

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068608.D
 Acq On : 12 Mar 2021 16:01
 Operator : VA/SY
 Sample : M1673-01
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-040-RW6-IDWSO-20210311

Quant Time: Mar 12 23:36:23 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)

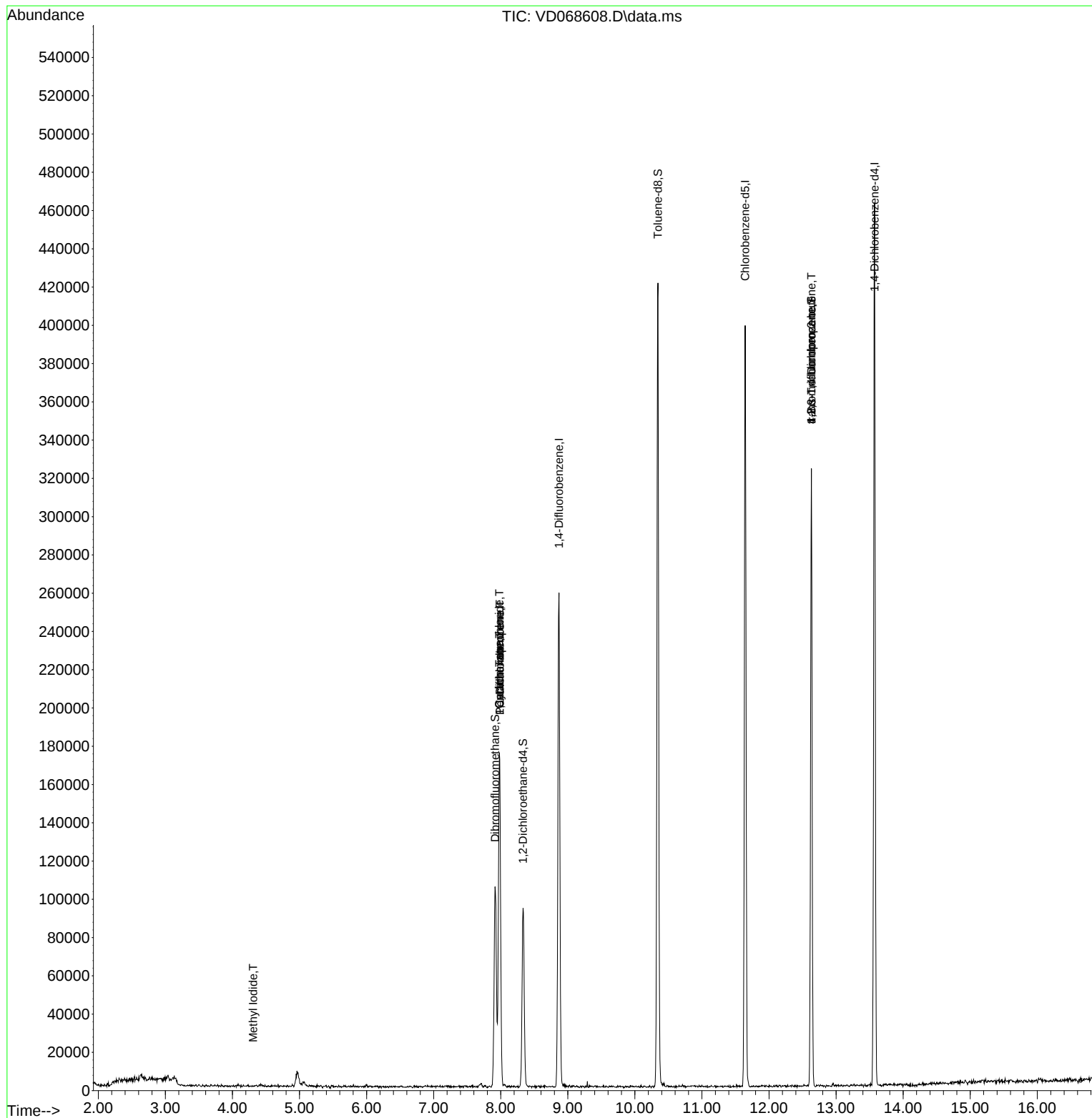
Internal Standards						
1) Pentafluorobenzene	7.985	168	132421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	232008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	238004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	124094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	75584	57.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.26%			
35) Dibromofluoromethane	7.914	113	78101	55.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.76%			
50) Toluene-d8	10.344	98	300048	53.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.80%			
62) 4-Bromofluorobenzene	12.632	95	101134	56.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.74%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	54	2.65	ug/l #	38
20) Methylene Chloride	4.979	84	6359	Below Cal	#	88
31) Cyclohexane	7.979	56	2567	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	10112	4.59	ug/l #	49
38) Carbon Tetrachloride	7.979	117	13407	6.47	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	51919	47.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	51919	109.98	ug/l #	13

