

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068533.D
 Acq On : 04 Mar 2021 18:53
 Operator : VA/SY
 Sample : M1566-03
 Misc : 6.88/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:03:58 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)

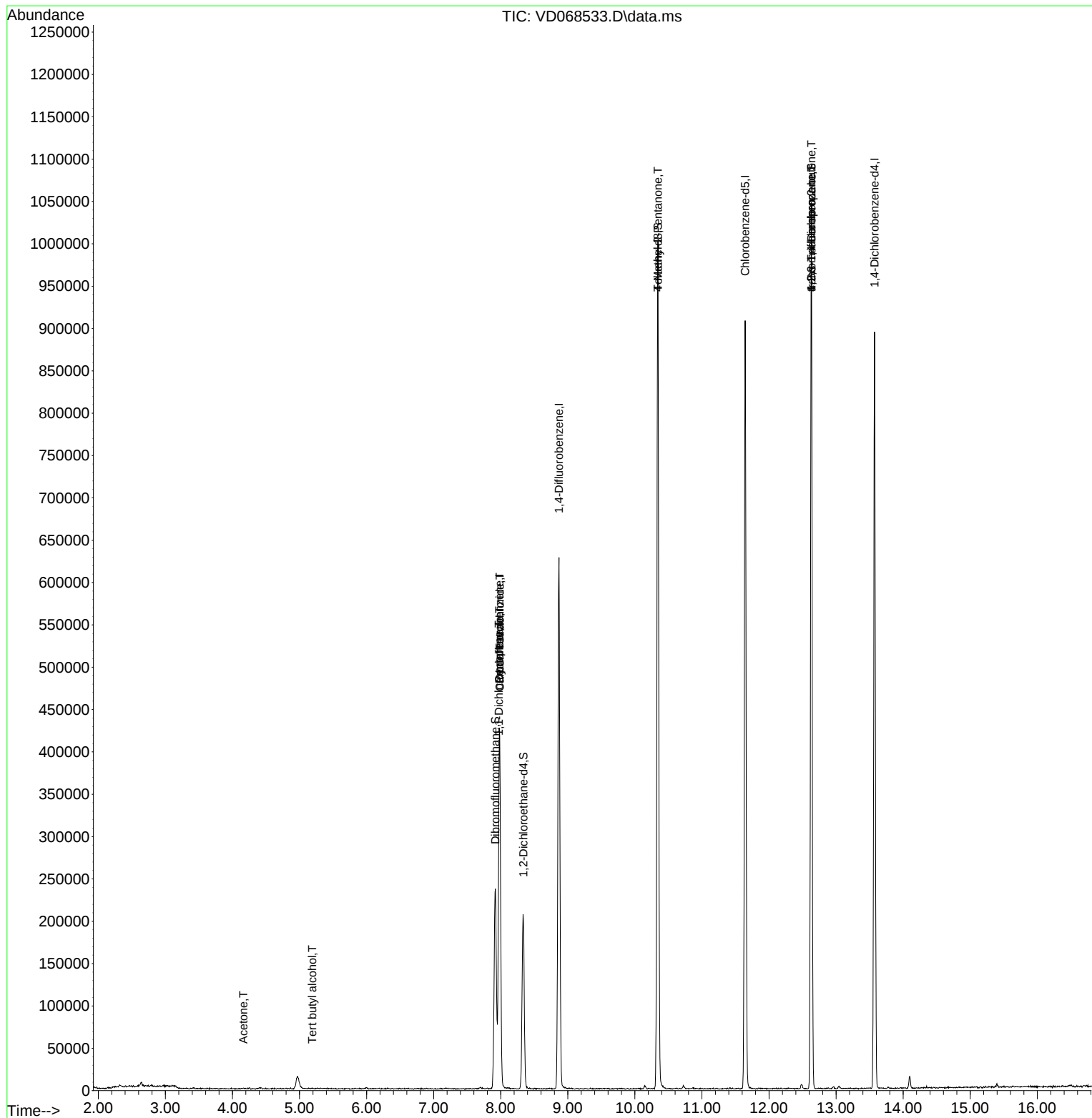
Internal Standards						
1) Pentafluorobenzene	7.979	168	328663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	573177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	548190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	239803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	163421	49.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.54%
35) Dibromofluoromethane	7.920	113	175847	50.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.86%
50) Toluene-d8	10.344	98	715179	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	230198	51.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.88%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	251	1.43	ug/l #	74
16) Acetone	4.162	43	866	1.66	ug/l	89
20) Methylene Chloride	4.973	84	12815	Below	Cal	92
31) Cyclohexane	7.979	56	6328	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24902	4.57	ug/l #	46
38) Carbon Tetrachloride	7.985	117	31659	6.18	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	2657	1.53	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	117598	55.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	117598	128.91	ug/l #	14

