

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068588.D
 Acq On : 11 Mar 2021 16:37
 Operator : VA/SY
 Sample : M1613-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:13:21 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

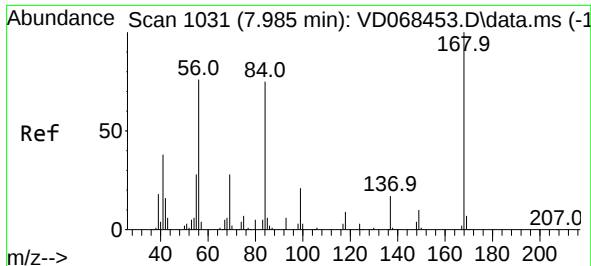
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	310225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	543745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	288585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	160269	51.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.42%	
35) Dibromofluoromethane	7.914	113	169290	49.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.54%	
50) Toluene-d8	10.344	98	706644	52.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.32%	
62) 4-Bromofluorobenzene	12.632	95	239216	54.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.58%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	226	2.67	ug/l #	38
16) Acetone	4.167	43	599	1.22	ug/l #	44
20) Methylene Chloride	4.967	84	10771	Below	Cal	89
31) Cyclohexane	7.985	56	7062	1.25	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	23278	4.34	ug/l #	42
38) Carbon Tetrachloride	7.979	117	30594	6.07	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	124090	48.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	124090	113.03	ug/l #	13

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

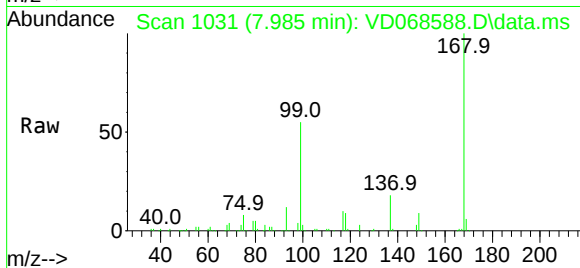
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Quant Title : SW846 8260
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Response via : Initial Calibration



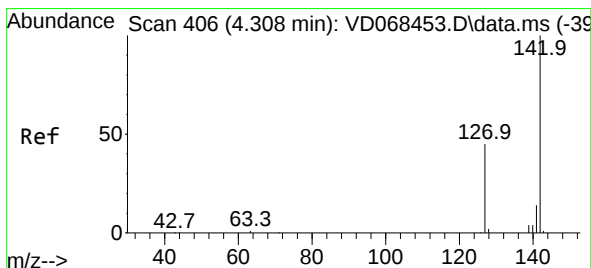
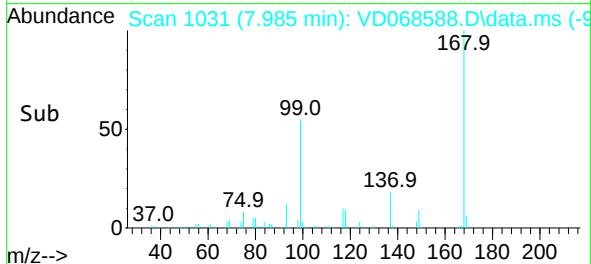
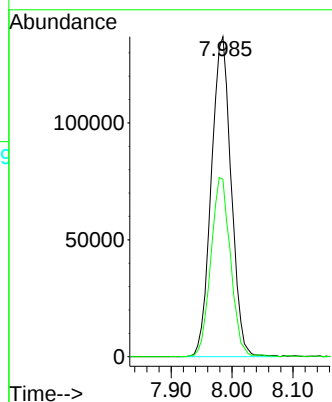


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Instrument :
MSVOA_D
ClientSampled :

