

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068603.D
 Acq On : 12 Mar 2021 13:40
 Operator : VA/SY
 Sample : M1673-01
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 12 23:35:16 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)

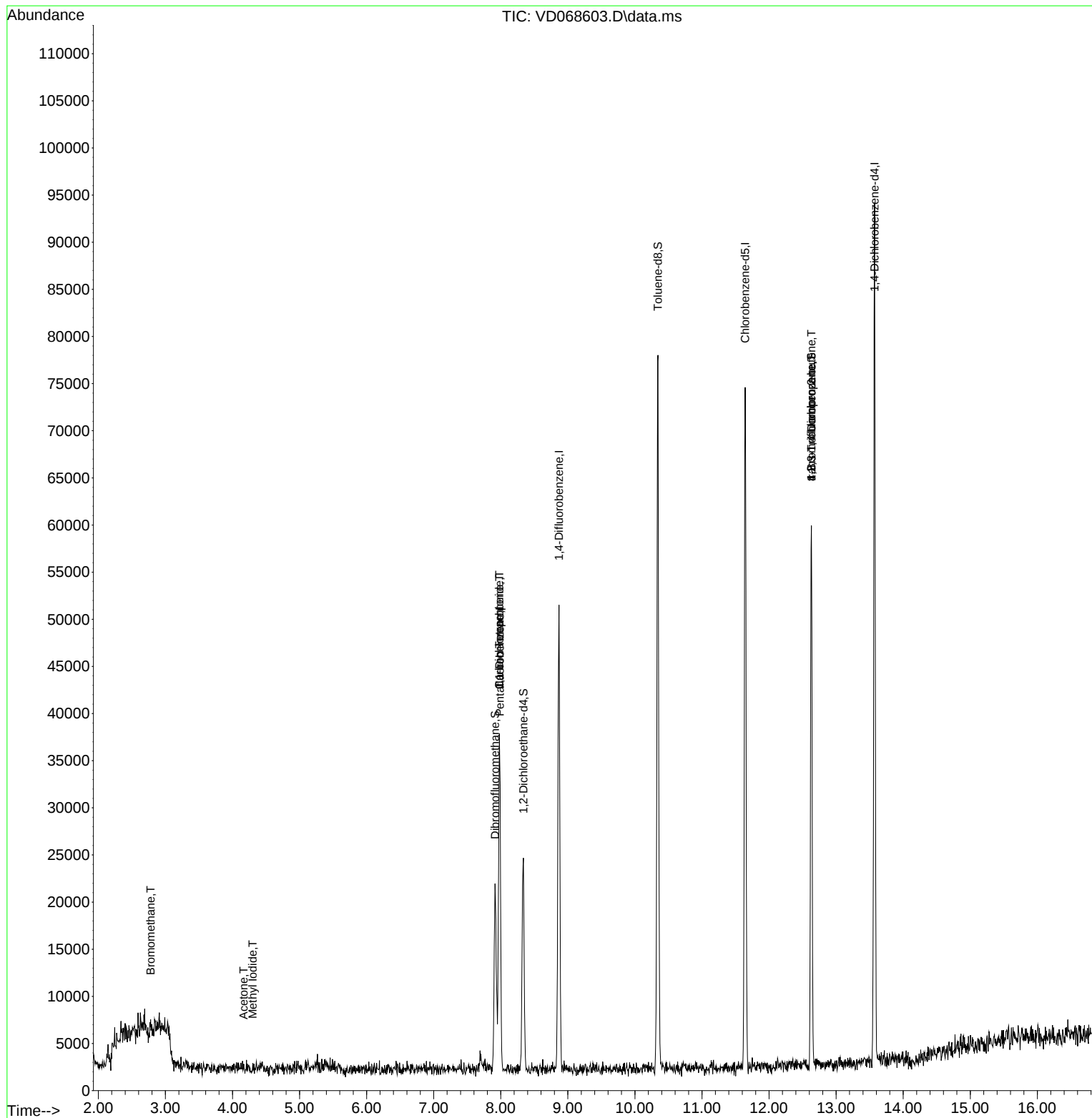
Internal Standards						
1) Pentafluorobenzene	7.985	168	26706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	44443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	46289	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	23852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	17426	65.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.62%			
35) Dibromofluoromethane	7.914	113	13773	51.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.88%			
50) Toluene-d8	10.344	98	55156	51.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.44%			
62) 4-Bromofluorobenzene	12.632	95	19060	55.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.92%			
Target Compounds						
5) Bromomethane	2.779	94	511	1.85	ug/l #	74
10) Methyl Iodide	4.303	142	137	3.02	ug/l #	38
16) Acetone	4.167	43	148	3.49	ug/l #	44
20) Methylene Chloride	4.967	84	309	Below Cal	#	55
36) 1,1-Dichloropropene	7.979	75	1936	4.58	ug/l #	42
38) Carbon Tetrachloride	7.979	117	2495	6.29	ug/l #	12
76) 1,2,3-Trichloropropane	12.632	75	10086	47.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	10086	111.16	ug/l #	13

