

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068114.D
 Acq On : 20 Jan 2021 15:46
 Operator : VA/SY
 Sample : M1160-13RE
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-6

Quant Time: Jan 20 16:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

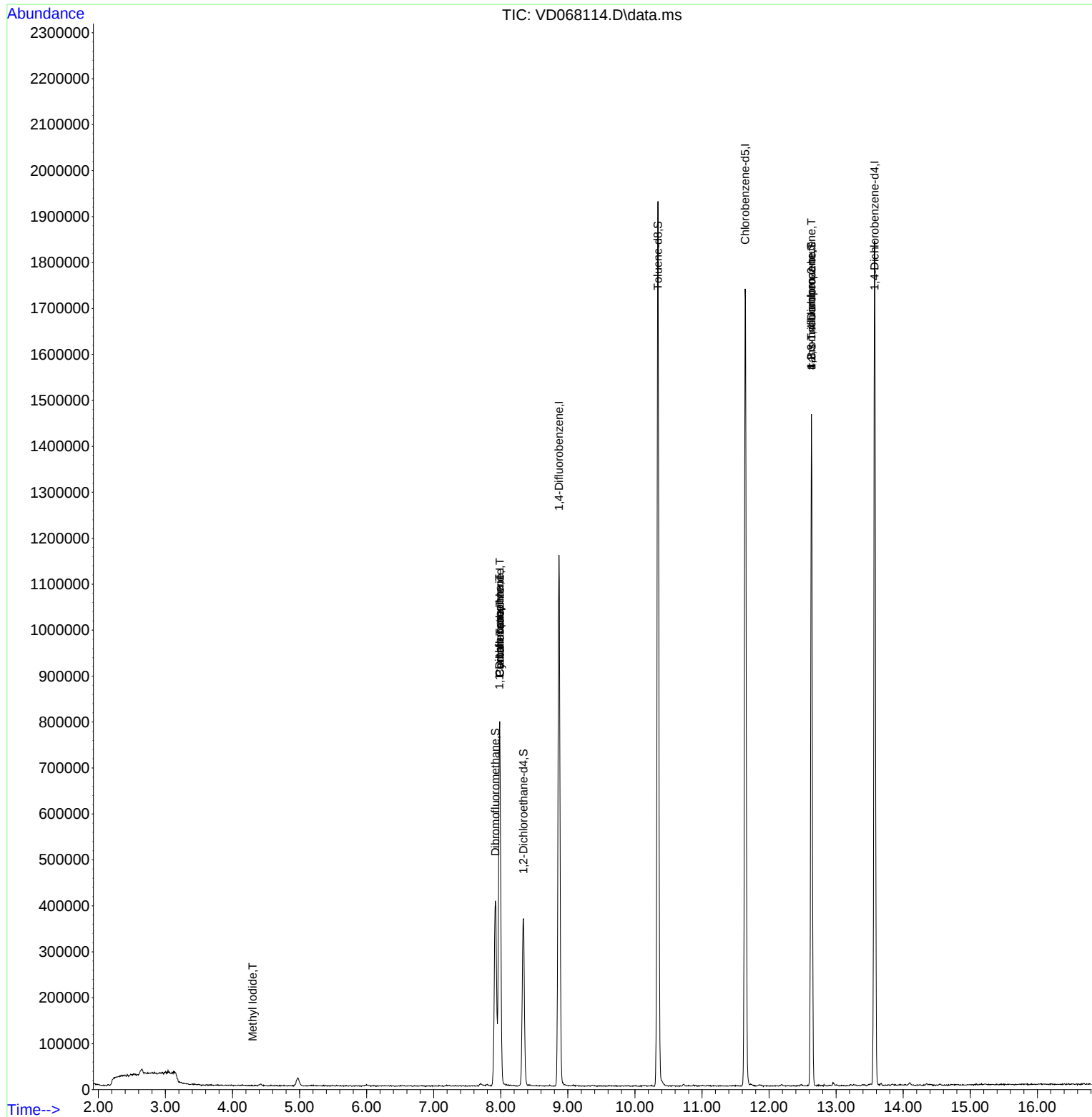
Internal Standards						
1) Pentafluorobenzene	7.985	168	600146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1041708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1047583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	502958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	300699	52.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.76%			
35) Dibromofluoromethane	7.920	113	301779	52.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.80%			
50) Toluene-d8	10.344	98	1320022	57.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.60%			
62) 4-Bromofluorobenzene	12.632	95	512741	61.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.62%			
Target Compounds						
10) Methyl Iodide	4.303	142	415	3.21	ug/l #	38
11) Tert butyl alcohol	5.226	59	208	Below Cal	#	1
20) Methylene Chloride	4.973	84	13710	Below Cal	#	88
31) Cyclohexane	7.985	56	13714	1.10	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	47798	4.55	ug/l #	48
38) Carbon Tetrachloride	7.985	117	61877	6.29	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	260308	53.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	260308	108.32	ug/l #	13