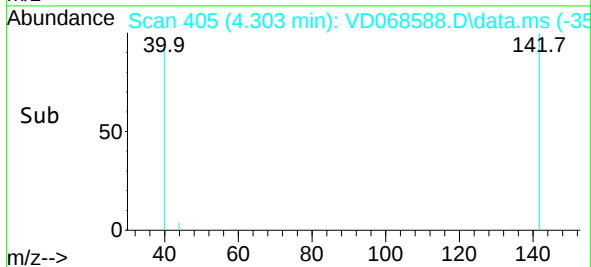
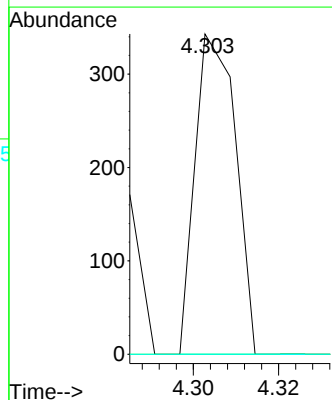
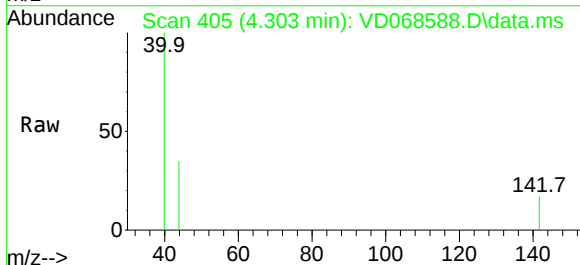


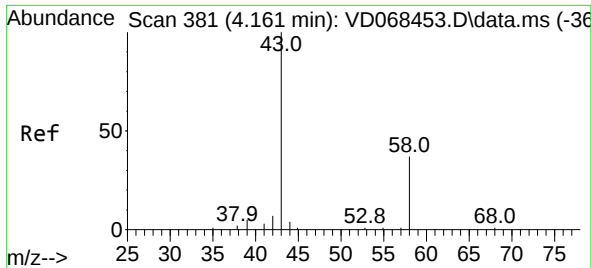
Tgt Ion:168 Resp: 310225
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.67 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

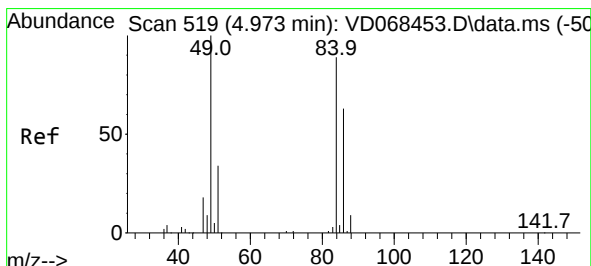
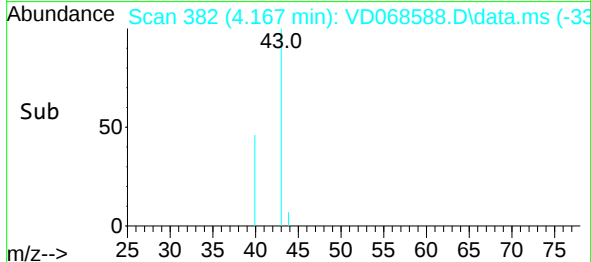
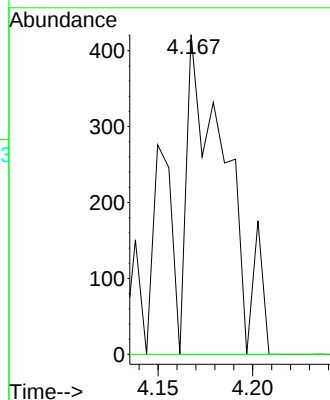
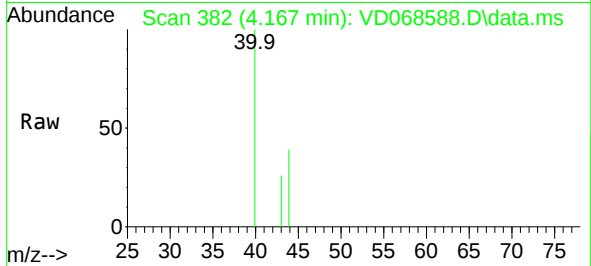