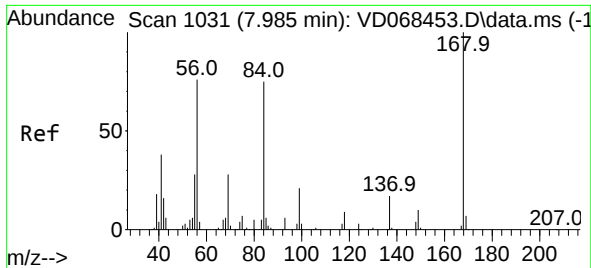
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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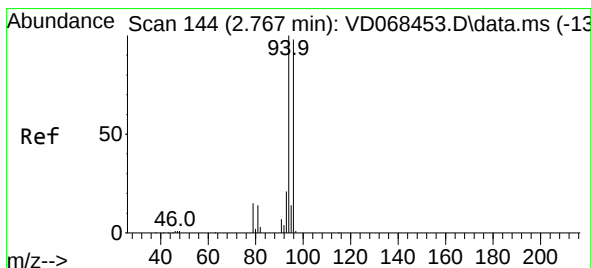
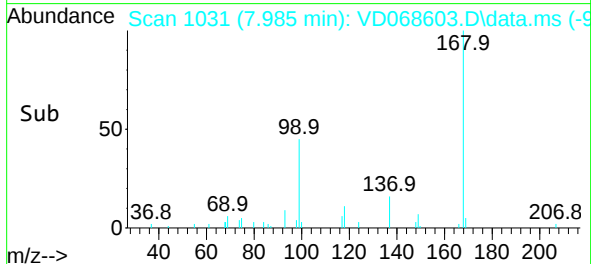
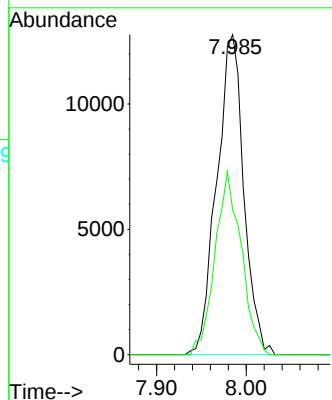
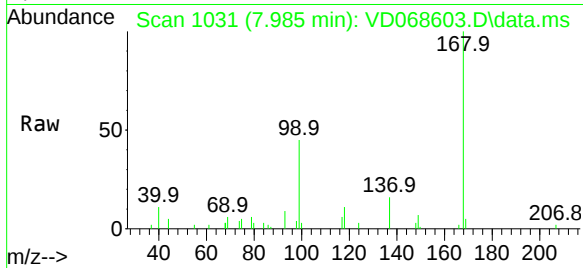




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

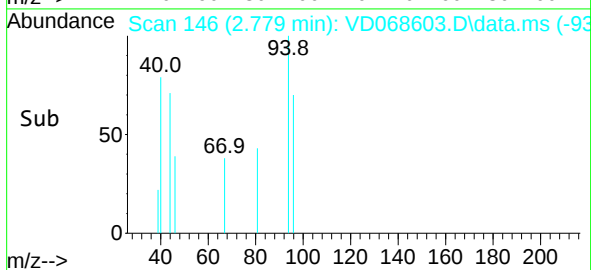
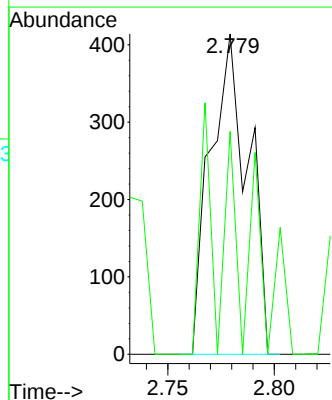
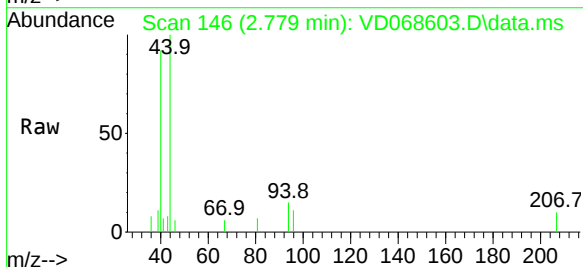
Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

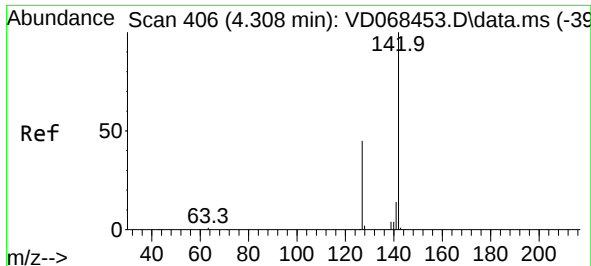
Tgt Ion:168 Resp: 26706
Ion Ratio Lower Upper
168 100
99 45.4 43.5 65.3