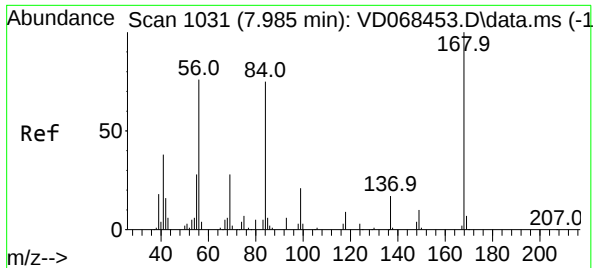
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 00:03:58 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

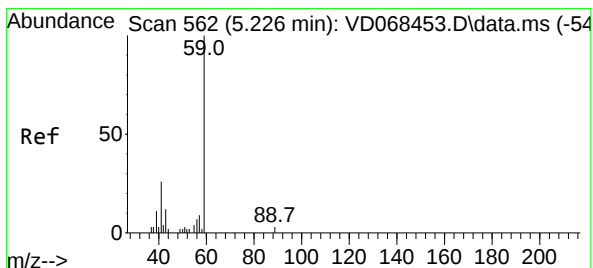
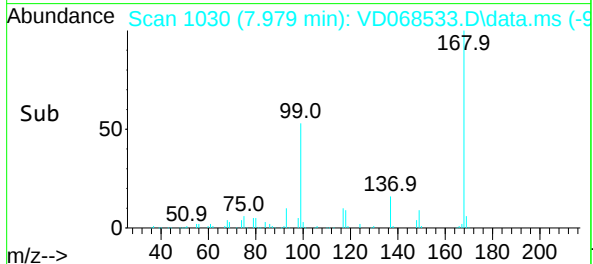
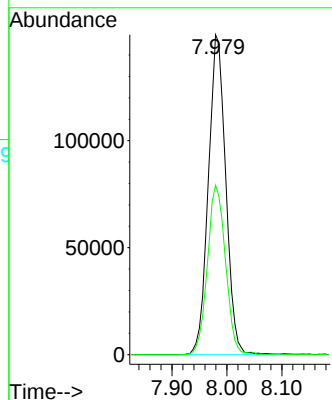
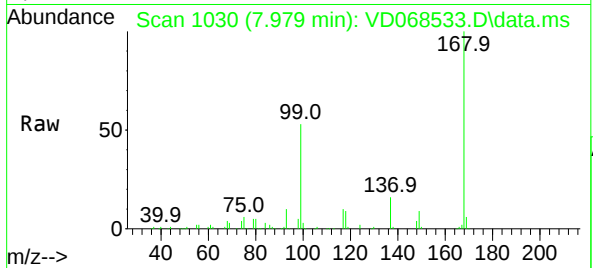




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

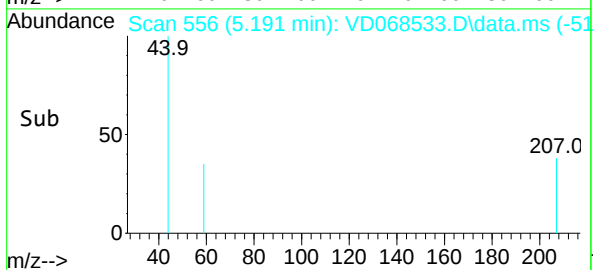
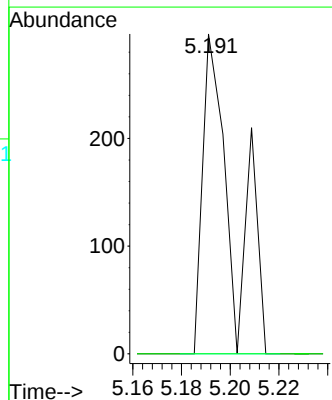
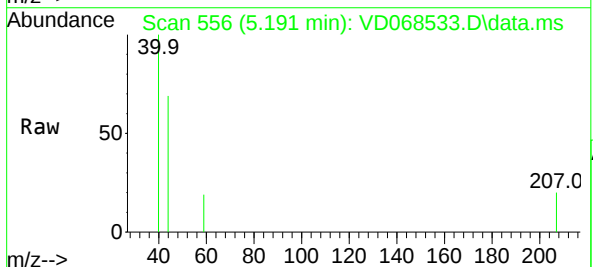
Instrument :
MSVOA_D
ClientSampled :

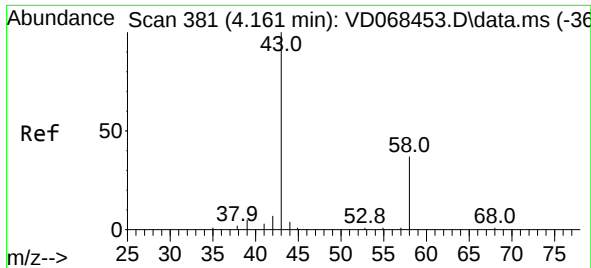
Tgt Ion:168 Resp: 328663
Ion Ratio Lower Upper
168 100
99 52.9 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.43 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.035 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