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

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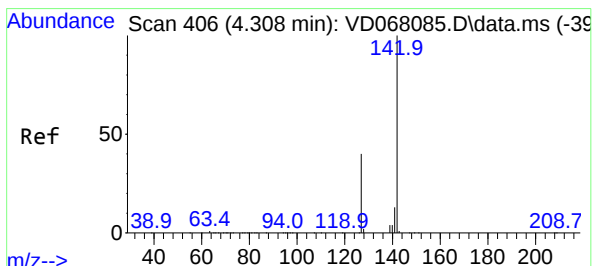
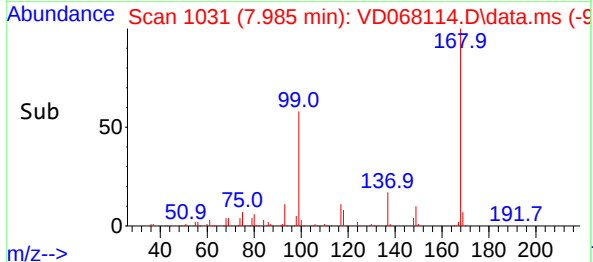
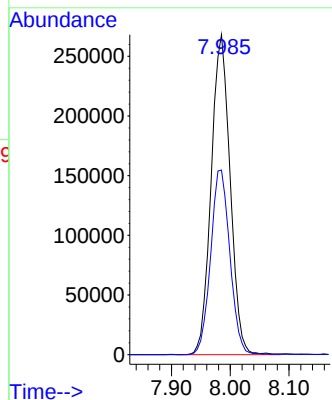
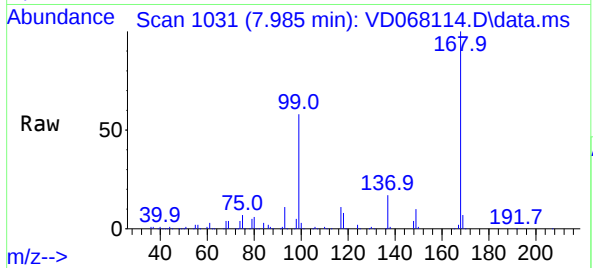




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

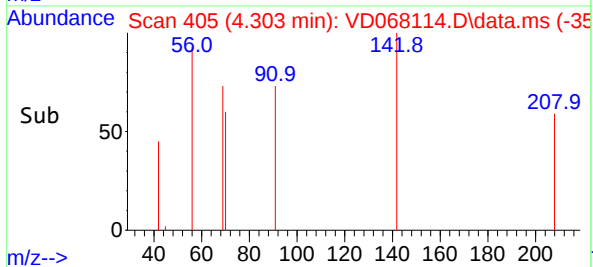
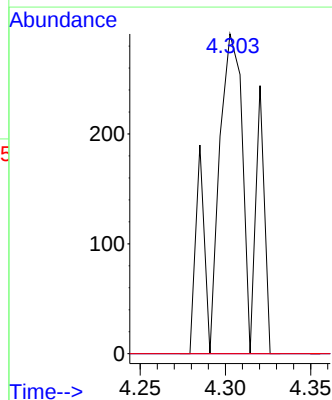
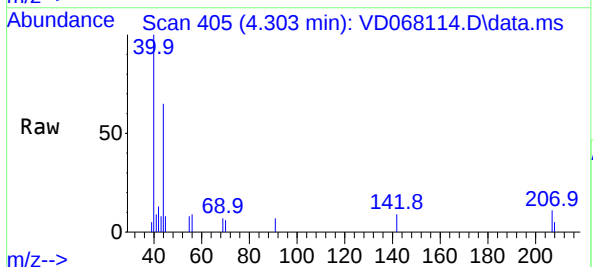
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

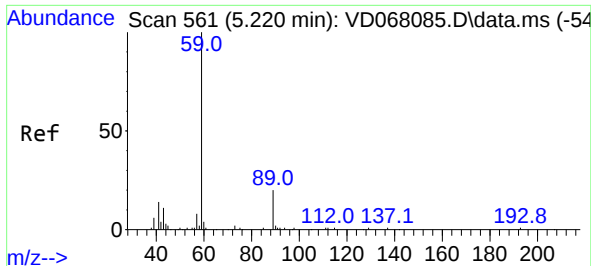
Tgt Ion:168 Resp: 600146
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.21 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion:142 Resp: 415
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