#16
Acetone
Concen: 1.22 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

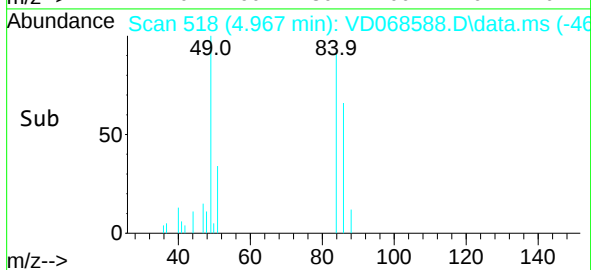
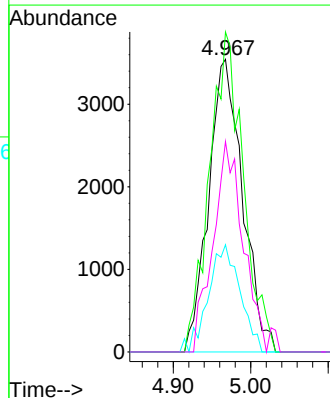
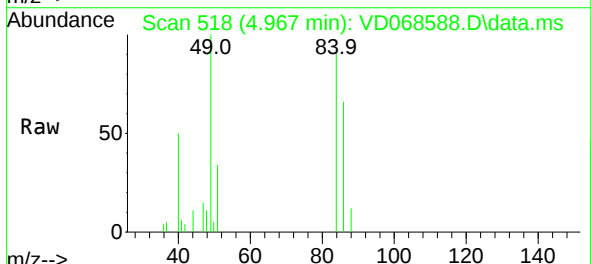
Instrument :
MSVOA_D
ClientSampled :

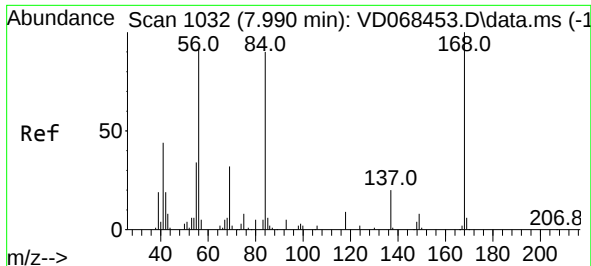
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 84 Resp: 10771
Ion Ratio Lower Upper
84 100
49 109.4 77.4 116.2
51 36.7 26.1 39.1
86 71.9 51.8 77.8

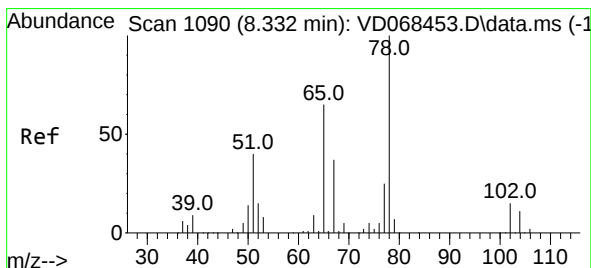
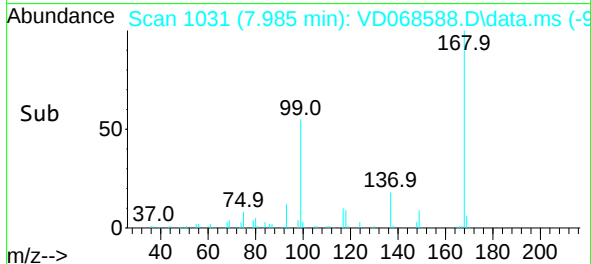
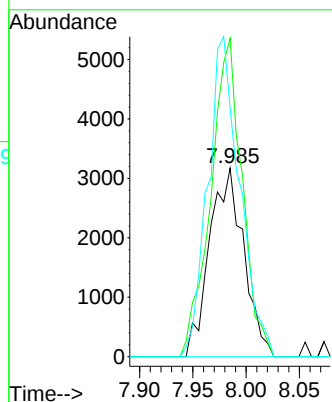
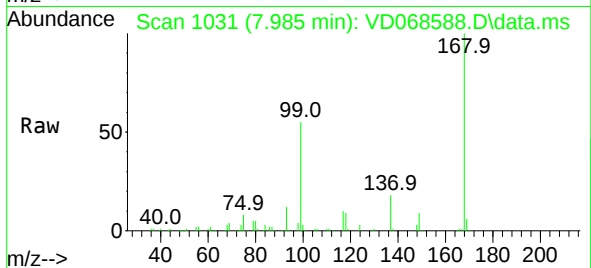




