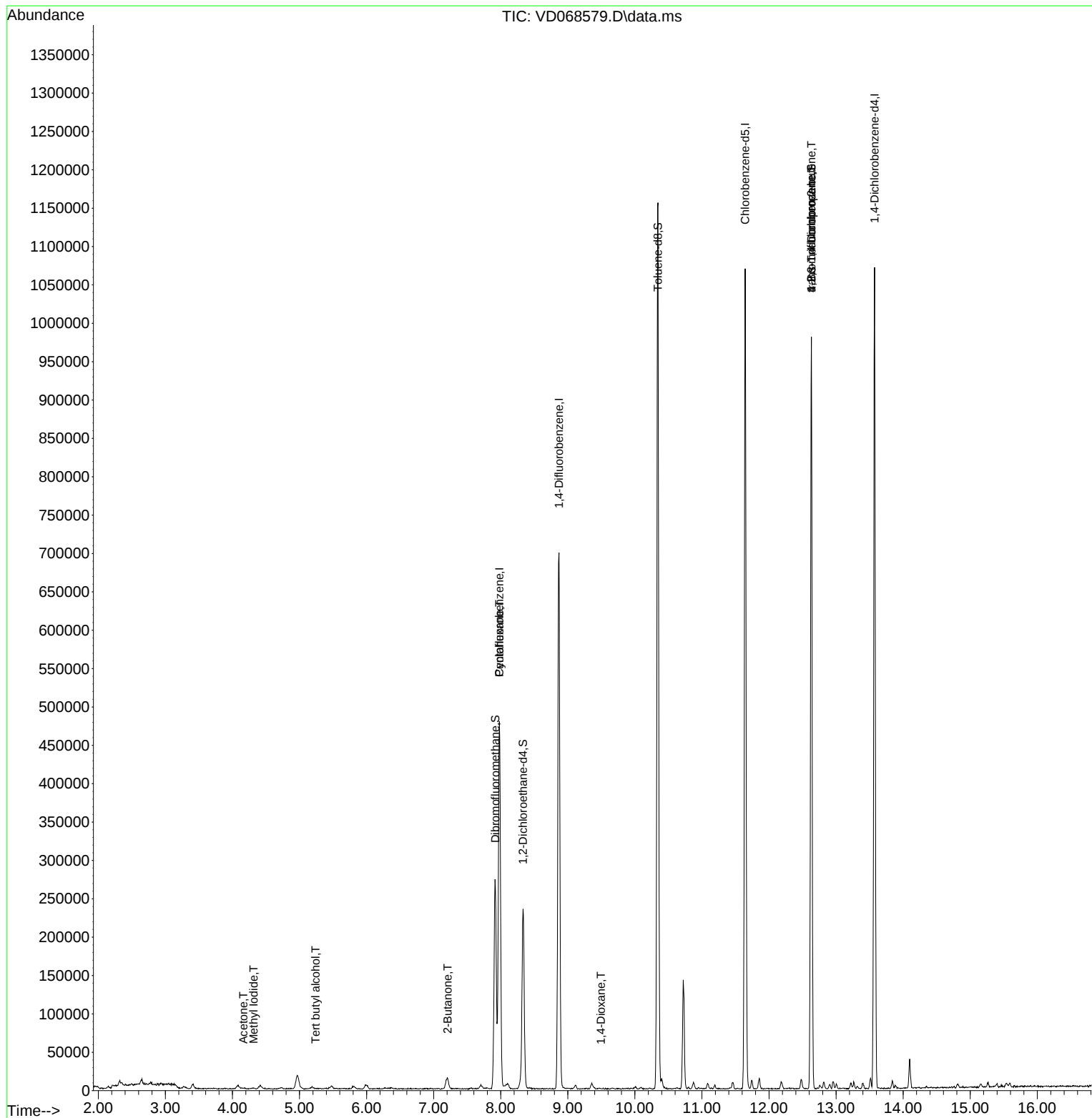
Internal Standards						
1) Pentafluorobenzene	7.979	168	363201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	650840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	626197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184420	50.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.64%		
35) Dibromofluoromethane	7.920	113	199561	50.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.80%		
50) Toluene-d8	10.344	98	816190	52.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.52%		
62) 4-Bromofluorobenzene	12.632	95	274747	54.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	109.18%		
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	1349	2.91	ug/l #	75
11) Tert butyl alcohol	5.238	59	206	1.06	ug/l #	74
16) Acetone	4.162	43	2039	3.54	ug/l #	44
20) Methylene Chloride	4.968	84	14217	Below Cal		90
25) 2-Butanone	7.209	43	1021	1.23	ug/l #	43
31) Cyclohexane	7.979	56	9969	1.51	ug/l #	33
49) 1,4-Dioxane	9.491	88	83	3.15	ug/l #	30
76) 1,2,3-Trichloropropane	12.632	75	135728	52.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	135728	123.15	ug/l #	14