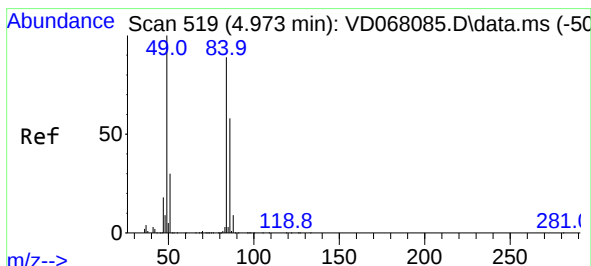
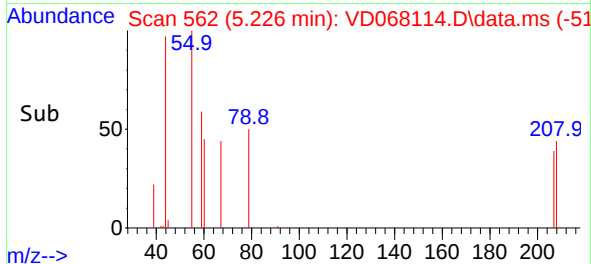
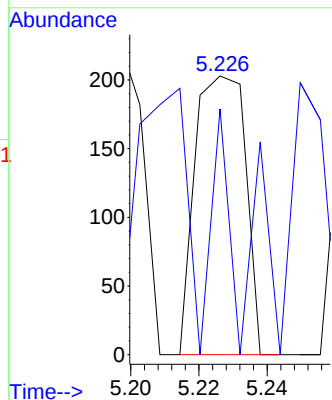
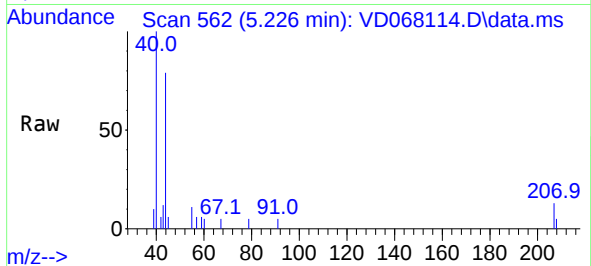




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

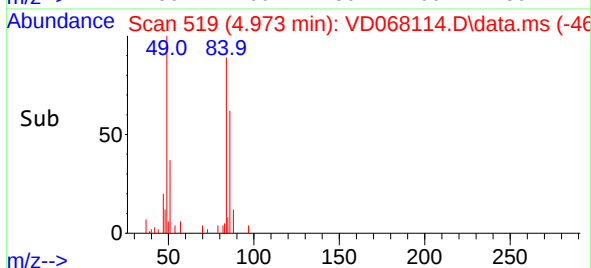
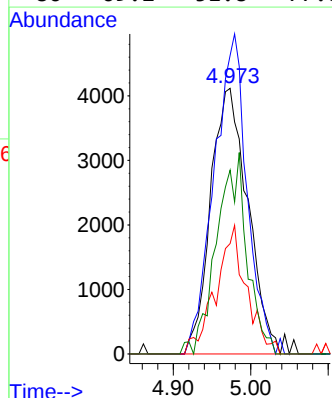
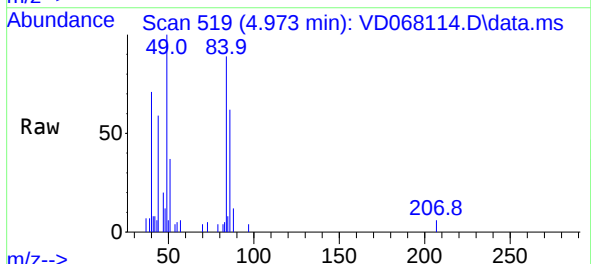
Instrument :
MSVOA_D
ClientSampled :
BASIN-6

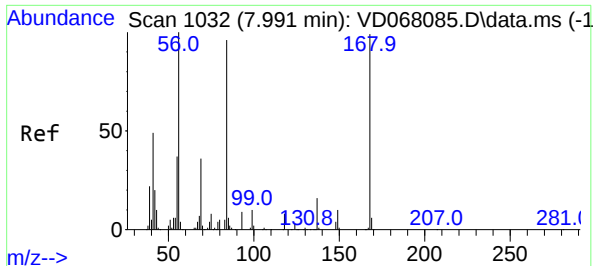
Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 92.3 7.4 11.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 84 Resp: 13710
Ion Ratio Lower Upper
84 100
49 112.4 77.4 116.2
51 41.6 26.1 39.1#
86 69.2 51.8 77.8