#5
Bromomethane
Concen: 1.85 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 69.6 75.8 113.8#

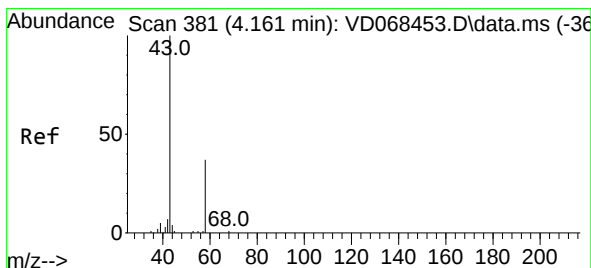
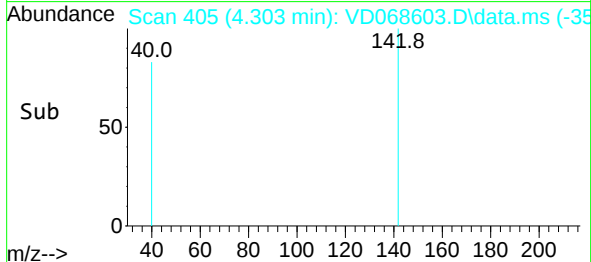
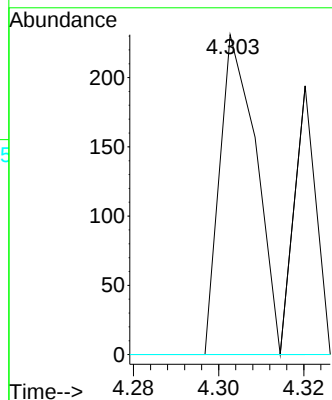
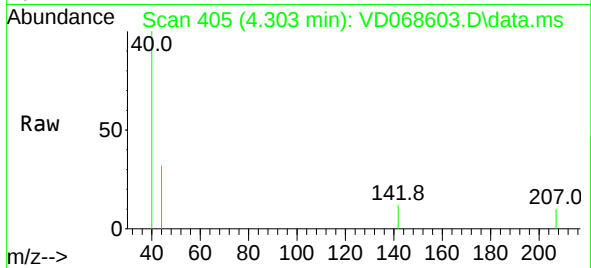




#10
Methyl Iodide
Concen: 3.02 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

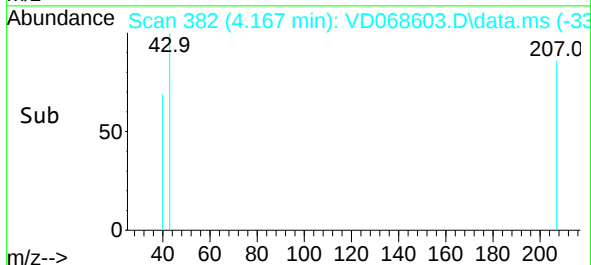
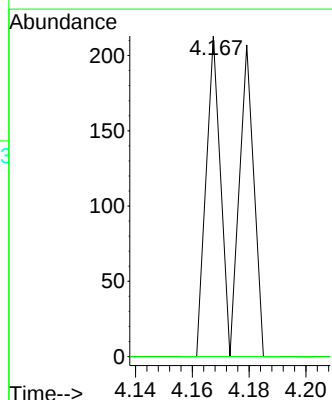
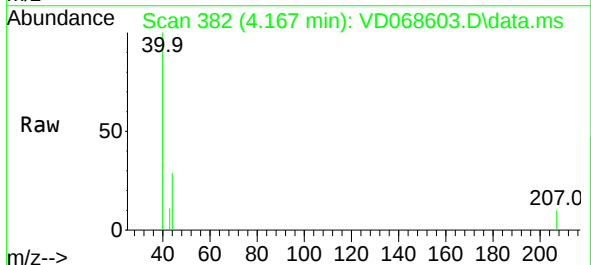
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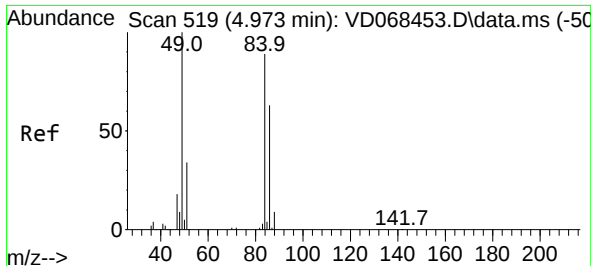
Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 3.49 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