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

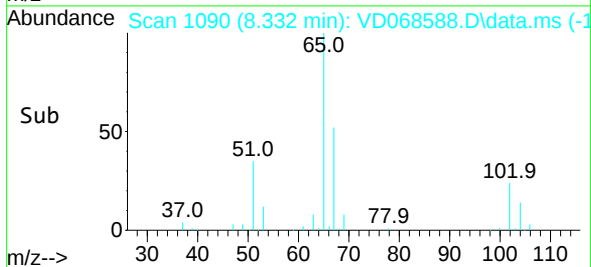
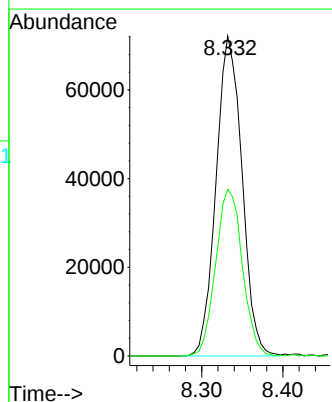
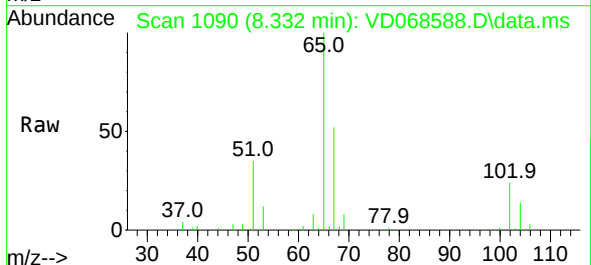
Instrument :
MSVOA_D
ClientSampleId :

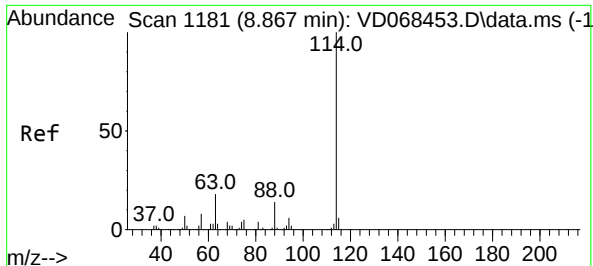
Tgt Ion: 56 Resp: 7062
Ion Ratio Lower Upper
56 100
69 168.9 30.1 45.1#
84 131.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 51.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 65 Resp: 160269
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



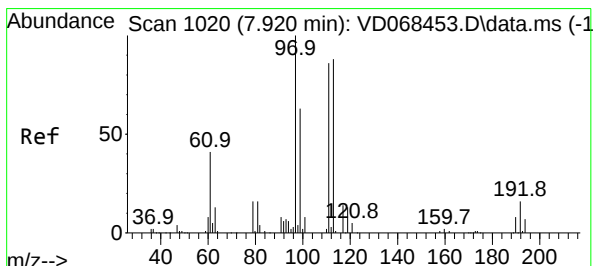
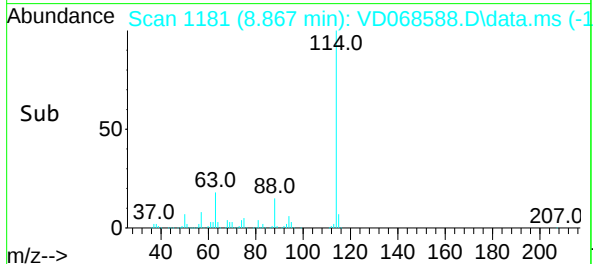
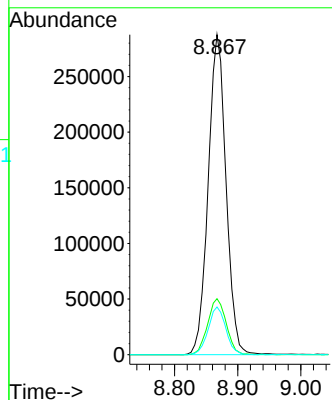
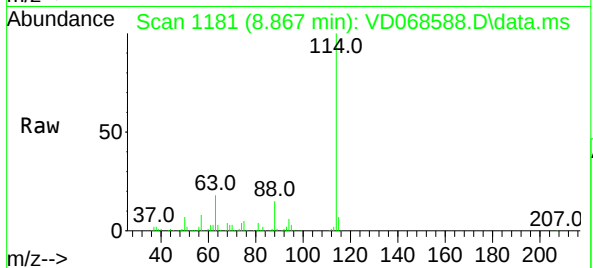


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Instrument :
MSVOA_D
ClientSampled :