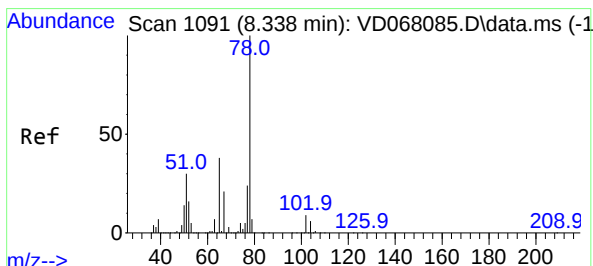
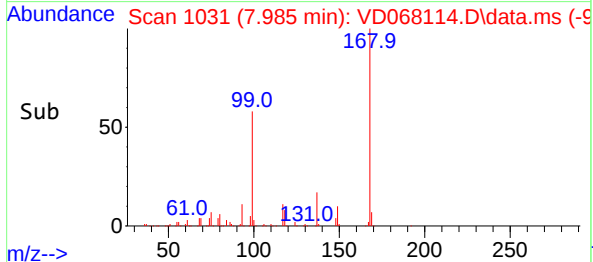
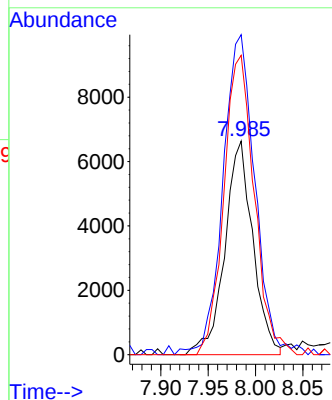
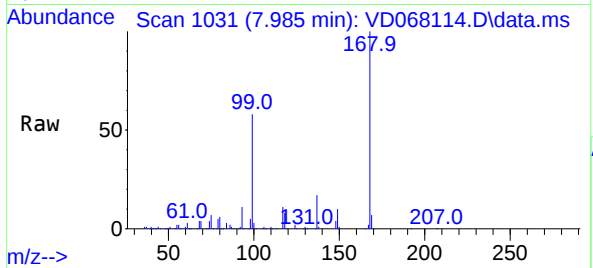




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

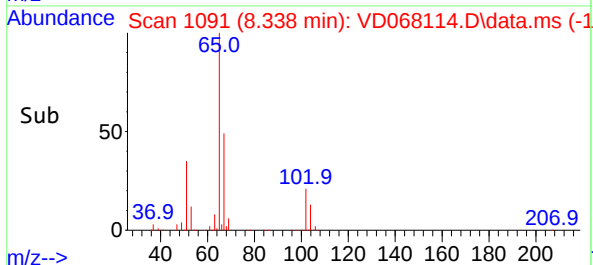
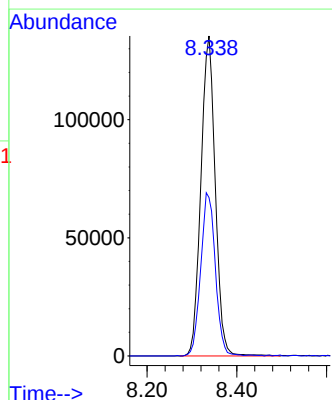
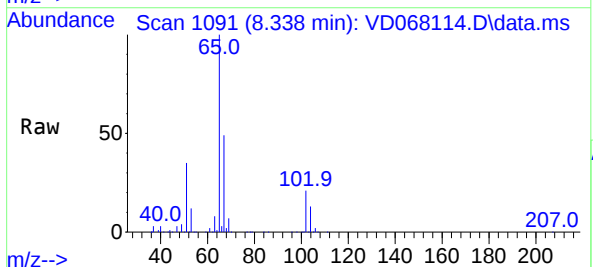
Instrument :
MSVOA_D
ClientSampleId :
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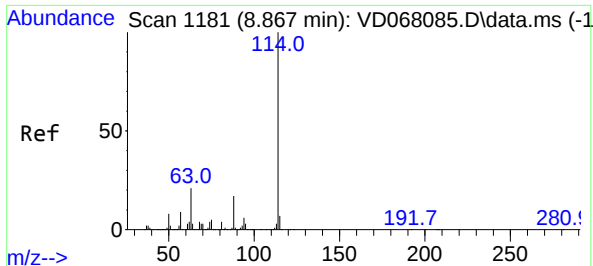
Tgt Ion: 56 Resp: 13714
Ion Ratio Lower Upper
56 100
69 147.0 30.1 45.1#
84 140.1 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.38 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 65 Resp: 300699
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