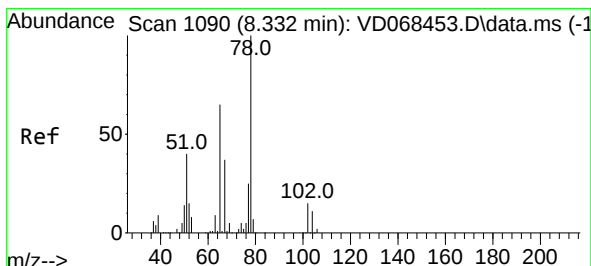
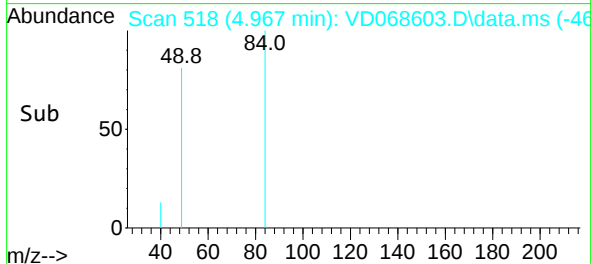
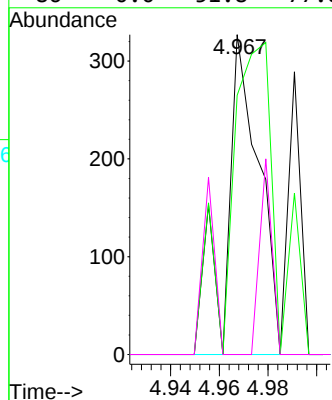
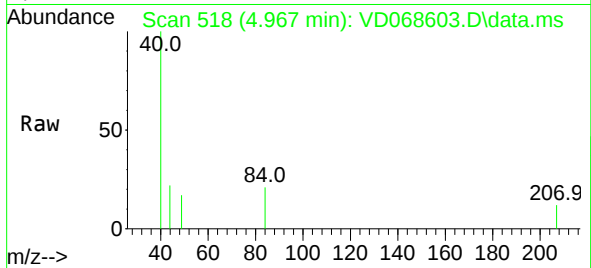




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

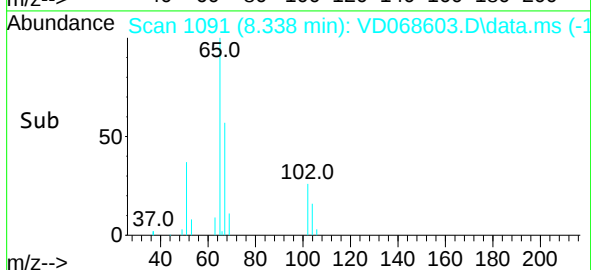
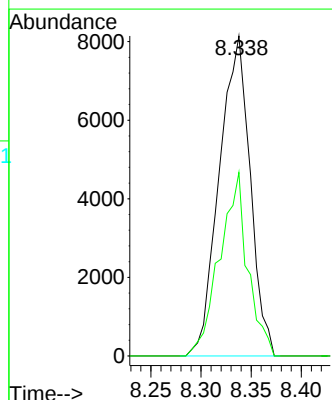
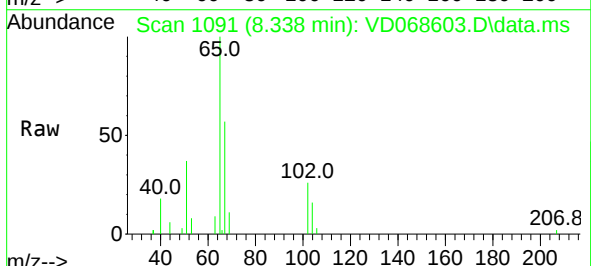
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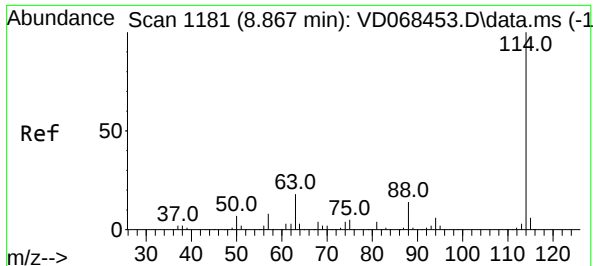
Tgt Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 81.0 77.4 116.2
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 65.31 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 65 Resp: 17426
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