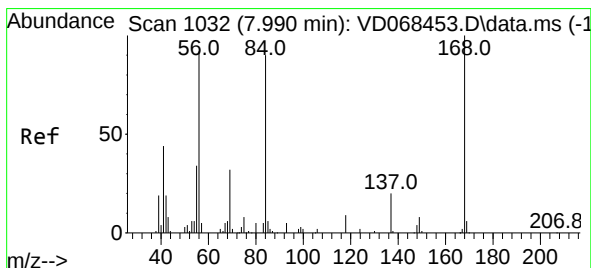
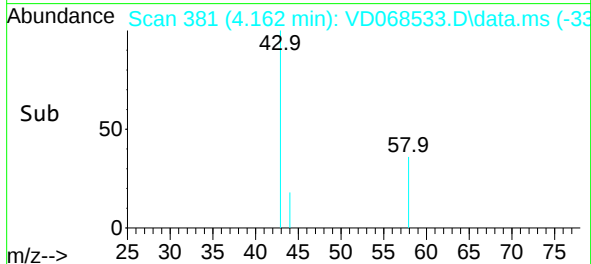
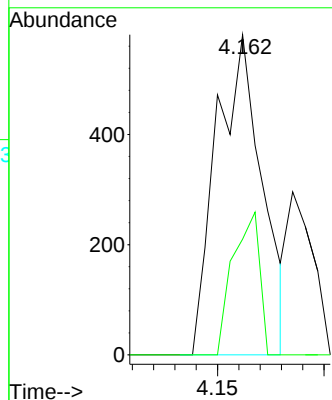
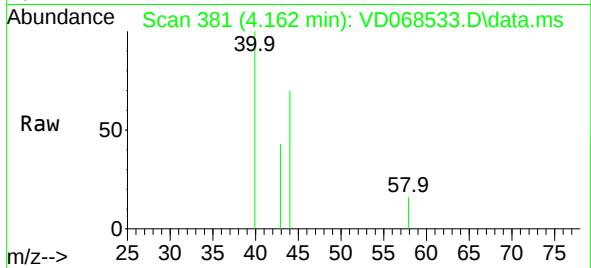




#16
Acetone
Concen: 1.66 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

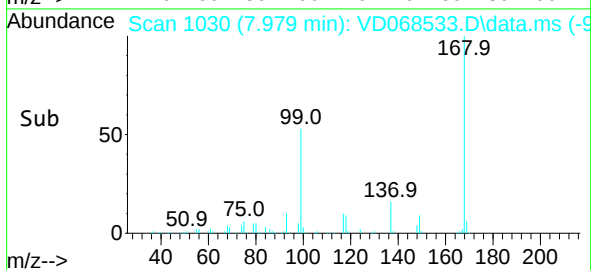
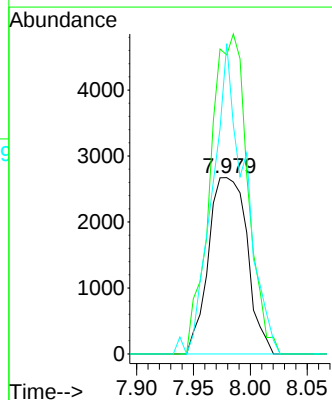
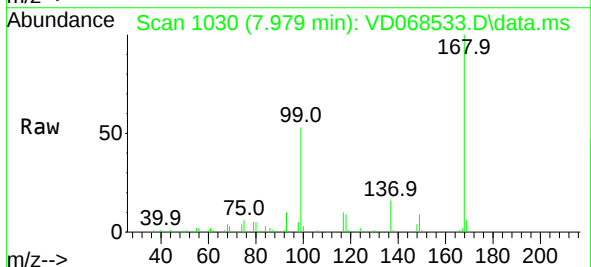
Instrument :
MSVOA_D
ClientSampled :

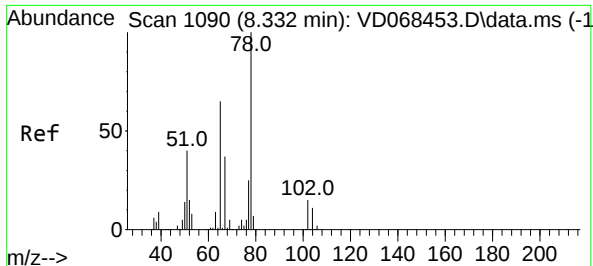
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 36.1 24.2 36.4



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 56 Resp: 6328
Ion Ratio Lower Upper
56 100
69 169.7 30.1 45.1#
84 176.0 82.1 123.1#