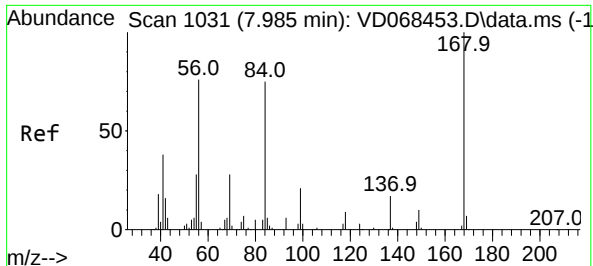
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 00:09:37 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

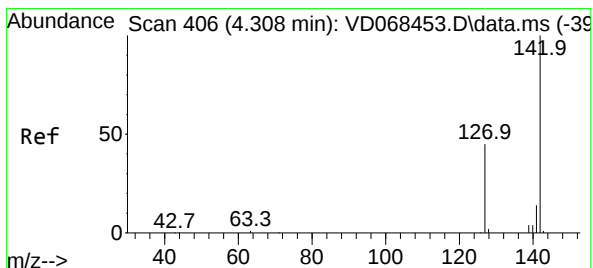
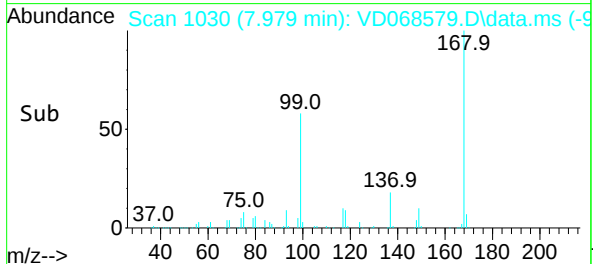
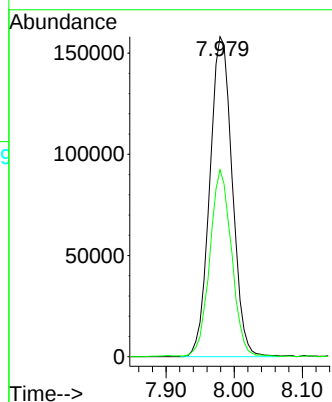
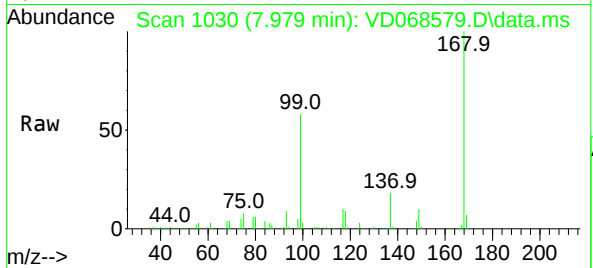




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

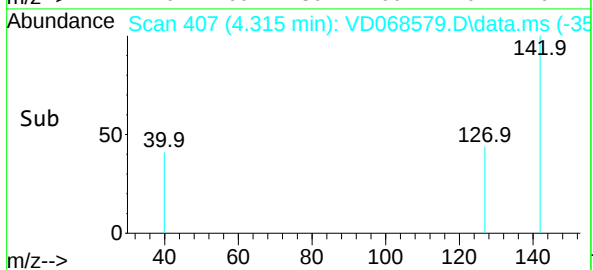
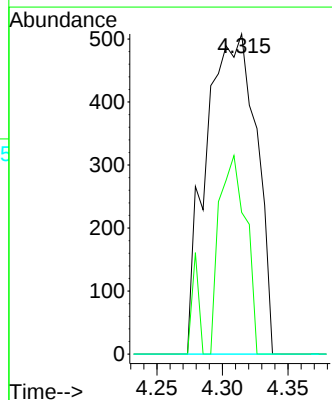
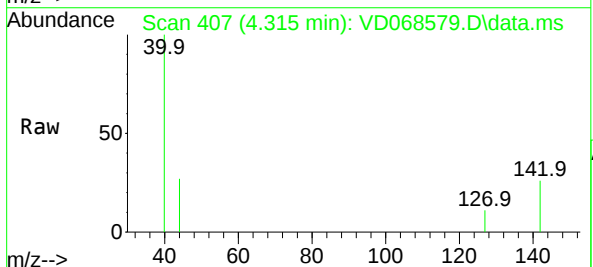
Instrument :
MSVOA_D
ClientSampleId :

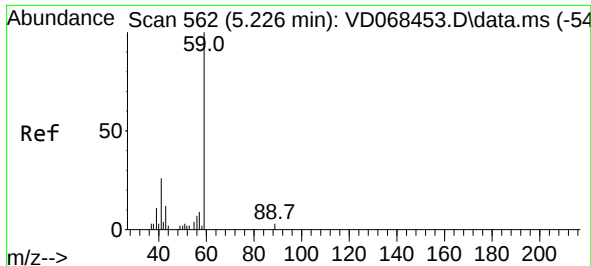
Tgt Ion:168 Resp: 363201
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#10
Methyl Iodide
Concen: 2.91 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion:142 Resp: 1349
Ion Ratio Lower Upper
142 100
127 33.1 37.9 56.9#
141 0.0 11.5 17.3#