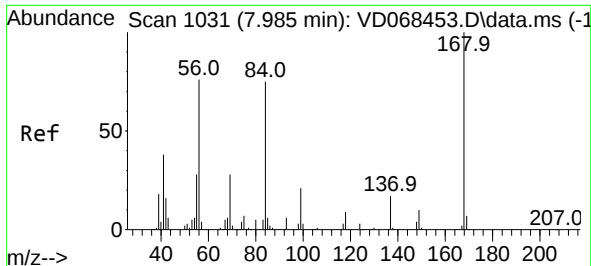
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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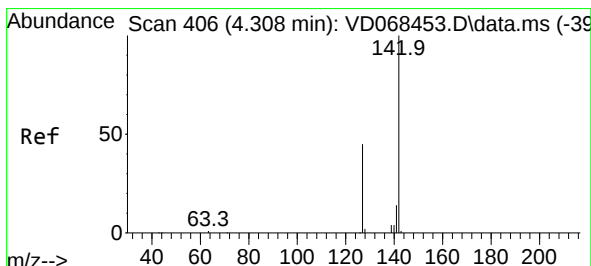
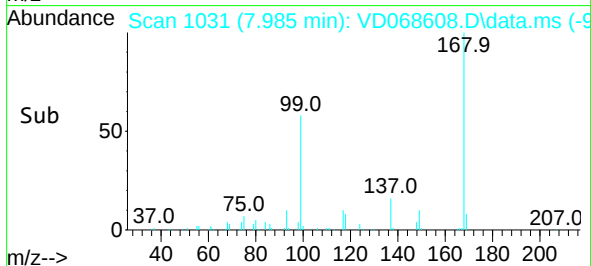
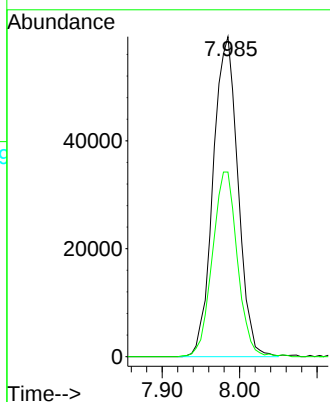
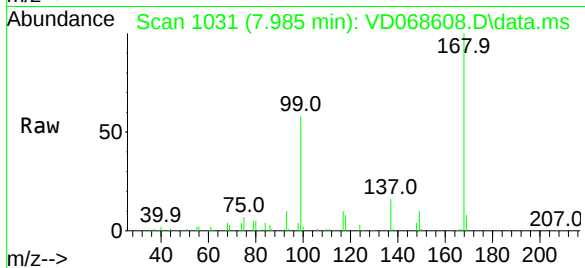




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

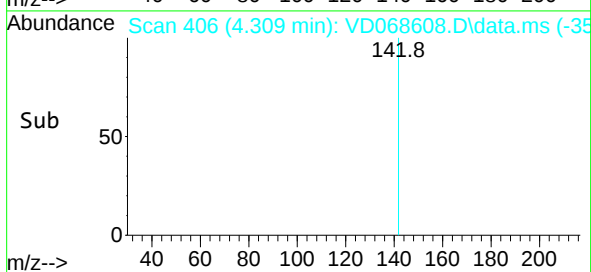
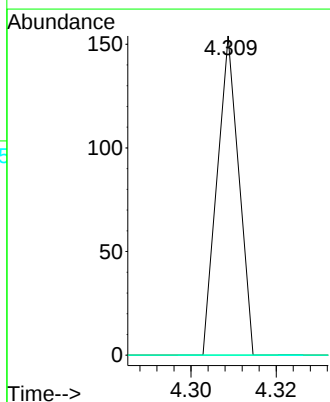
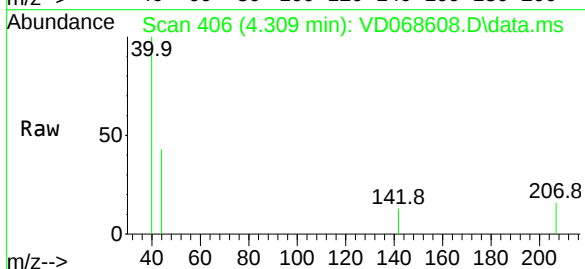
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MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