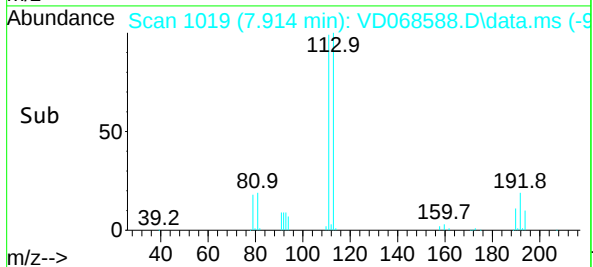
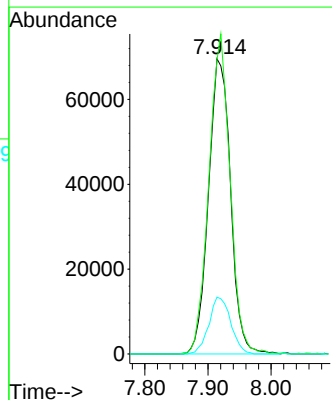
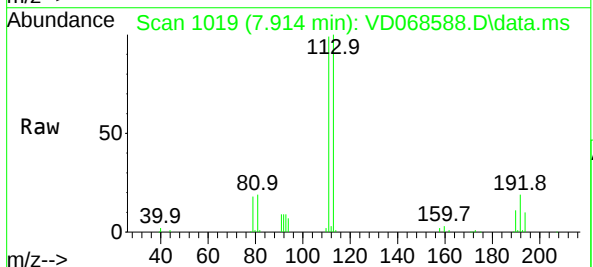
Tgt Ion:114 Resp: 564612
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 14.9 0.0 31.6

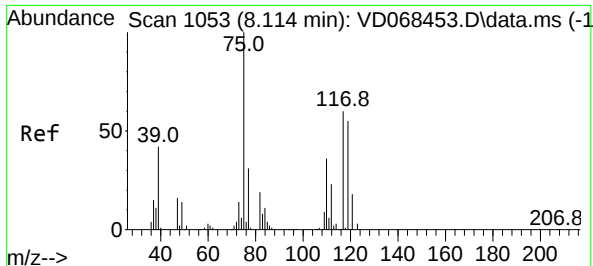


#35

Dibromofluoromethane
Concen: 49.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion:113 Resp: 169290
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 19.0 16.1 24.1

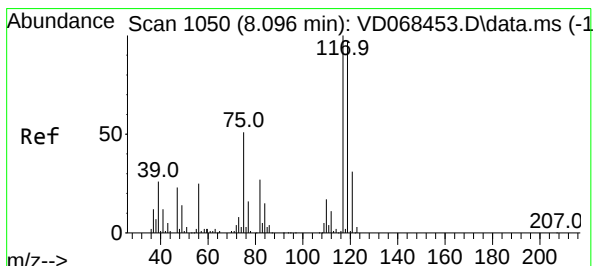
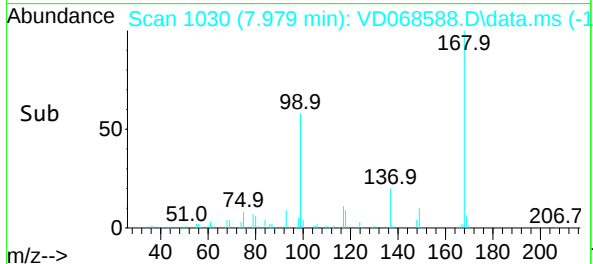
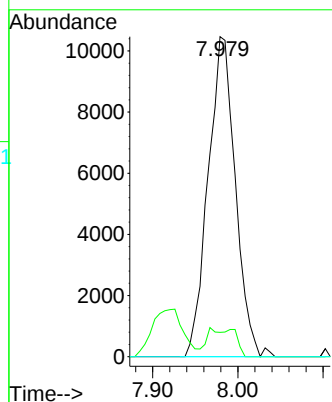
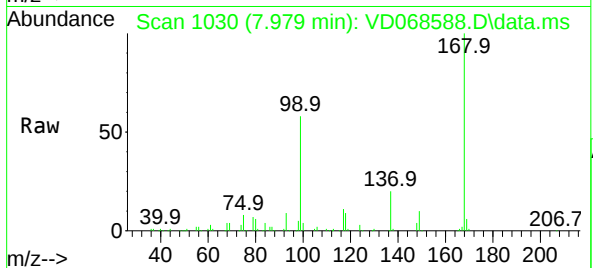