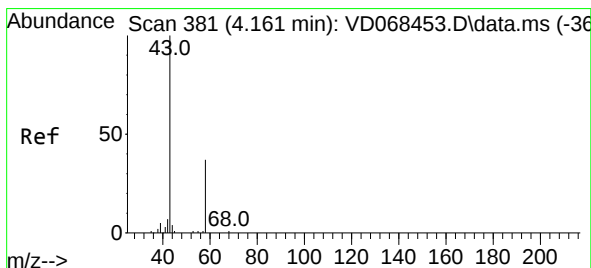
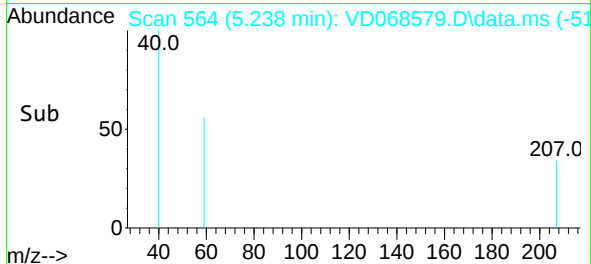
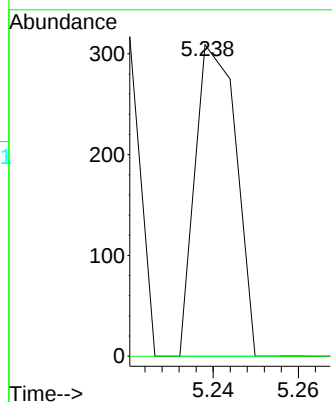
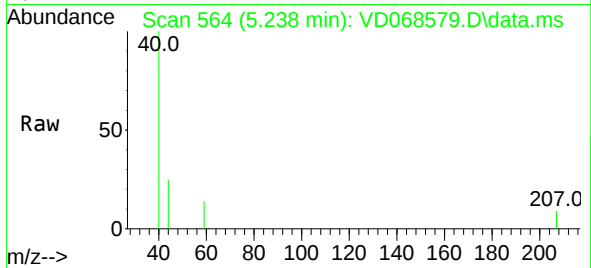




#11
Tert butyl alcohol
Concen: 1.06 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

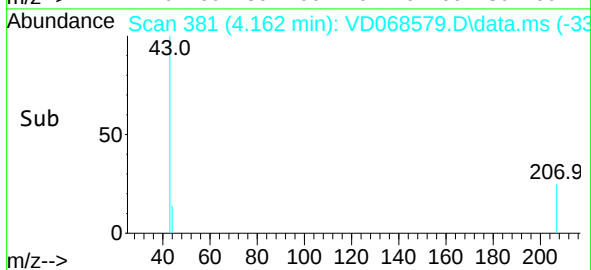
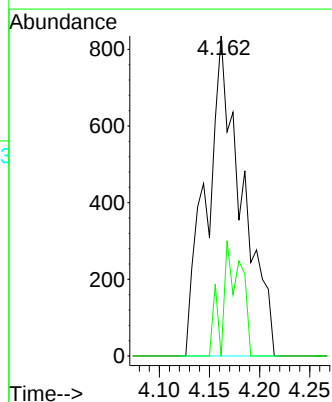
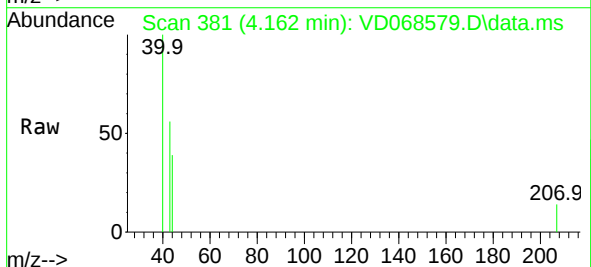
Instrument :
MSVOA_D
ClientSampleId :

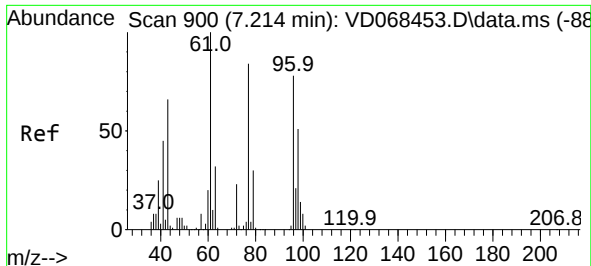
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.54 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