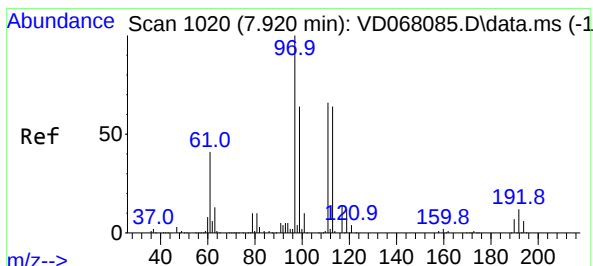
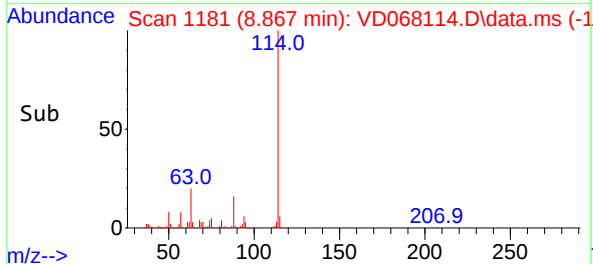
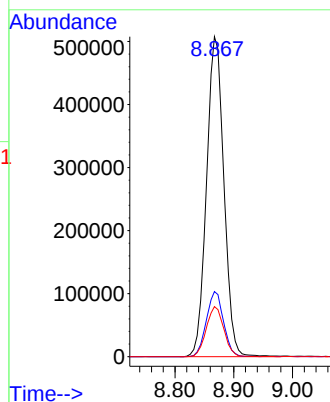
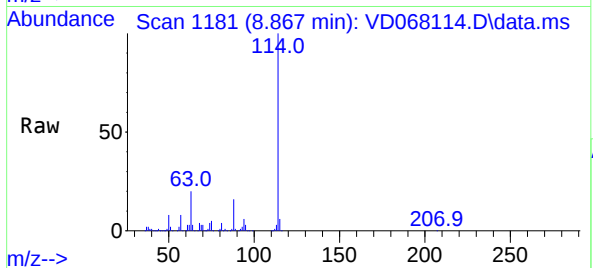




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

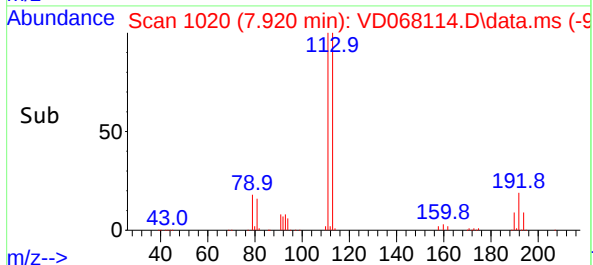
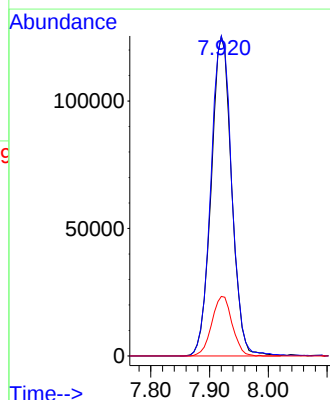
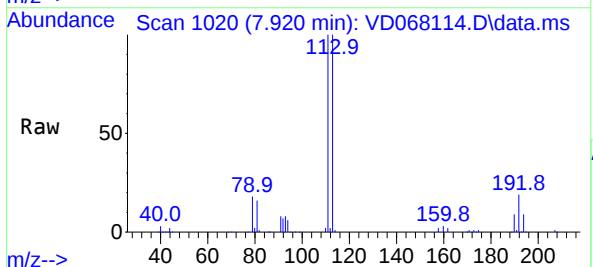
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

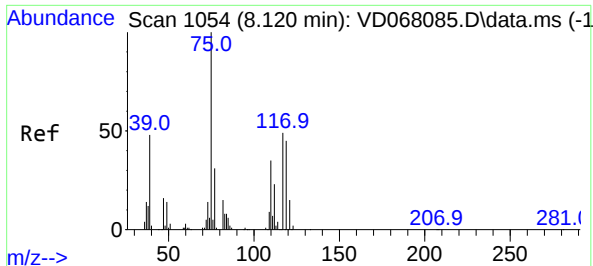
Tgt Ion:114 Resp: 1041708
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.40 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion:113 Resp: 301779
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.7 16.1 24.1

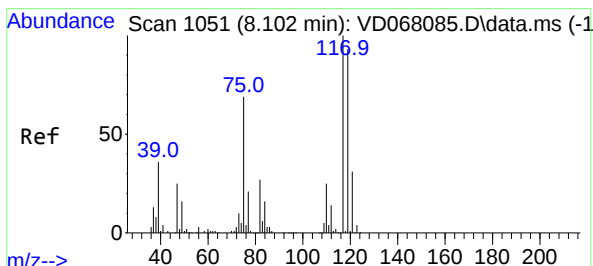
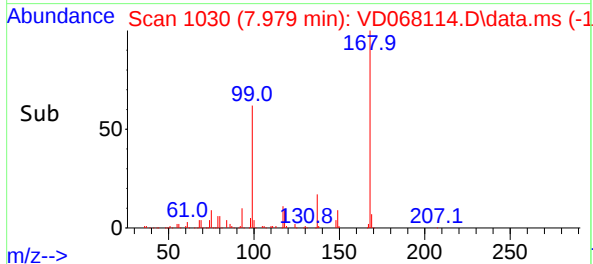
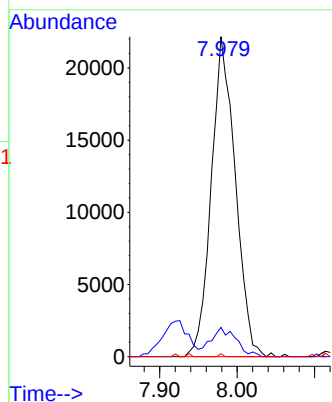
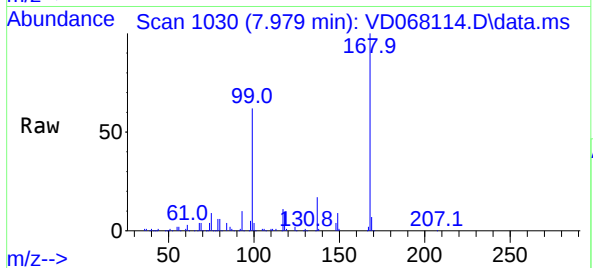