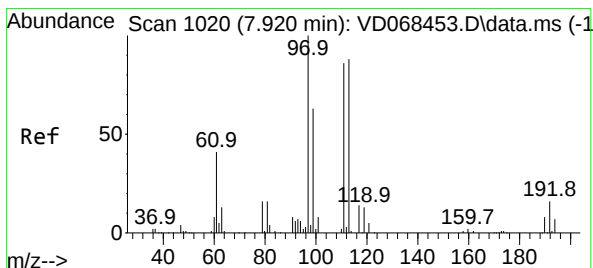
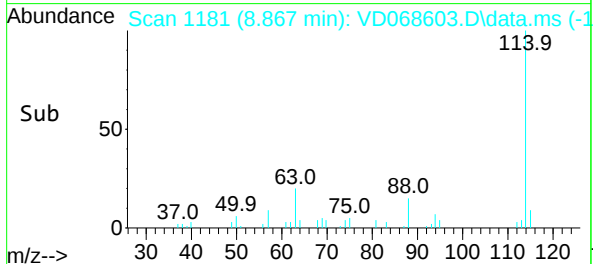
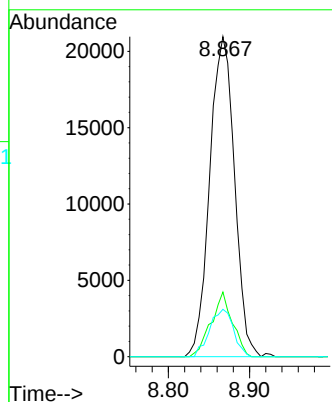
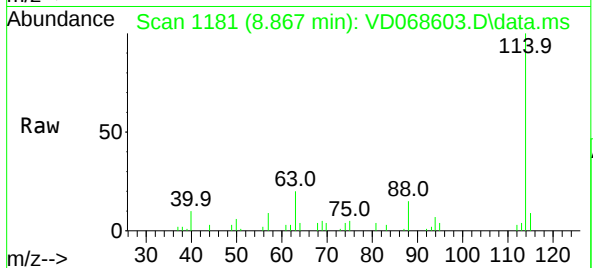




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

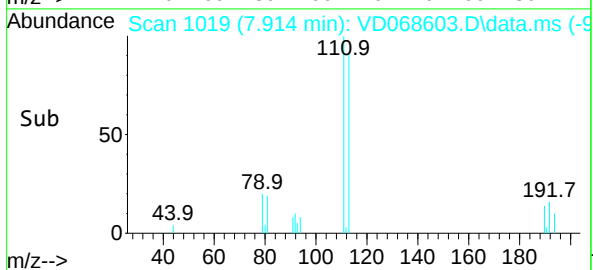
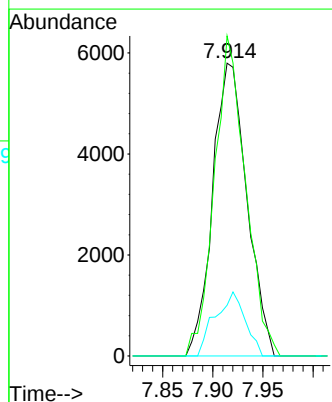
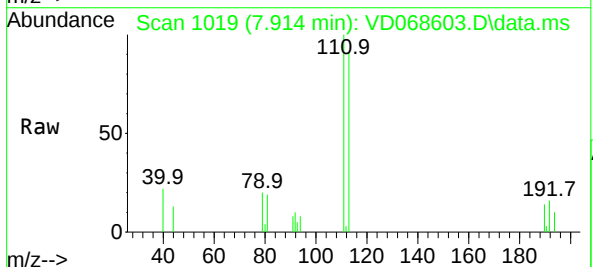
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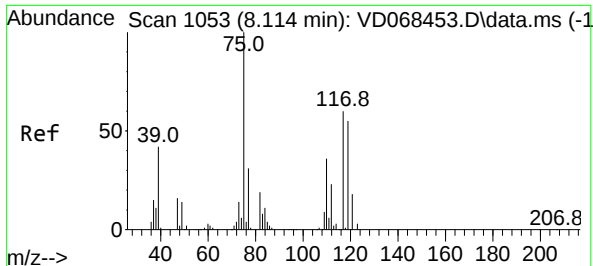
Tgt Ion:114	Resp:	44443
Ion Ratio	Lower	Upper
114	100	
63	20.2	0.0 34.8
88	14.8	0.0 31.6



#35
Dibromofluoromethane
Concen: 51.44 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion:113	Resp:	13773
Ion Ratio	Lower	Upper
113	100	
111	99.4	81.4 122.0
192	19.2	16.1 24.1

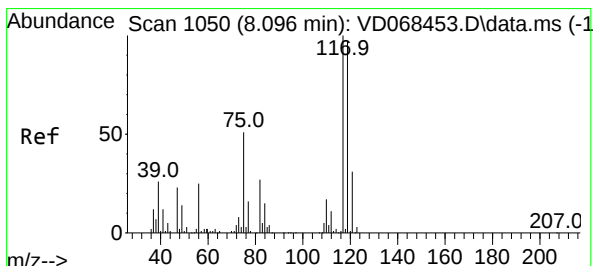
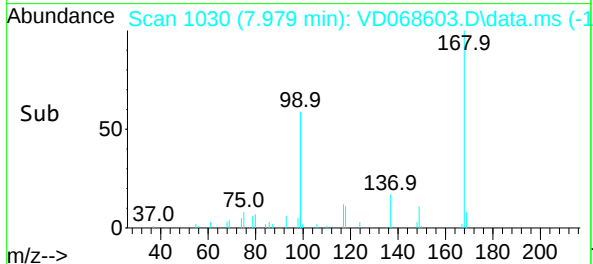
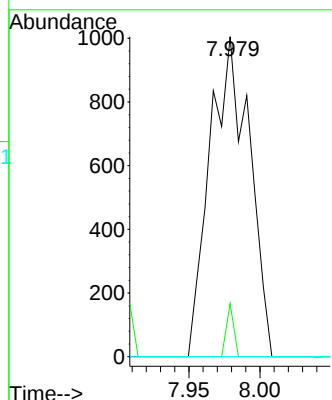
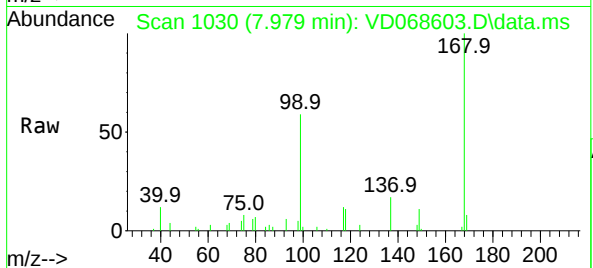