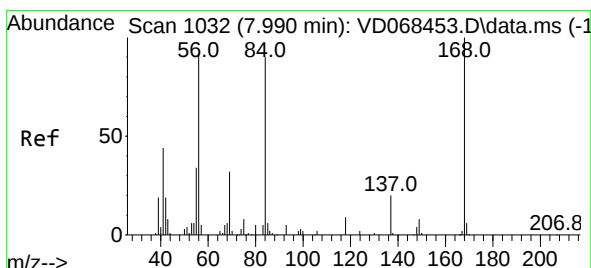
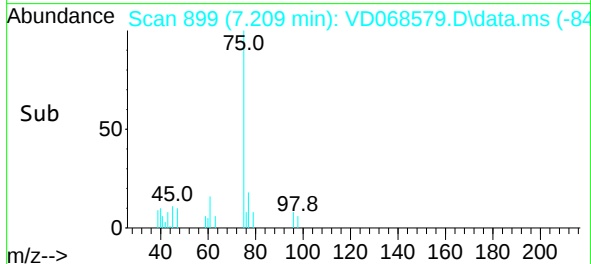
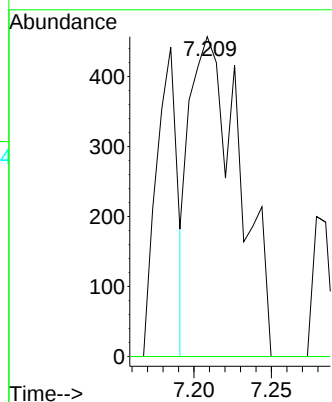
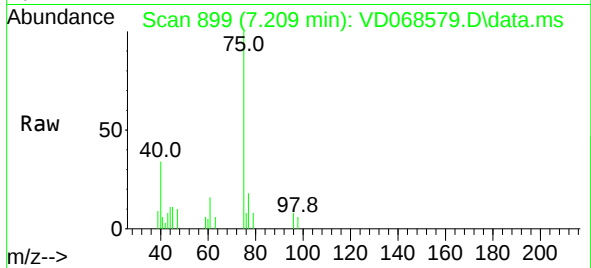




#25
2-Butanone
Concen: 1.23 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

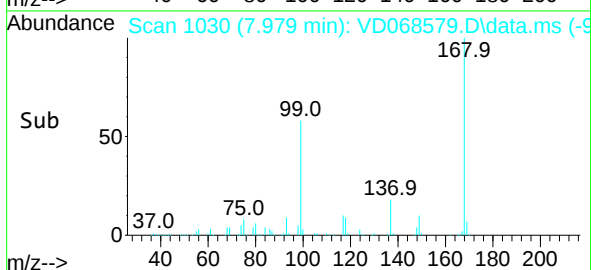
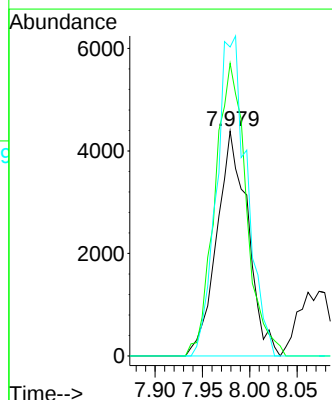
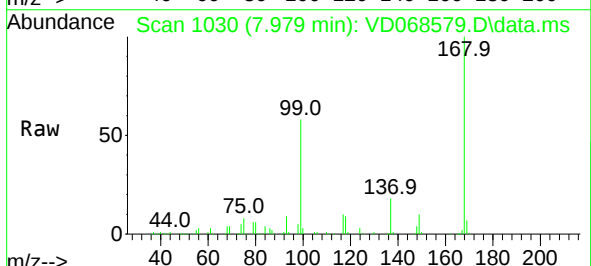
Instrument :
MSVOA_D
ClientSampled :

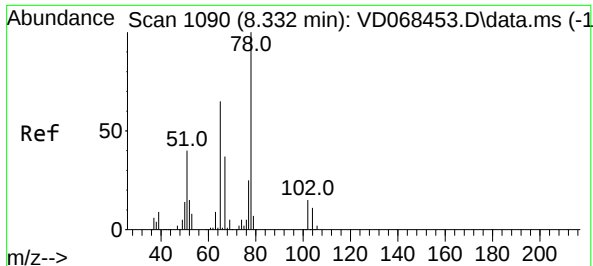
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 56 Resp: 9969
Ion Ratio Lower Upper
56 100
69 130.2 30.1 45.1#
84 137.5 82.1 123.1#