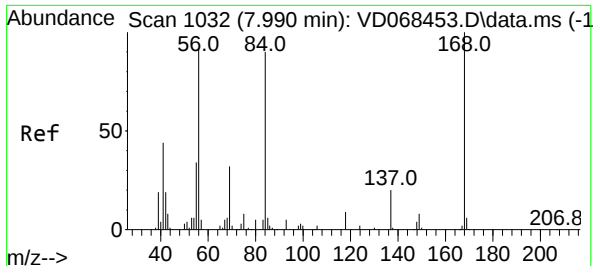
Tgt Ion:168 Resp: 132421
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

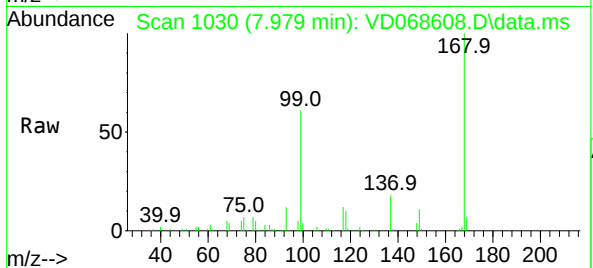
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



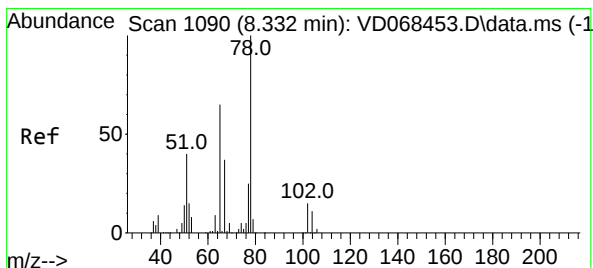
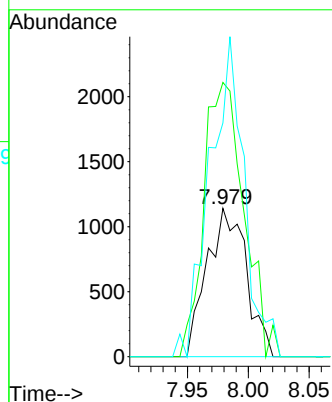
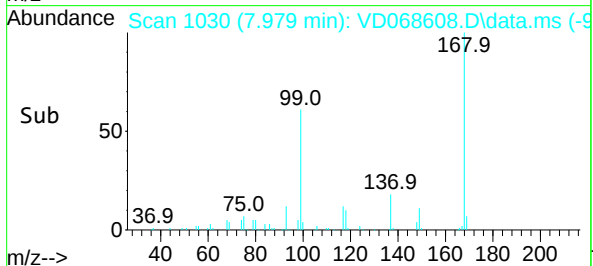


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

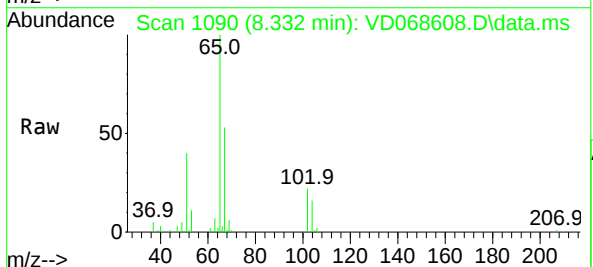
Instrument :
MSVOA_D
ClientSampleId :
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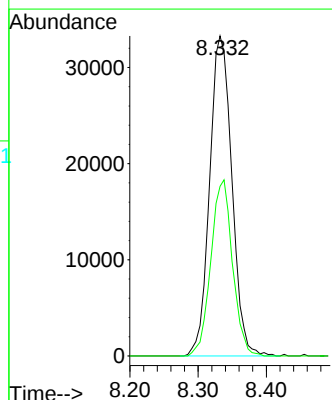
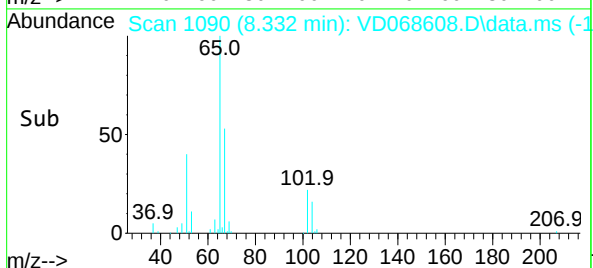
Tgt Ion: 56 Resp: 2567
Ion Ratio Lower Upper
56 100
69 184.9 30.1 45.1#
84 157.6 82.1 123.1#