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

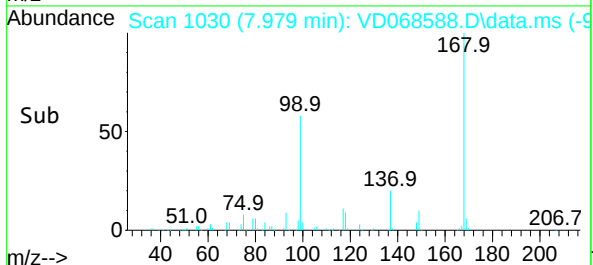
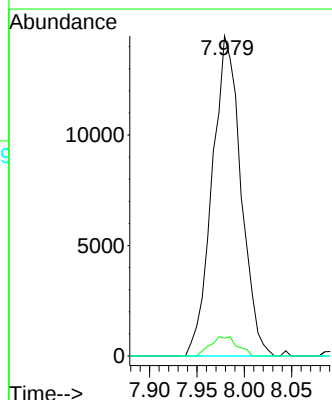
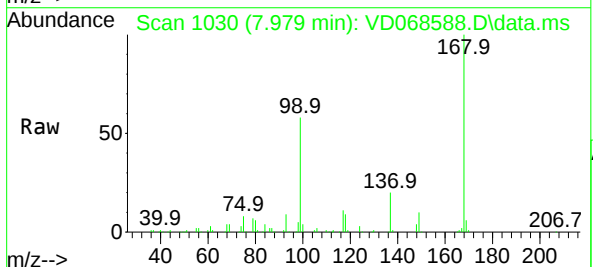
Instrument :
MSVOA_D
ClientSampled :

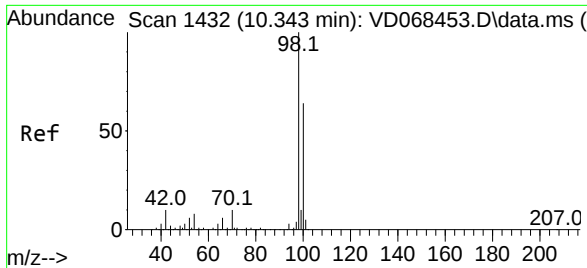
Tgt Ion: 75 Resp: 23278
Ion Ratio Lower Upper
75 100
110 3.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 117 Resp: 30594
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.7 37.1#

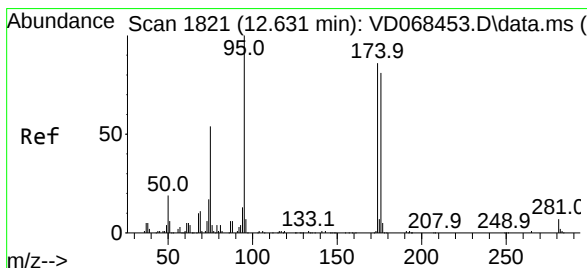
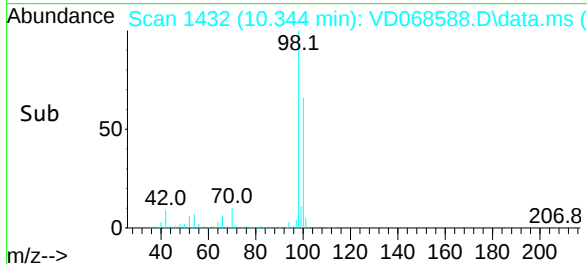
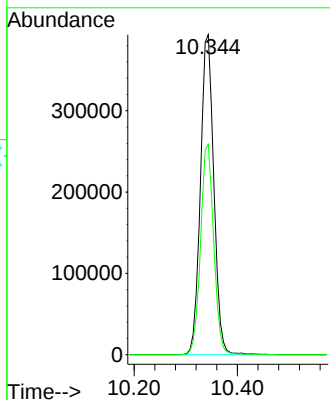
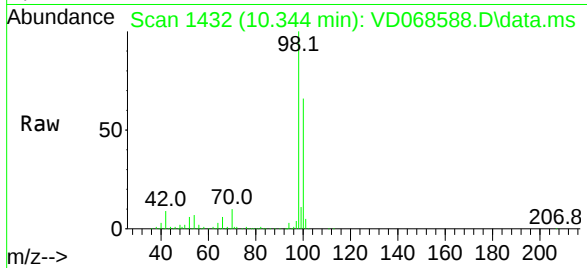