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

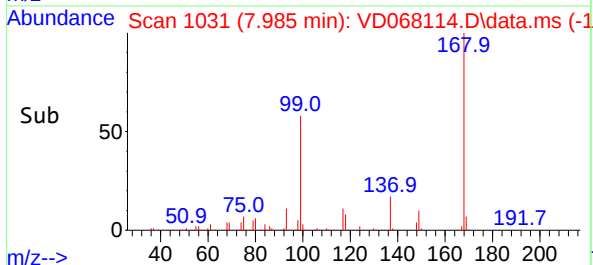
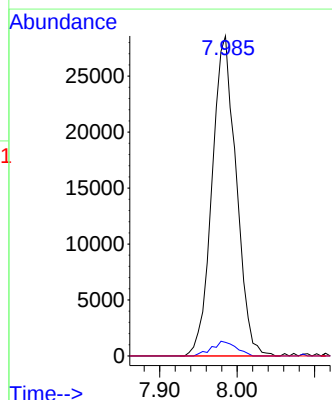
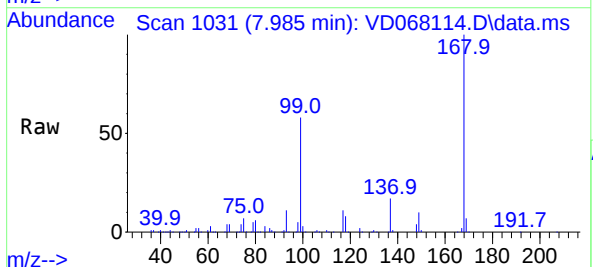
Instrument :
MSVOA_D
ClientSampled :
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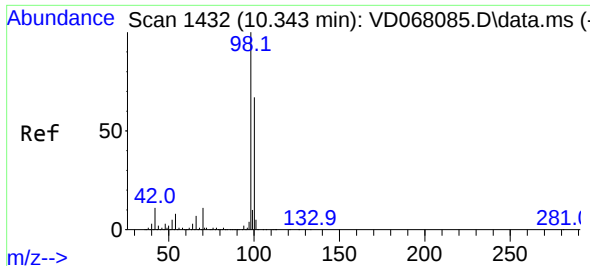
Tgt Ion: 75 Resp: 47798
Ion Ratio Lower Upper
75 100
110 9.7 19.4 58.2#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 117 Resp: 61877
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.7 37.1#

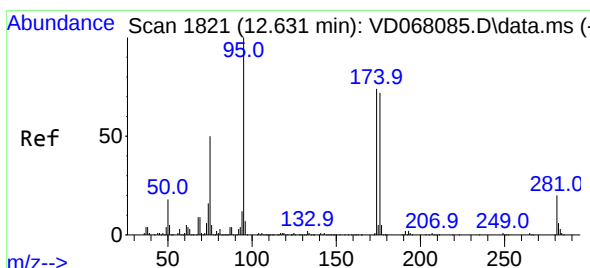
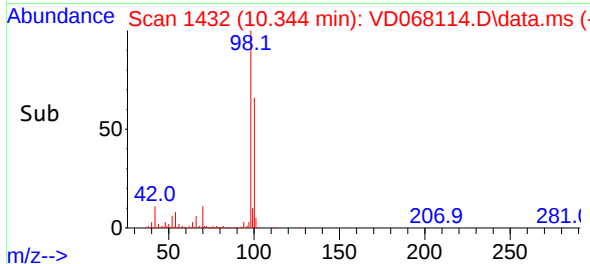
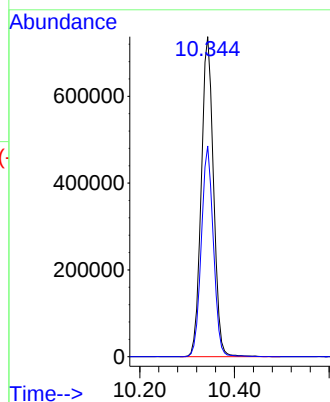
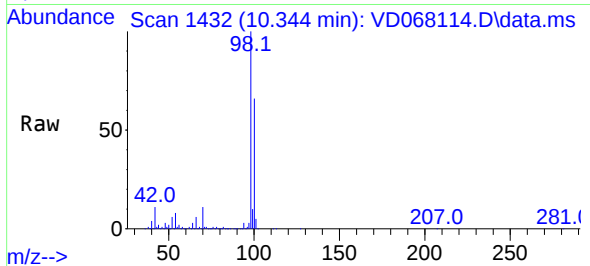