#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

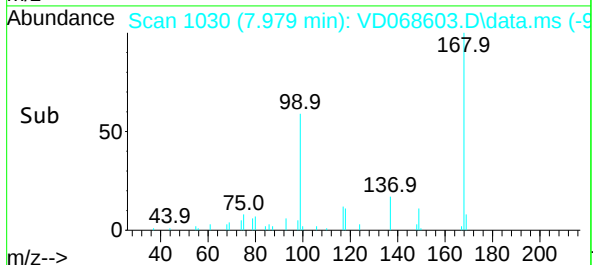
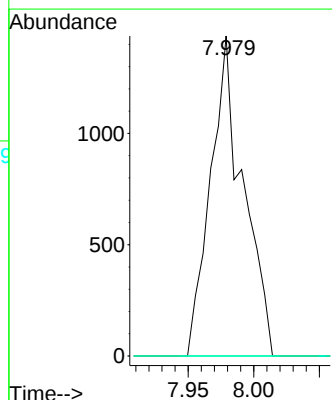
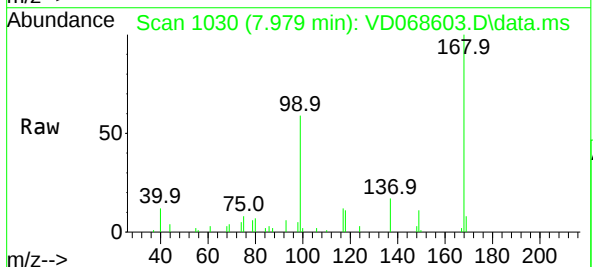
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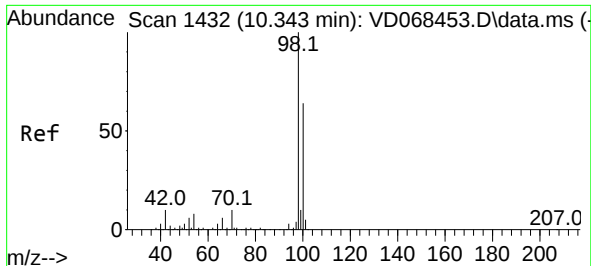
Tgt Ion: 75	Resp:	1936
Ion Ratio	Lower	Upper
75	100	
110	3.0	19.4 58.2#
77	0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 117	Resp:	2495
Ion Ratio	Lower	Upper
117	100	
119	0.0	77.3 115.9#
121	0.0	24.7 37.1#

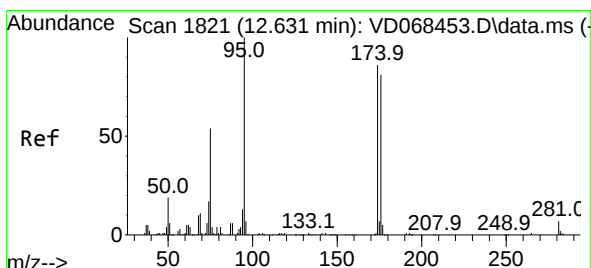
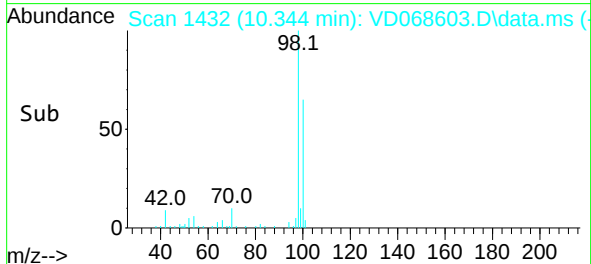
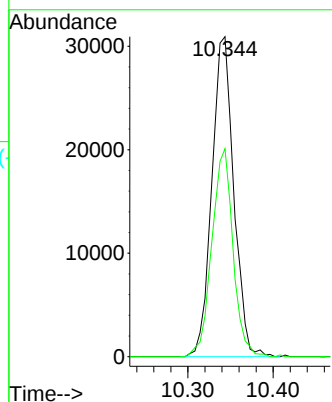
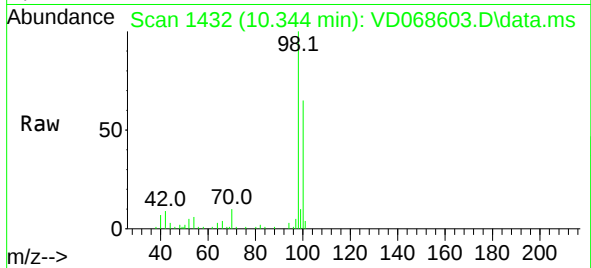