#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

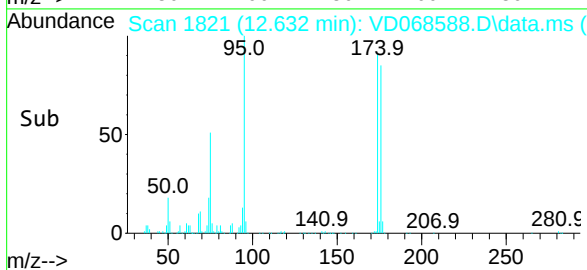
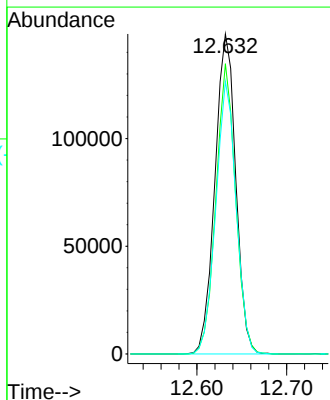
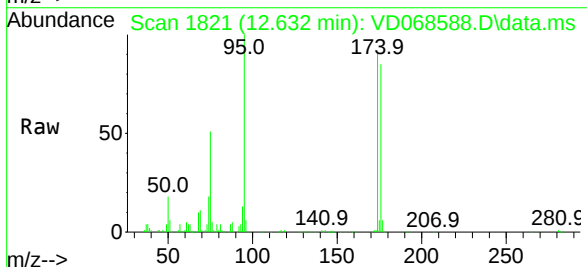
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MSVOA_D
ClientSampled :

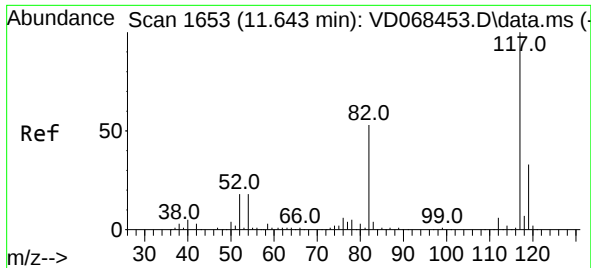
Tgt Ion: 98 Resp: 706644
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 95 Resp: 239216
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.4
176 83.1 0.0 168.4

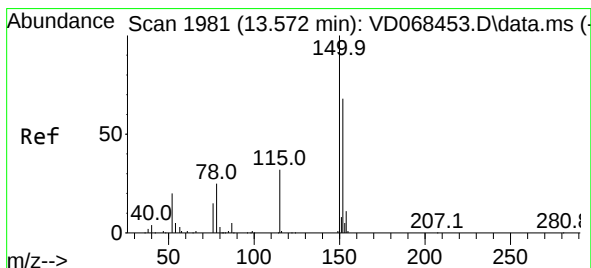
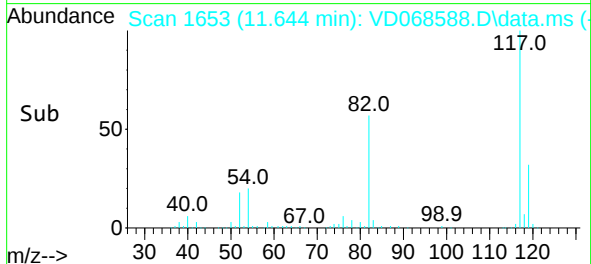
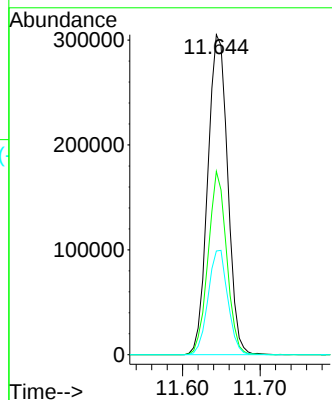
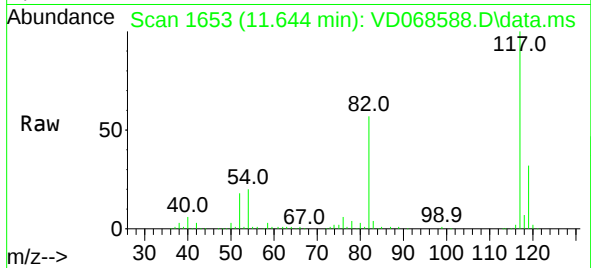