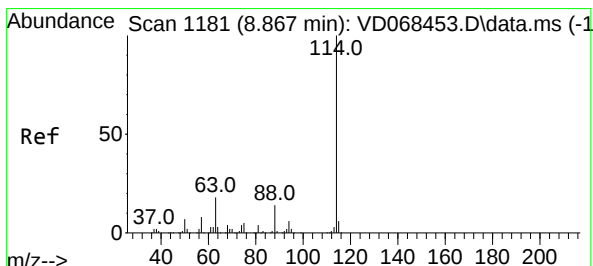
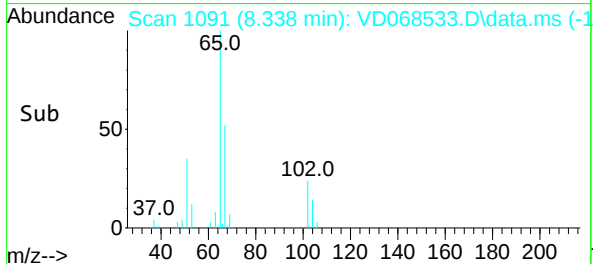
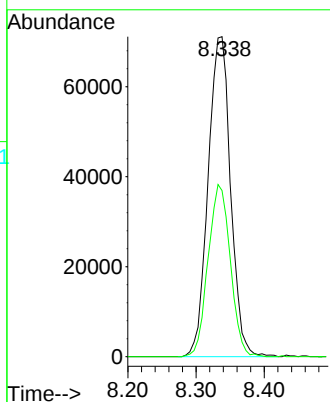
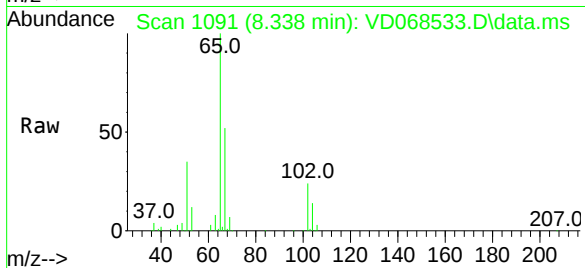




#33
1,2-Dichloroethane-d4
Concen: 49.77 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

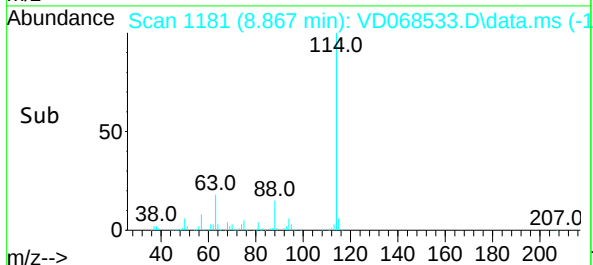
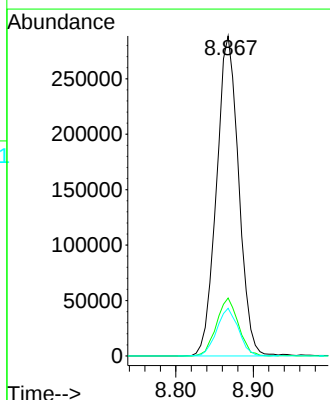
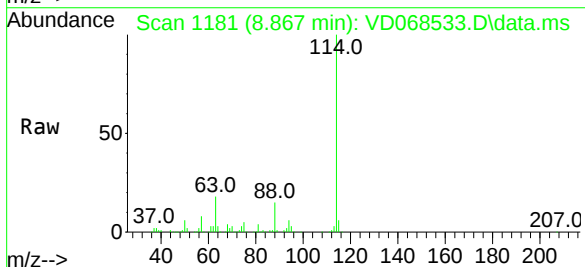
Instrument :
MSVOA_D
ClientSampled :

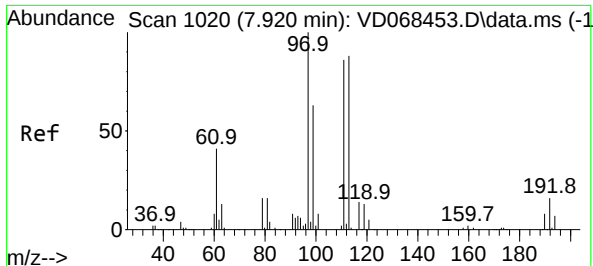
Tgt Ion: 65 Resp: 163421
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 114 Resp: 573177
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.93 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.001 min