#50
Toluene-d8
Concen: 51.72 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

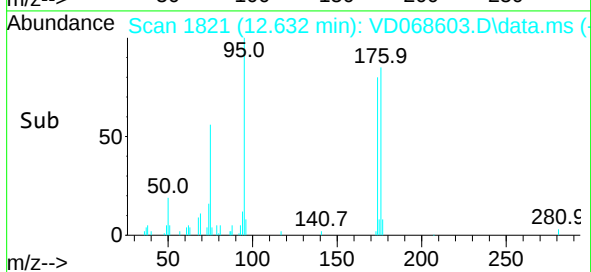
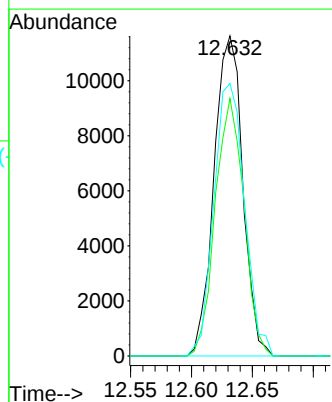
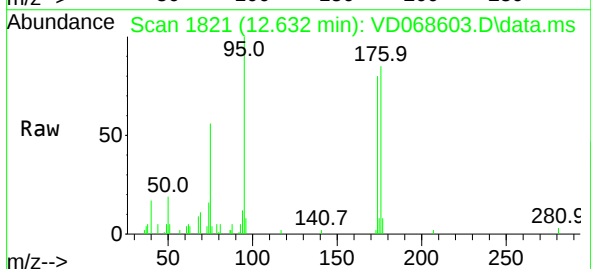
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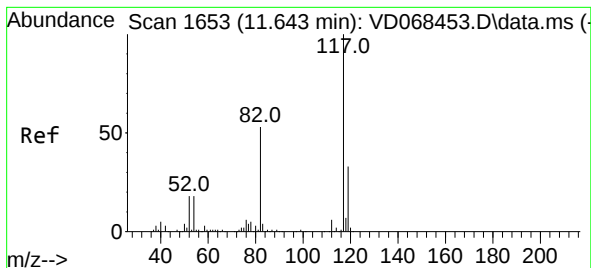
Tgt Ion: 98 Resp: 55156
Ion Ratio Lower Upper
98 100
100 62.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 95 Resp: 19060
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.4
176 91.1 0.0 168.4

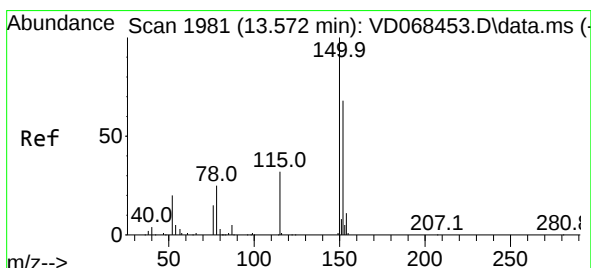
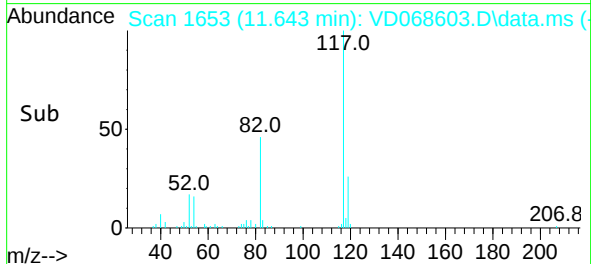
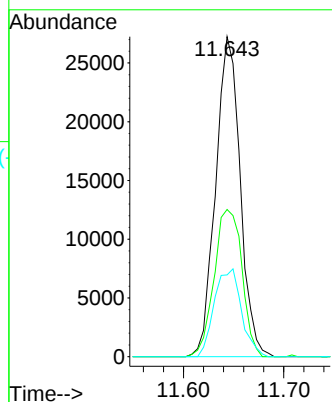
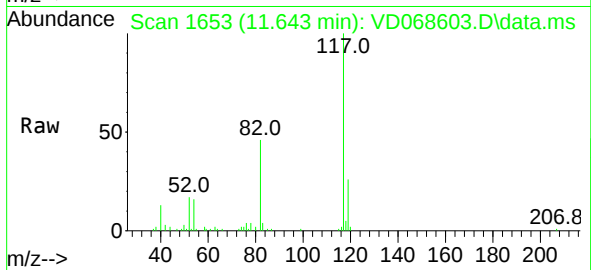