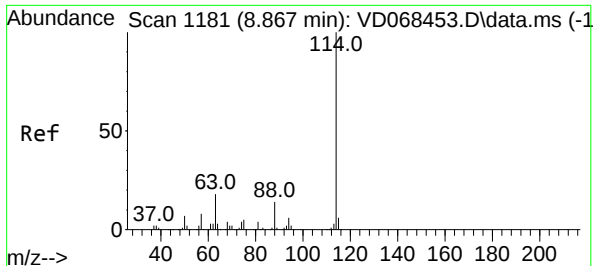


#33
1,2-Dichloroethane-d4
Concen: 57.13 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01



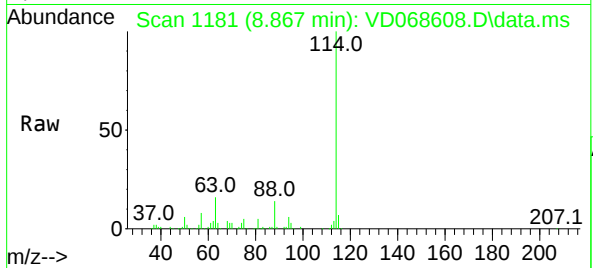
Tgt Ion: 65 Resp: 75584
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



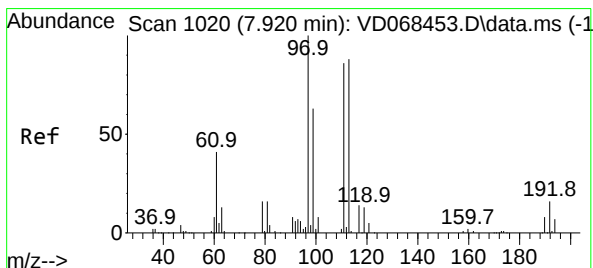
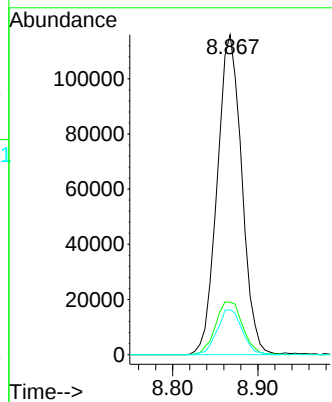
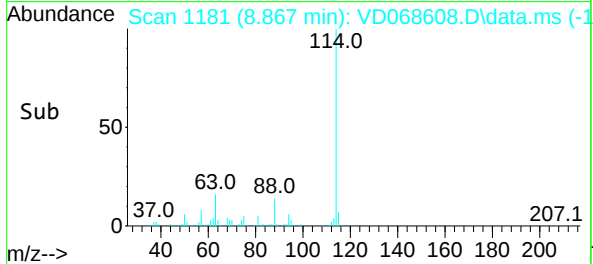


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

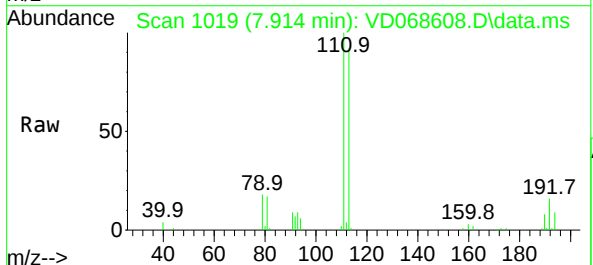
Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311