Lab File: VD068533.D

Acq: 04 Mar 2021 18:53

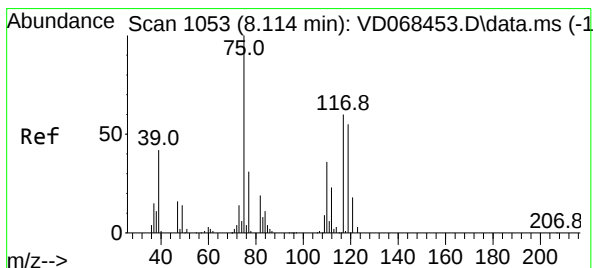
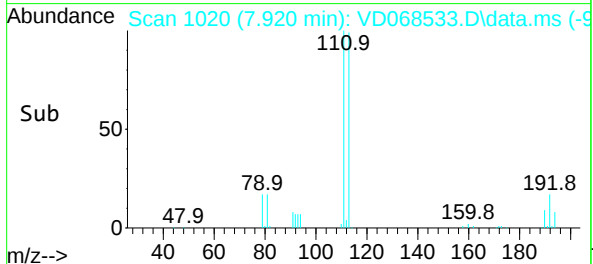
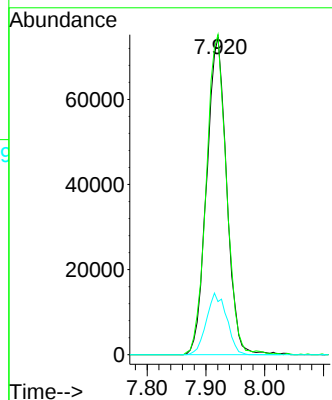
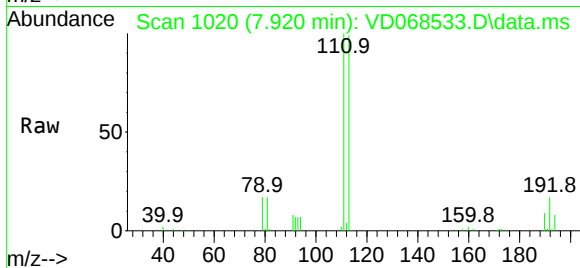
Tgt Ion:113 Resp: 175847

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 19.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD068533.D

Acq: 04 Mar 2021 18:53

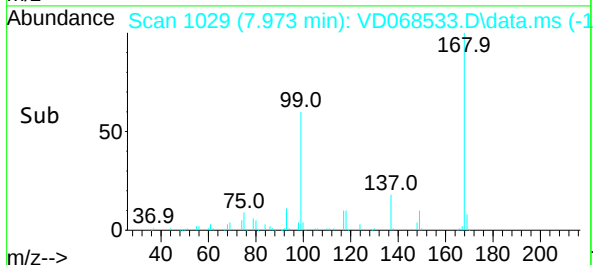
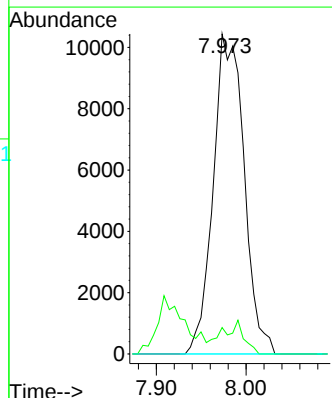
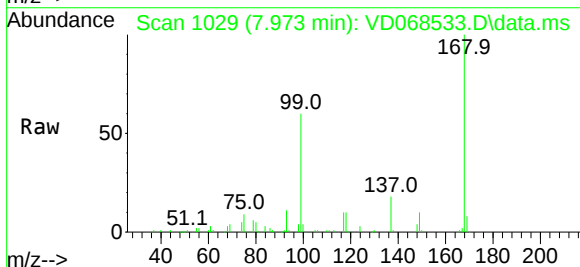
Tgt Ion: 75 Resp: 24902