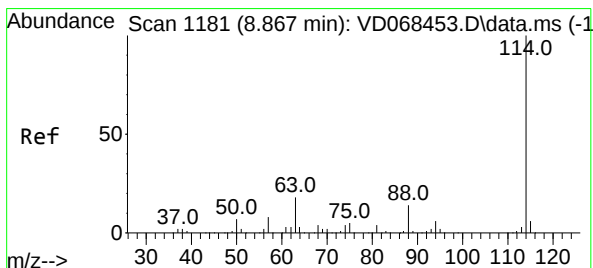
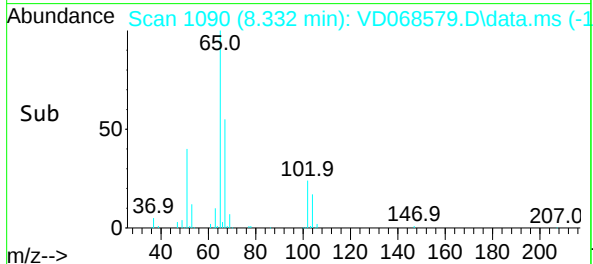
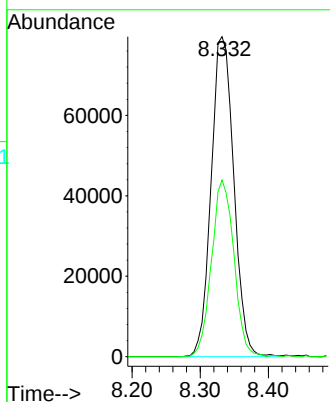
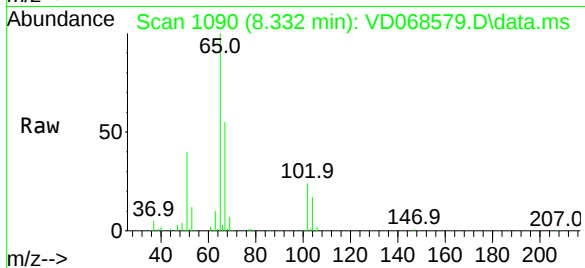




#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

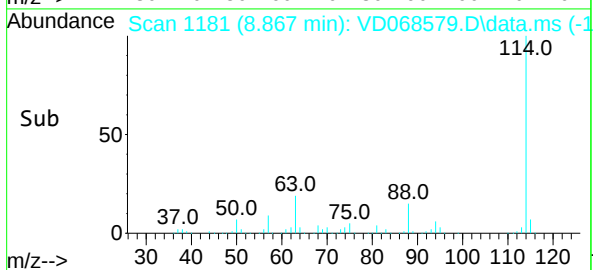
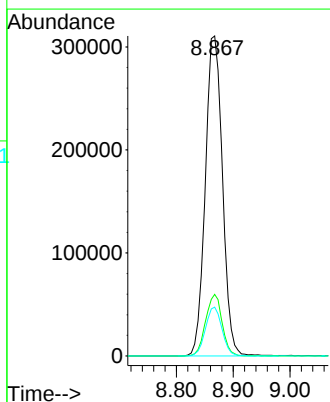
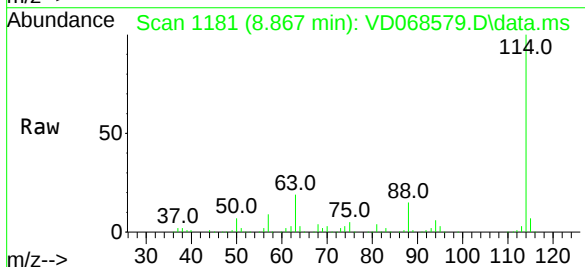
Instrument :
MSVOA_D
ClientSampleId :

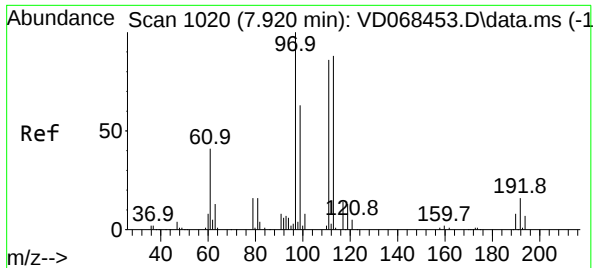
Tgt Ion: 65 Resp: 184420
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 114 Resp: 650840
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 15.2 0.0 31.6