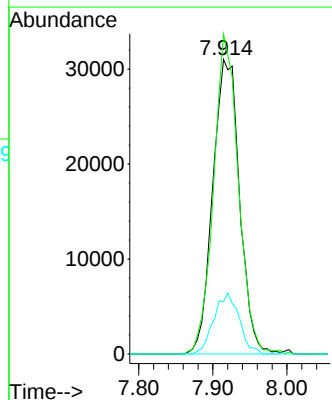
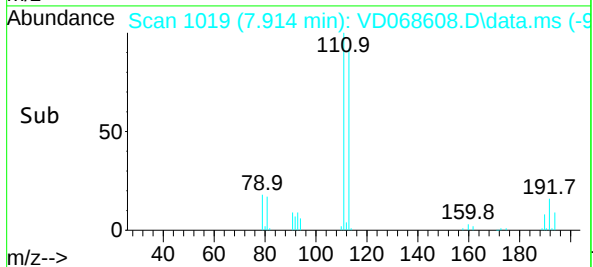
Tgt Ion:114 Resp: 232008
Ion Ratio Lower Upper
114 100
63 16.4 0.0 34.8
88 14.1 0.0 31.6

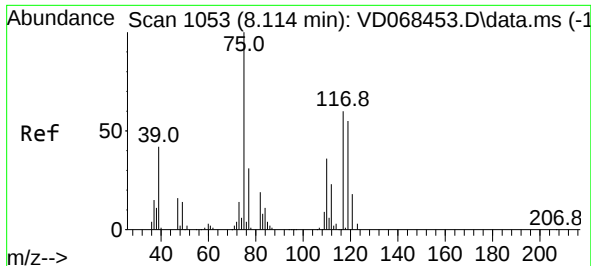


#35
Dibromofluoromethane
Concen: 55.88 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01



Tgt Ion:113 Resp: 78101
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.0
192 19.4 16.1 24.1

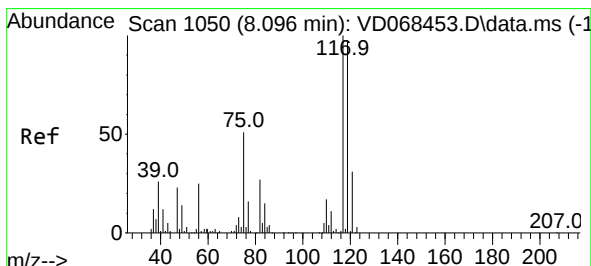
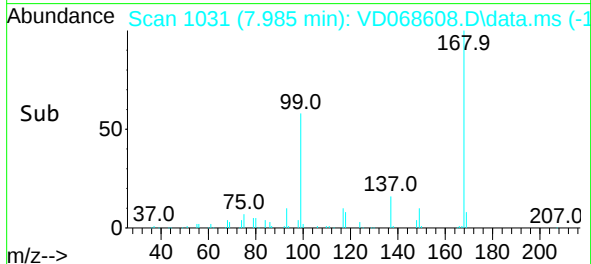
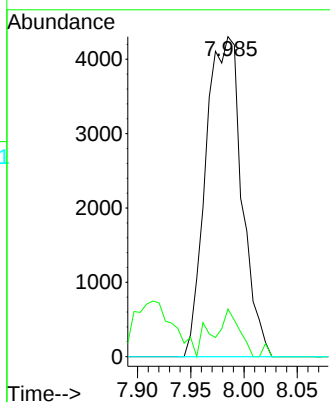
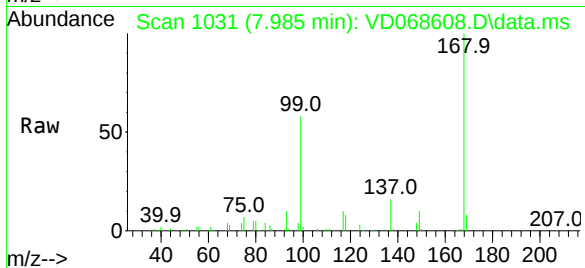