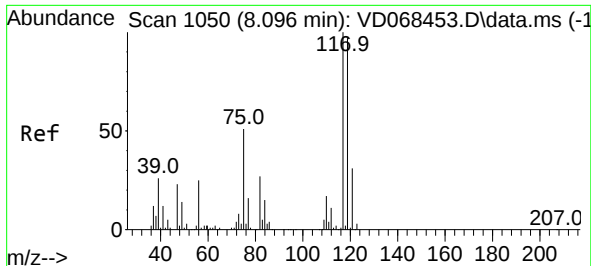
Ion Ratio Lower Upper

75 100

110 6.9 19.4 58.2#

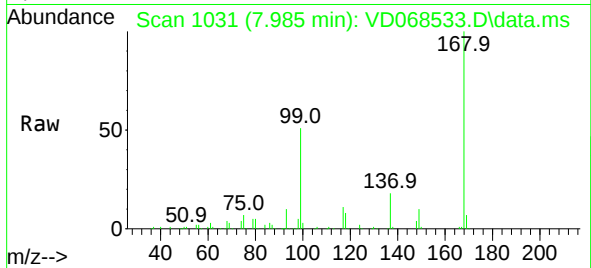
77 0.0 25.3 37.9#



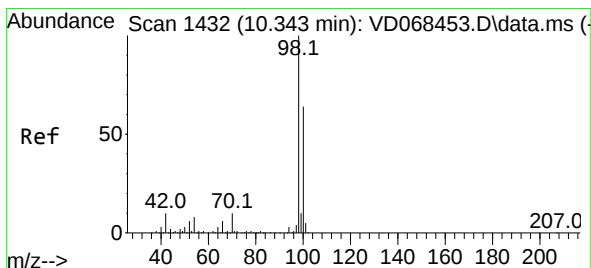
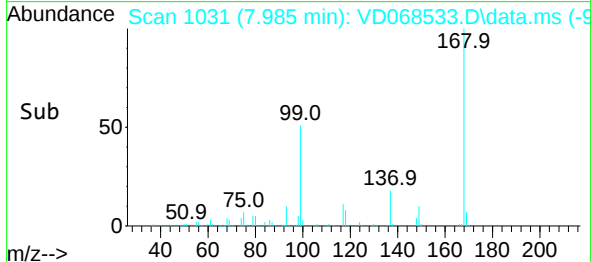
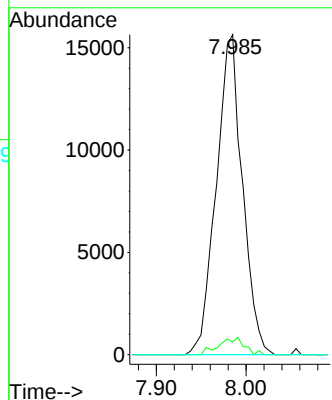


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Instrument :
MSVOA_D
ClientSampled :

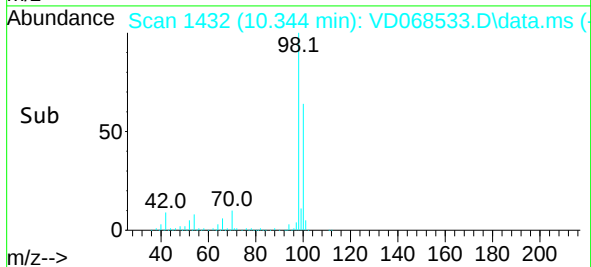
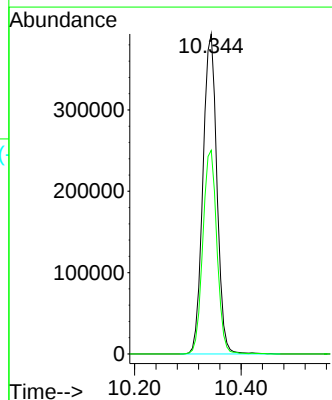
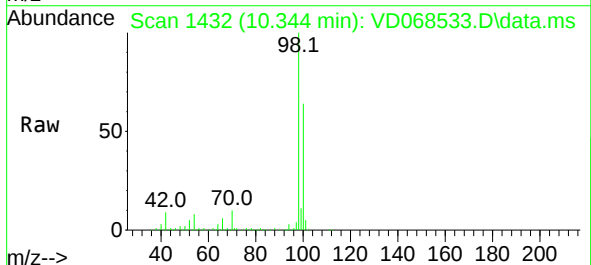


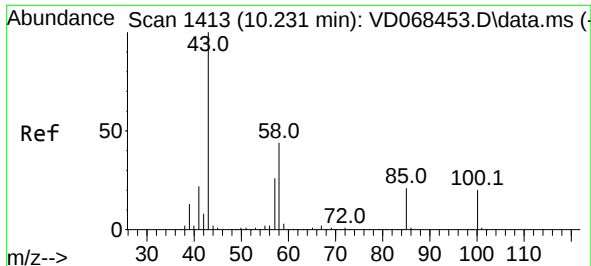
Tgt Ion:117 Resp: 31659
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 98 Resp: 715179
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4

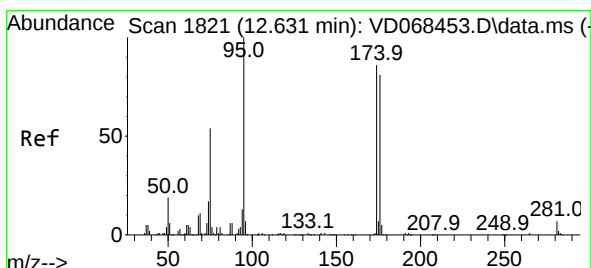
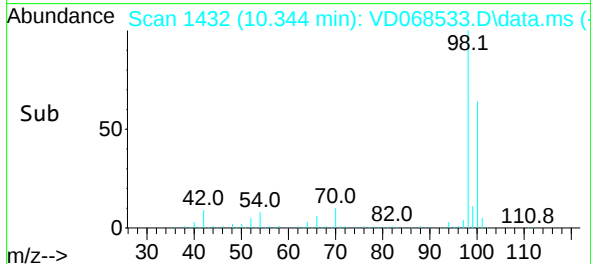
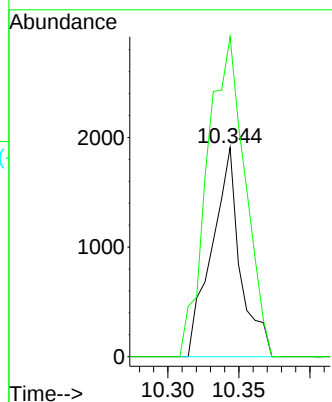
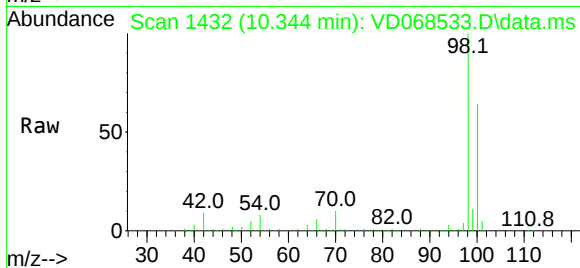