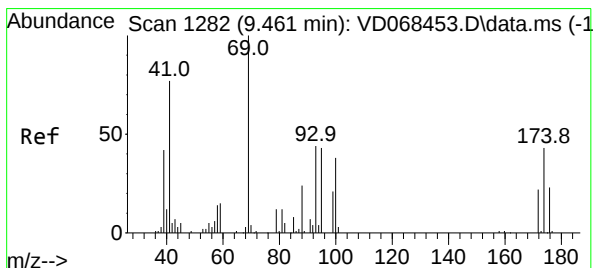
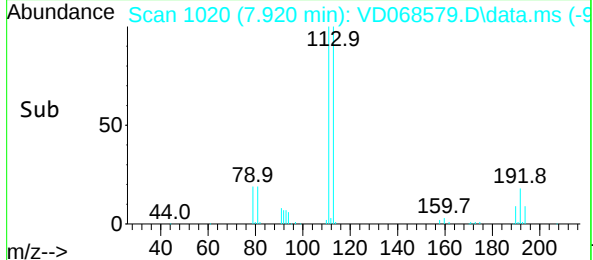
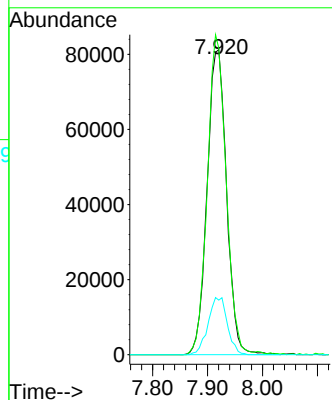
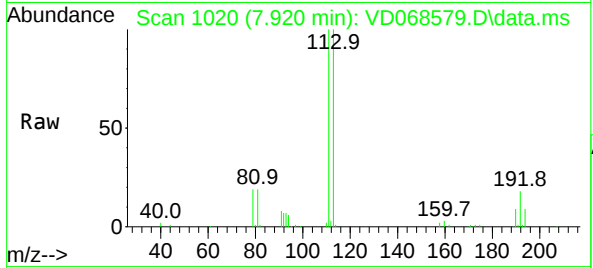




#35
Dibromofluoromethane
Concen: 50.90 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

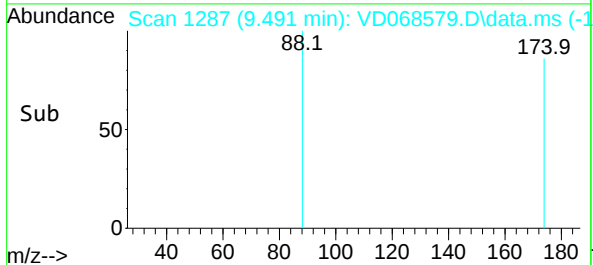
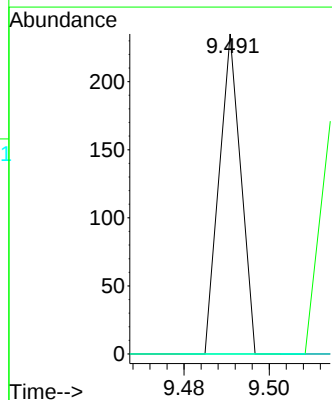
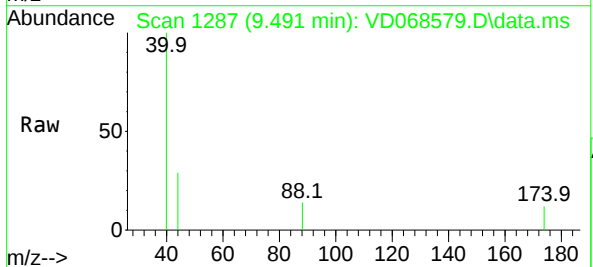
Instrument :
MSVOA_D
ClientSampleId :

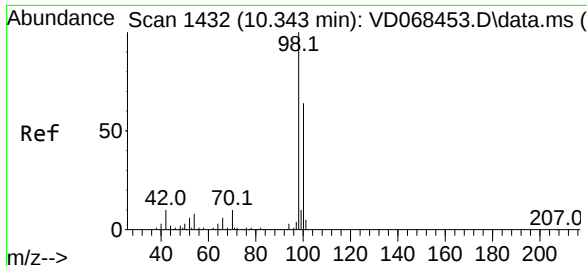
Tgt Ion:113 Resp: 199561
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 18.6 16.1 24.1



#49
1,4-Dioxane
Concen: 3.15 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.030 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#

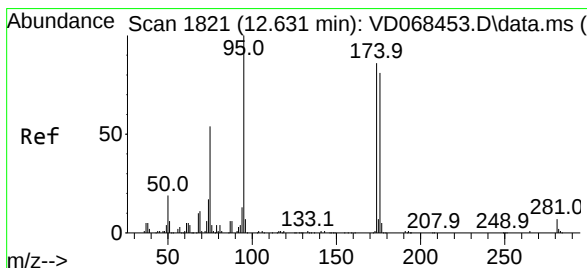
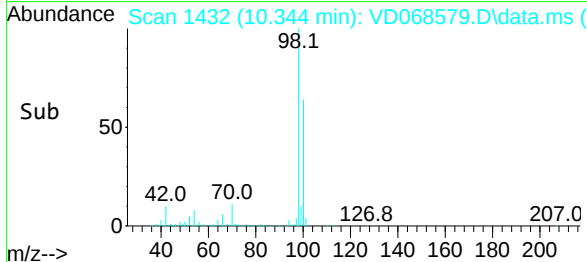
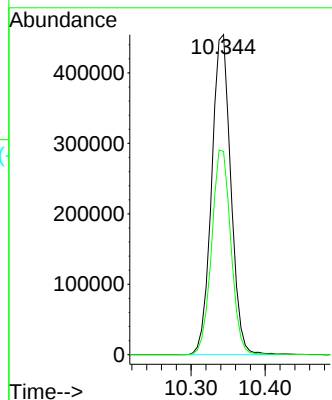
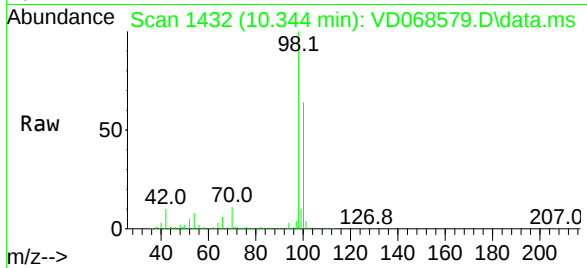