#50
Toluene-d8
Concen: 57.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

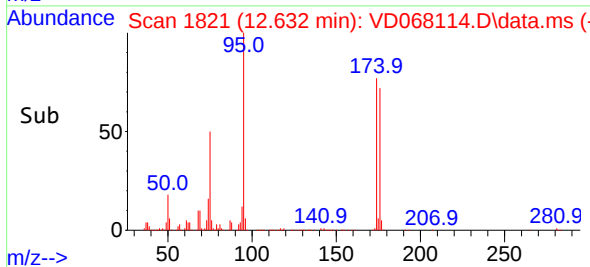
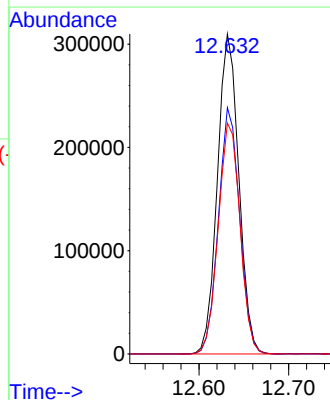
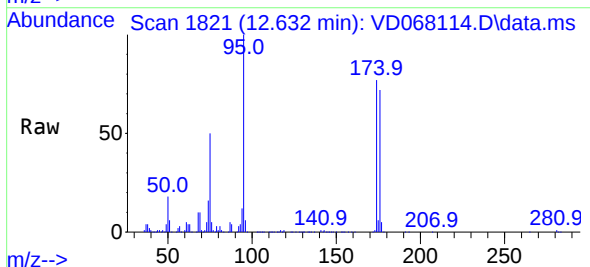
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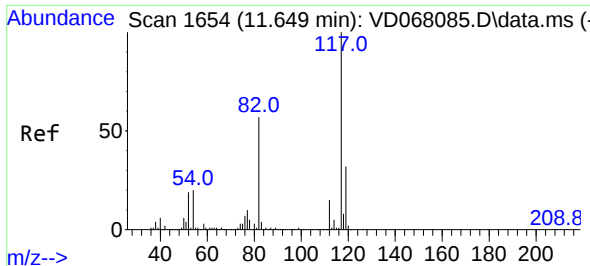
Tgt Ion: 98 Resp: 1320022
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 61.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 95 Resp: 512741
Ion Ratio Lower Upper
95 100
174 76.4 0.0 172.4
176 73.4 0.0 168.4

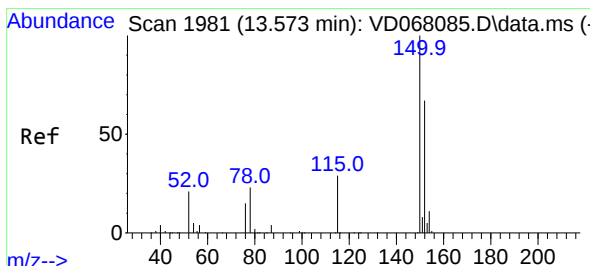
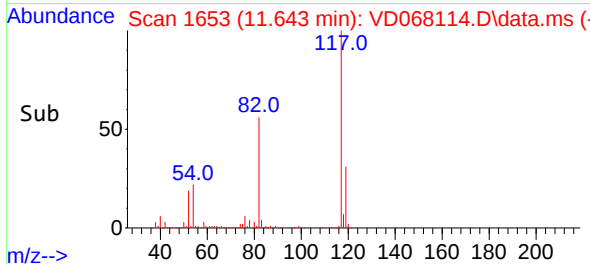
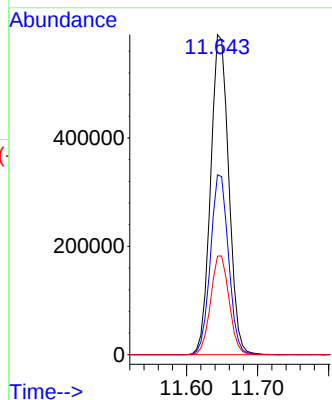
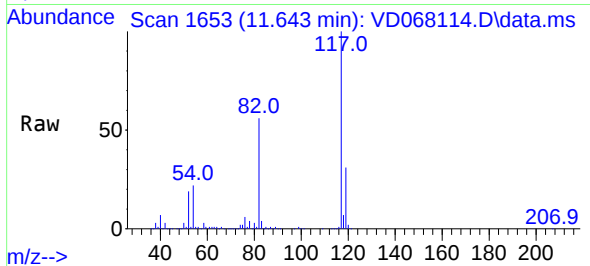