#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

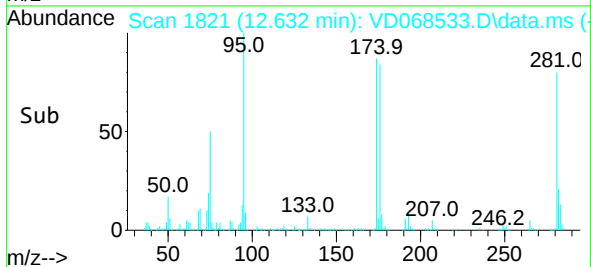
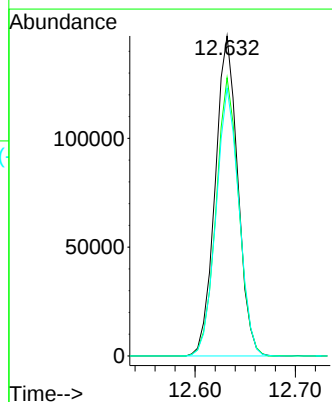
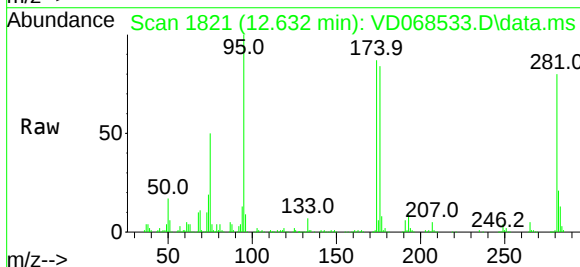
Instrument :
MSVOA_D
ClientSampled :

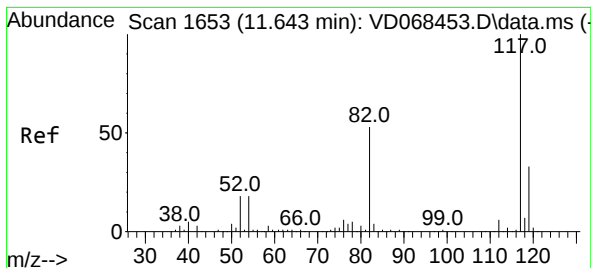
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 203.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 95 Resp: 230198
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.4
176 84.6 0.0 168.4

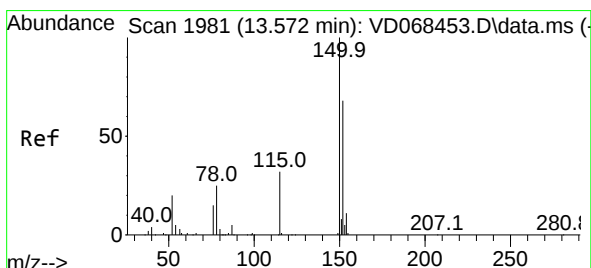
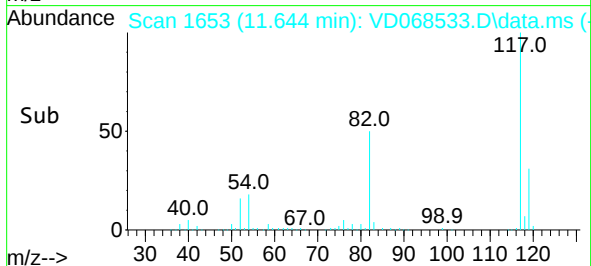
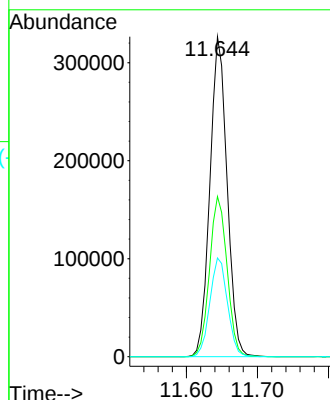
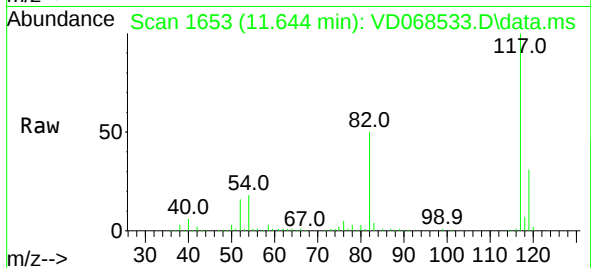