#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

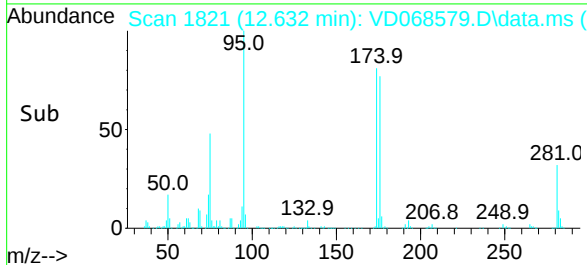
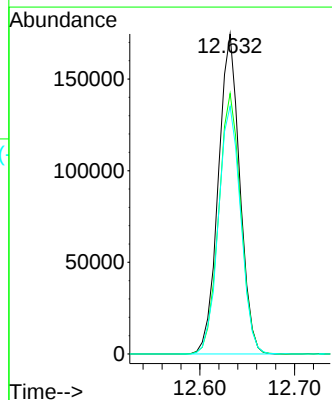
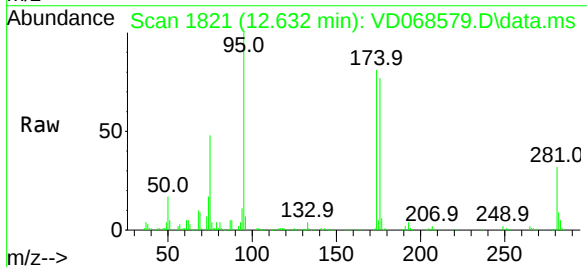
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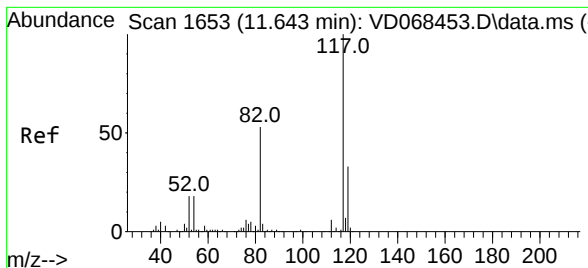
Tgt Ion: 98 Resp: 816190
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 95 Resp: 274747
Ion Ratio Lower Upper
95 100
174 83.5 0.0 172.4
176 80.4 0.0 168.4

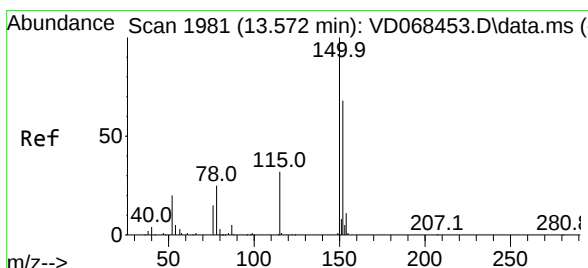
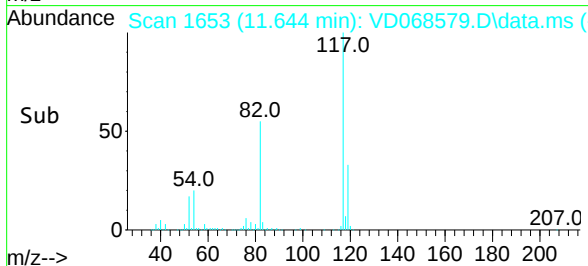
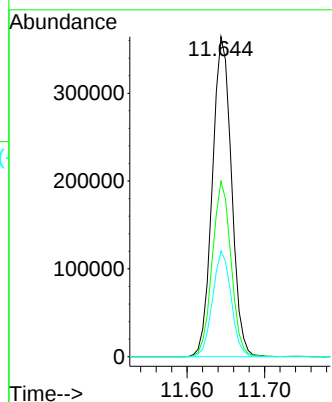
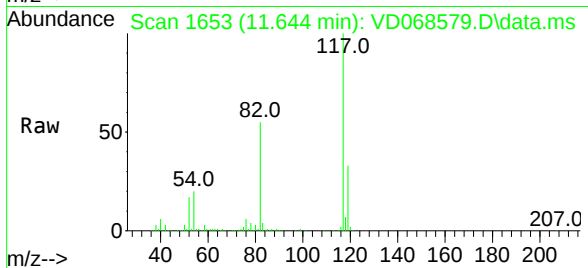