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

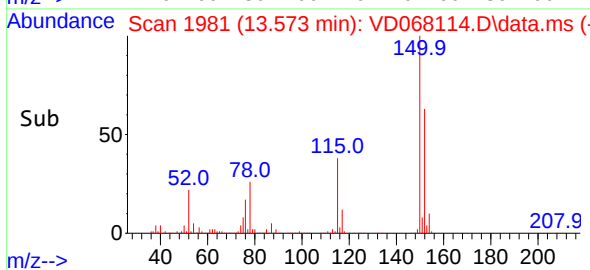
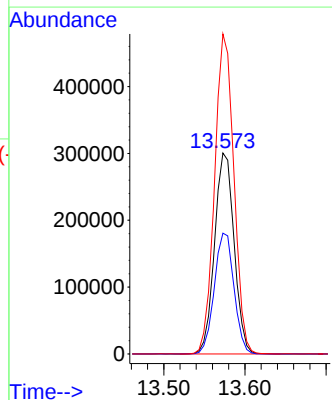
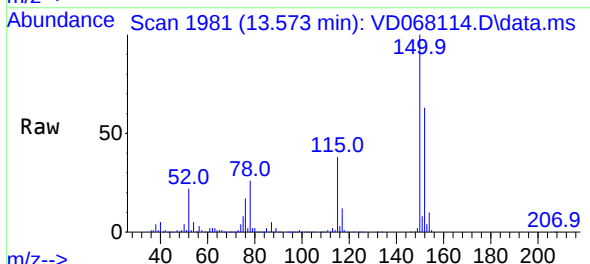
Instrument :
MSVOA_D
ClientSampled :
BASIN-6

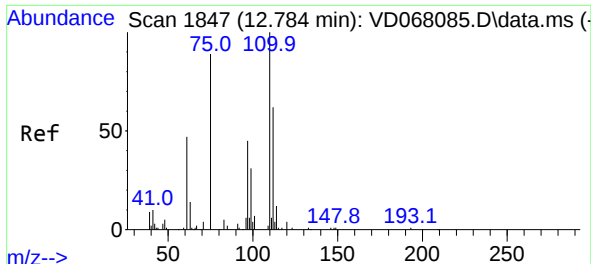
Tgt Ion:117 Resp: 1047583
Ion Ratio Lower Upper
117 100
82 56.2 41.4 62.0
119 30.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion:152 Resp: 502958
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 157.3 0.0 344.4

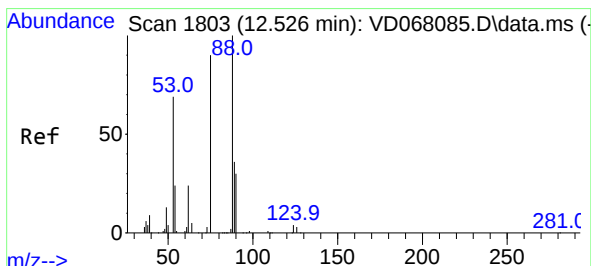
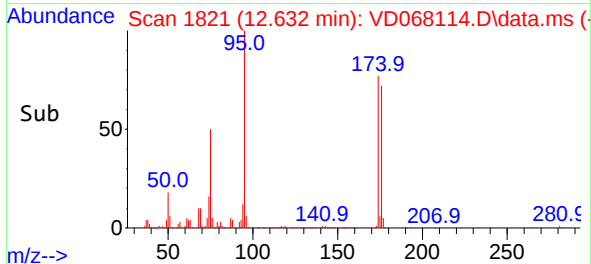
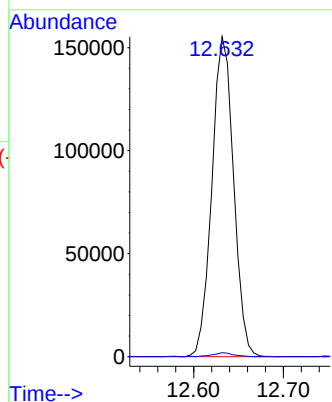
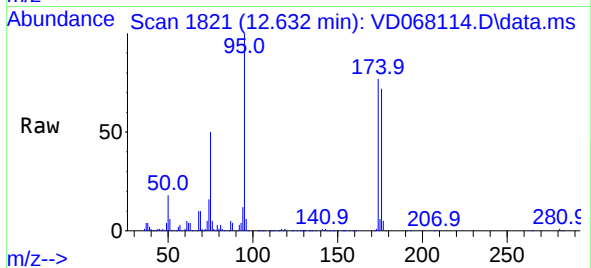




#76
1,2,3-Trichloropropane
Concen: 53.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

Tgt Ion: 75 Resp: 260308
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 75 Resp: 260308
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