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

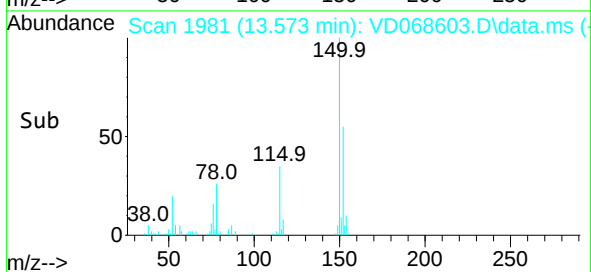
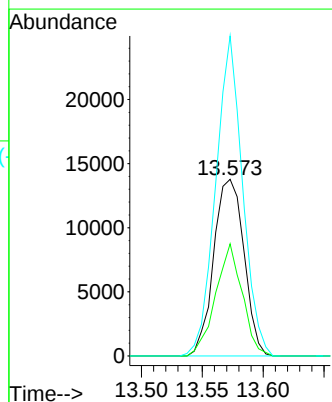
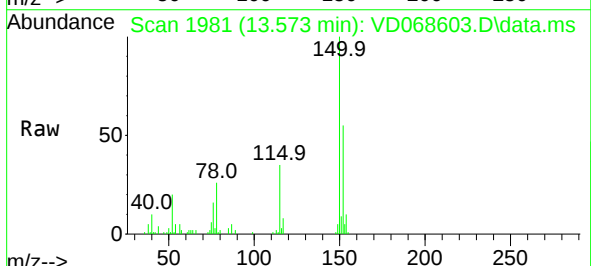
Instrument :
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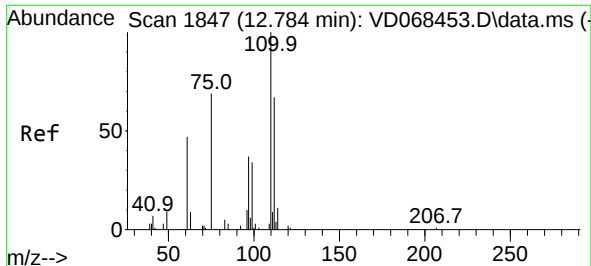
Tgt Ion:117 Resp: 46289
Ion Ratio Lower Upper
117 100
82 46.0 41.4 62.0
119 25.6 26.1 39.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion:152 Resp: 23852
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.8
150 160.6 0.0 344.4

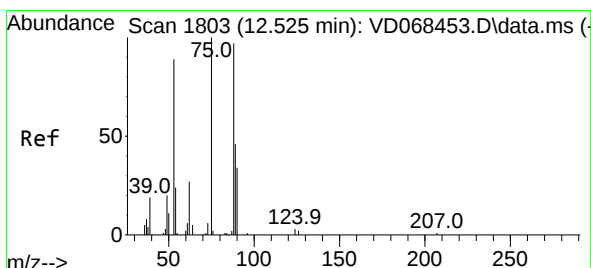
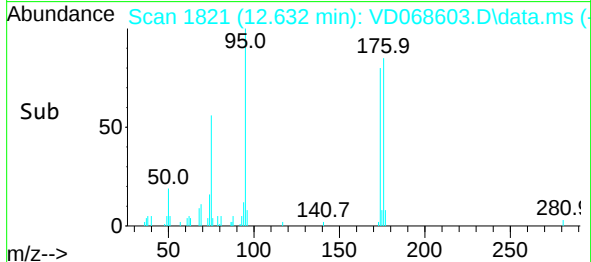
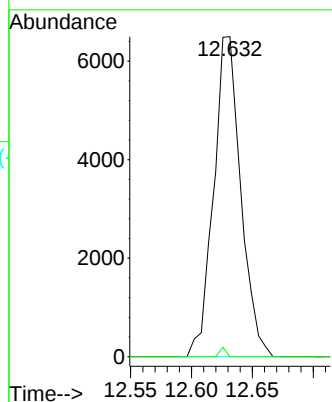
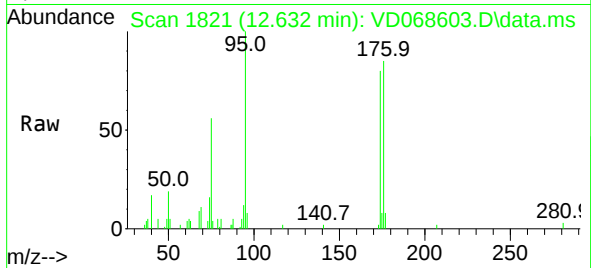




#76
1,2,3-Trichloropropane
Concen: 47.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

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

Tgt Ion: 75 Resp: 10086
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068603.D
Acq: 12 Mar 2021 13:40

Tgt Ion: 75 Resp: 10086
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