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

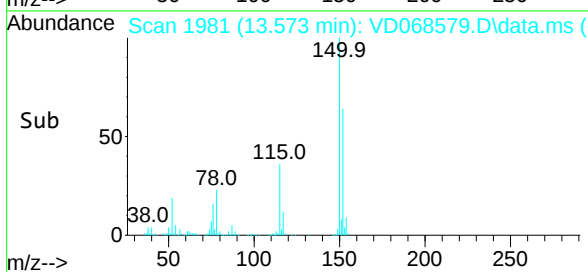
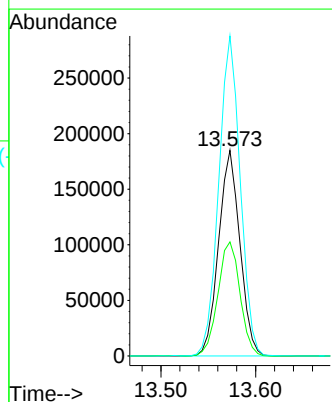
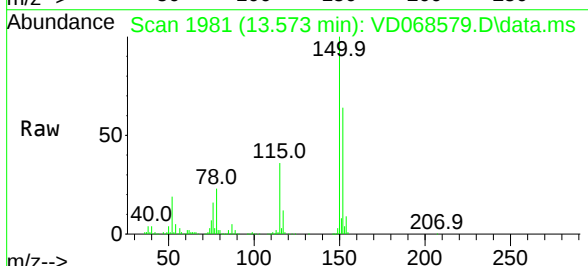
Instrument :
MSVOA_D
ClientSampled :

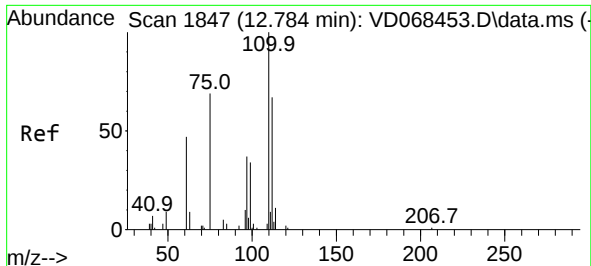
Tgt Ion:117 Resp: 626197
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.0
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion:152 Resp: 289707
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 156.8 0.0 344.4

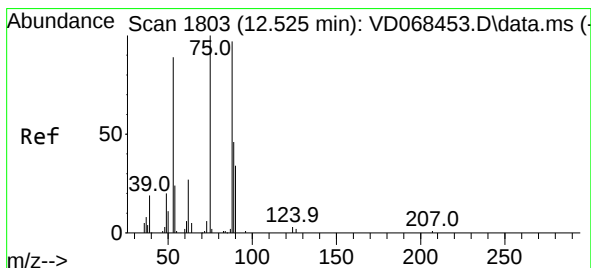
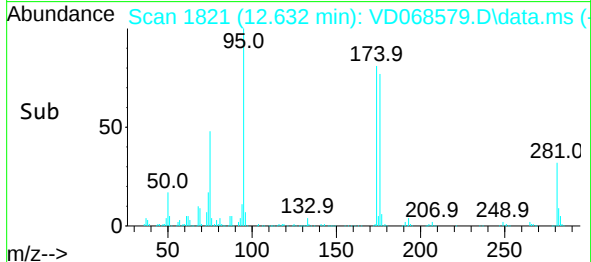
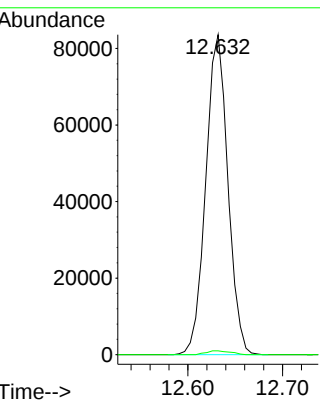
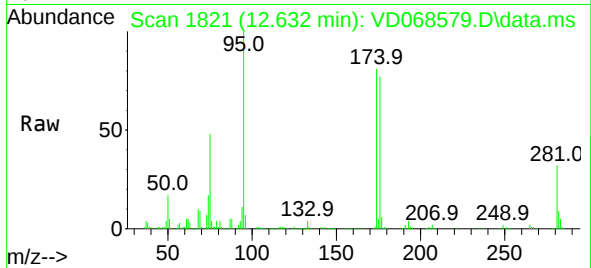




#76
1,2,3-Trichloropropane
Concen: 52.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 135728
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068579.D
Acq: 11 Mar 2021 10:46

Tgt Ion: 75 Resp: 135728
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#