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

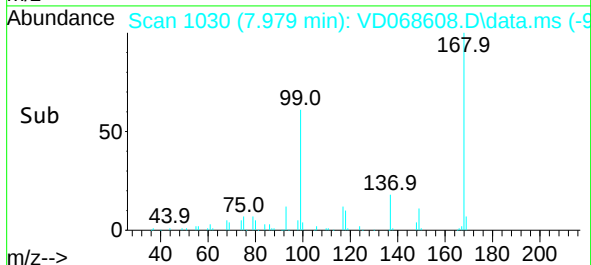
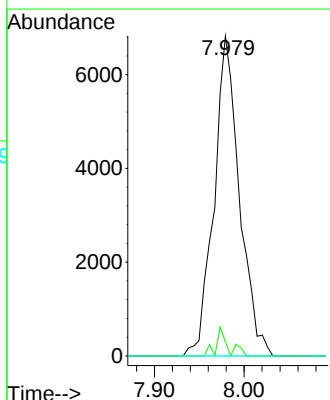
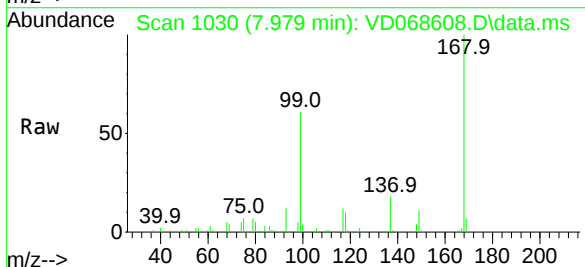
Instrument :
MSVOA_D
ClientSampleId :
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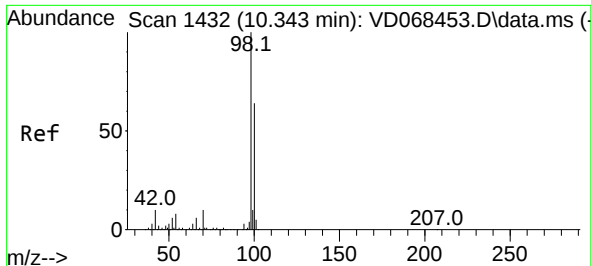
Tgt Ion: 75 Resp: 10112
Ion Ratio Lower Upper
75 100
110 10.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion: 117 Resp: 13407
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.7 37.1#

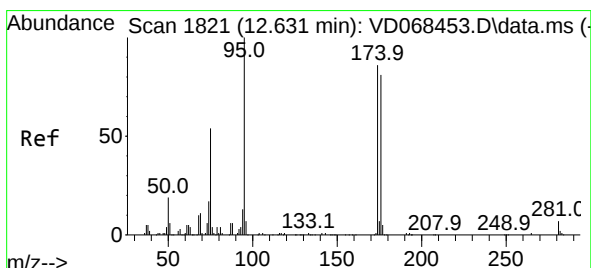
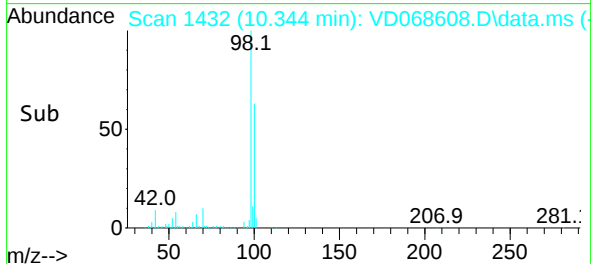
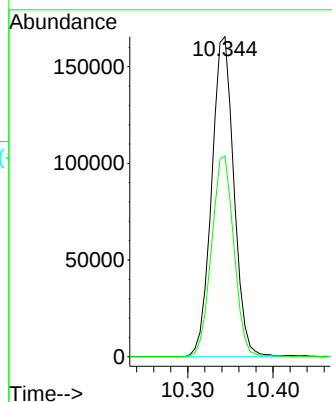
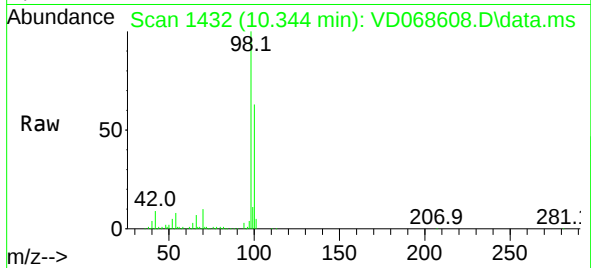