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

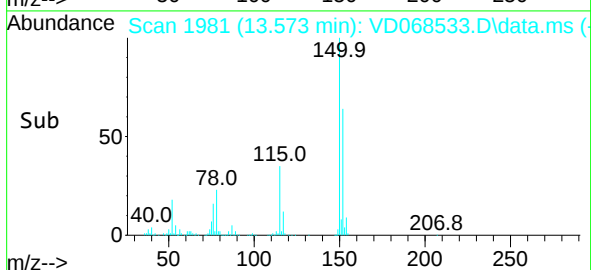
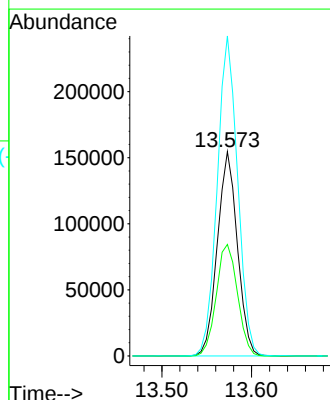
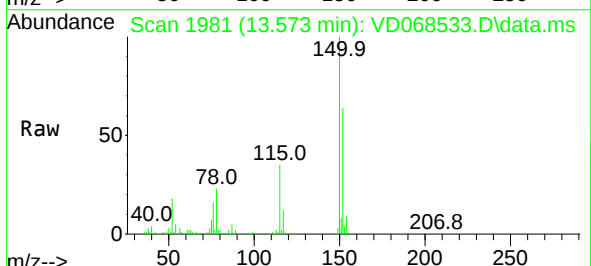
Instrument :
MSVOA_D
ClientSampled :

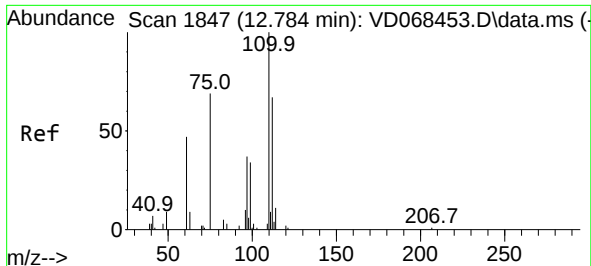
Tgt Ion:117 Resp: 548190
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.0
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion:152 Resp: 239803
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 159.3 0.0 344.4

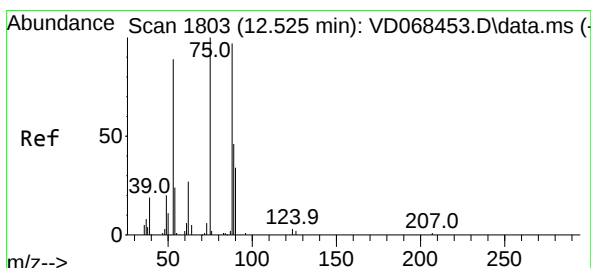
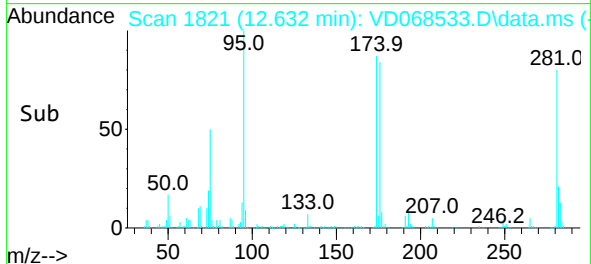
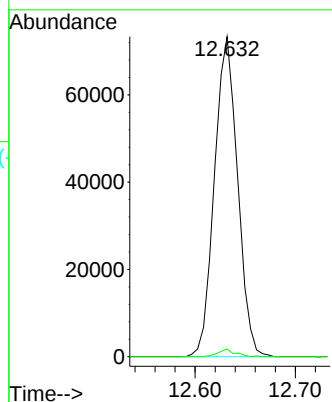
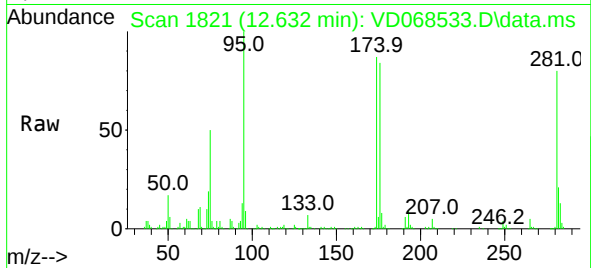




#76
1,2,3-Trichloropropane
Concen: 55.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 117598
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068533.D
Acq: 04 Mar 2021 18:53

Tgt Ion: 75 Resp: 117598
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.9 40.3 60.5#