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

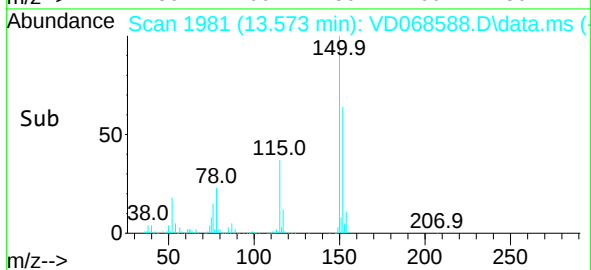
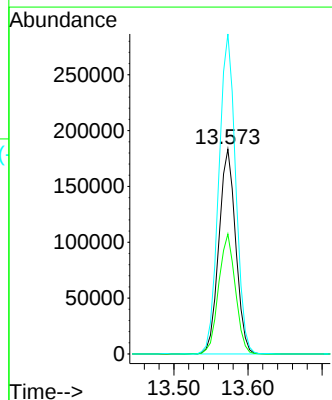
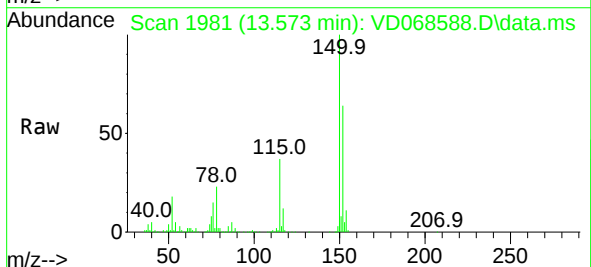
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MSVOA_D
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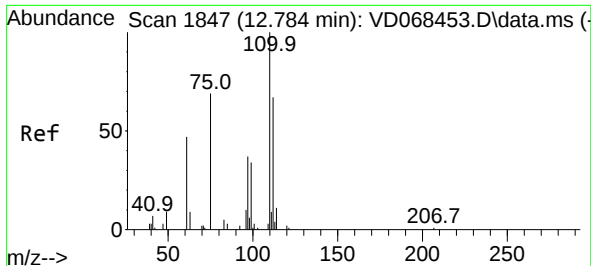
Tgt Ion:117 Resp: 543745
Ion Ratio Lower Upper
117 100
82 57.3 41.4 62.0
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion:152 Resp: 288585
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 157.0 0.0 344.4

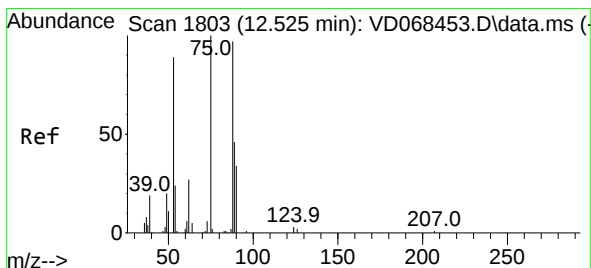
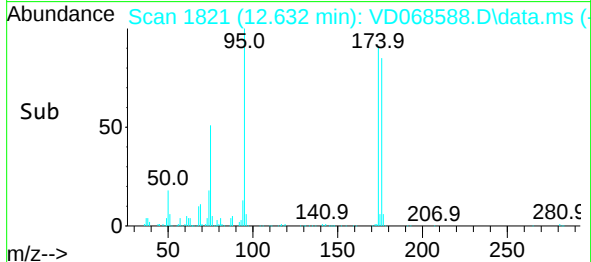
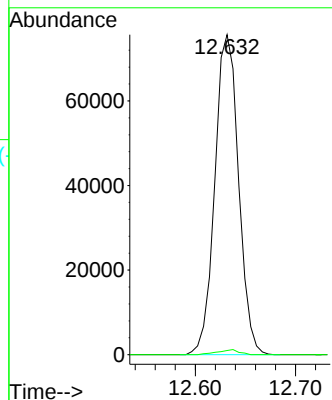
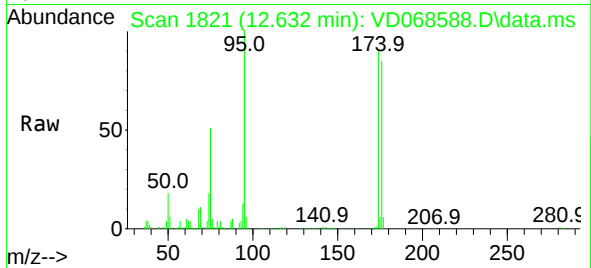




#76
1,2,3-Trichloropropane
Concen: 48.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 124090
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 75 Resp: 124090
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