#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

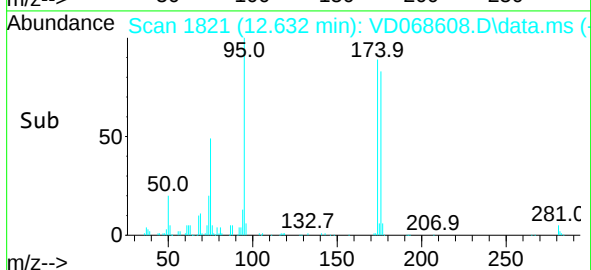
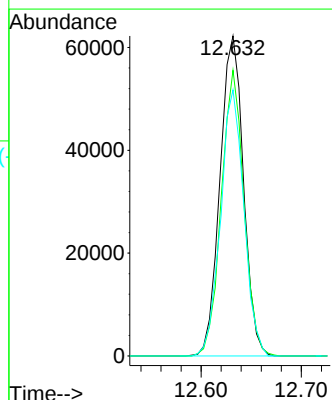
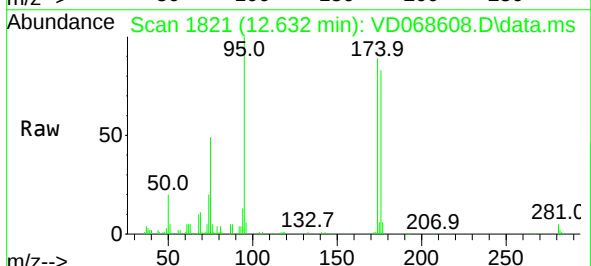
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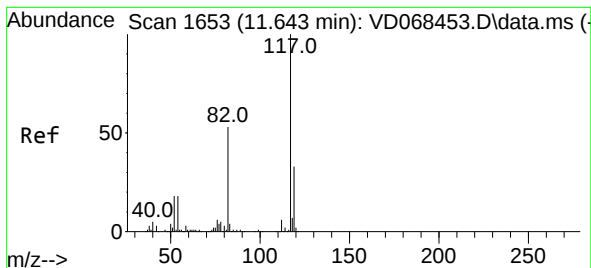
Tgt Ion: 98 Resp: 300048
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion: 95 Resp: 101134
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.4
176 82.4 0.0 168.4

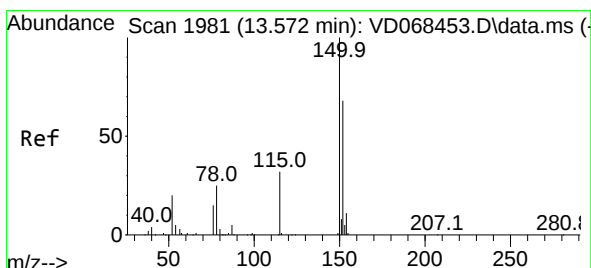
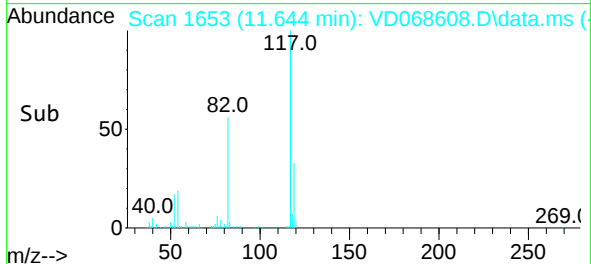
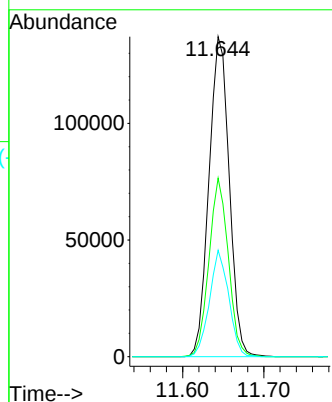
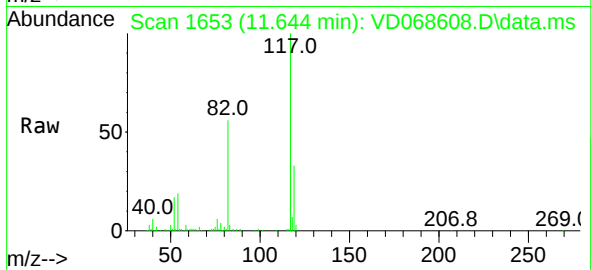




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

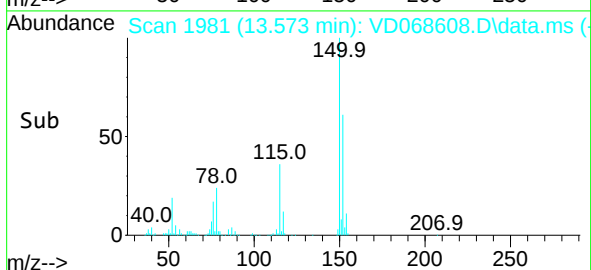
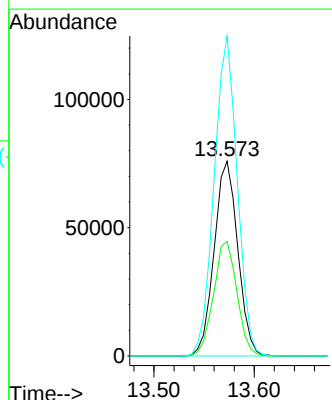
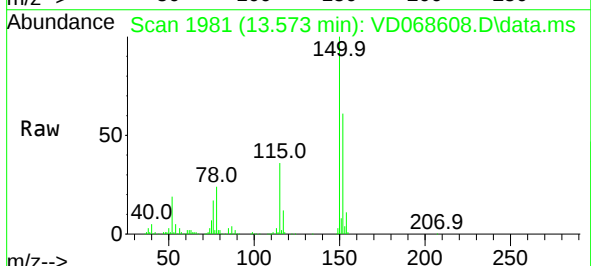
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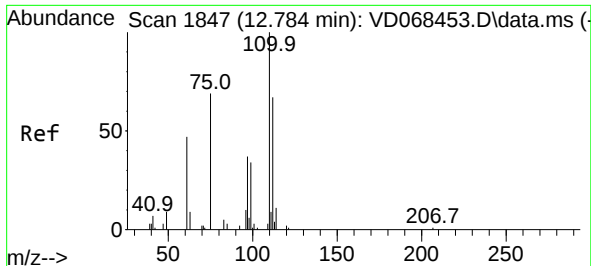
Tgt Ion:117 Resp: 238004
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 33.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion:152 Resp: 124094
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 160.6 0.0 344.4

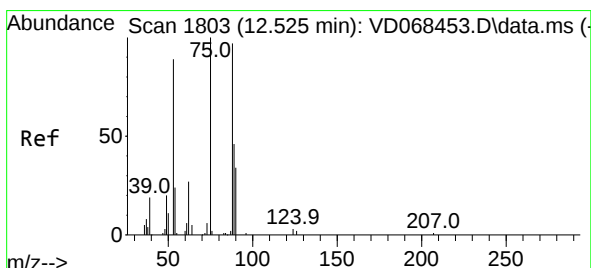
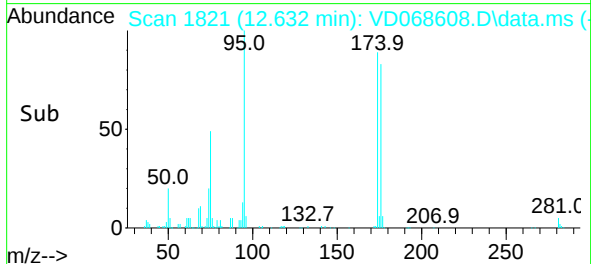
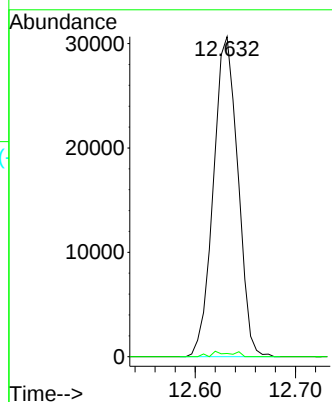
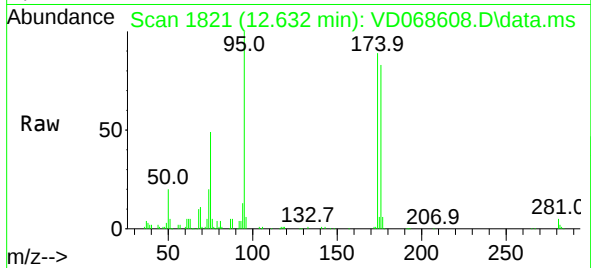




#76
1,2,3-Trichloropropane
Concen: 47.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

Tgt Ion: 75 Resp: 51919
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion: 75 Resp: 51919
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

