

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068110.D
 Acq On : 20 Jan 2021 13:57
 Operator : VA/SY
 Sample : M1160-11
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-5

Quant Time: Jan 20 14:35:20 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)

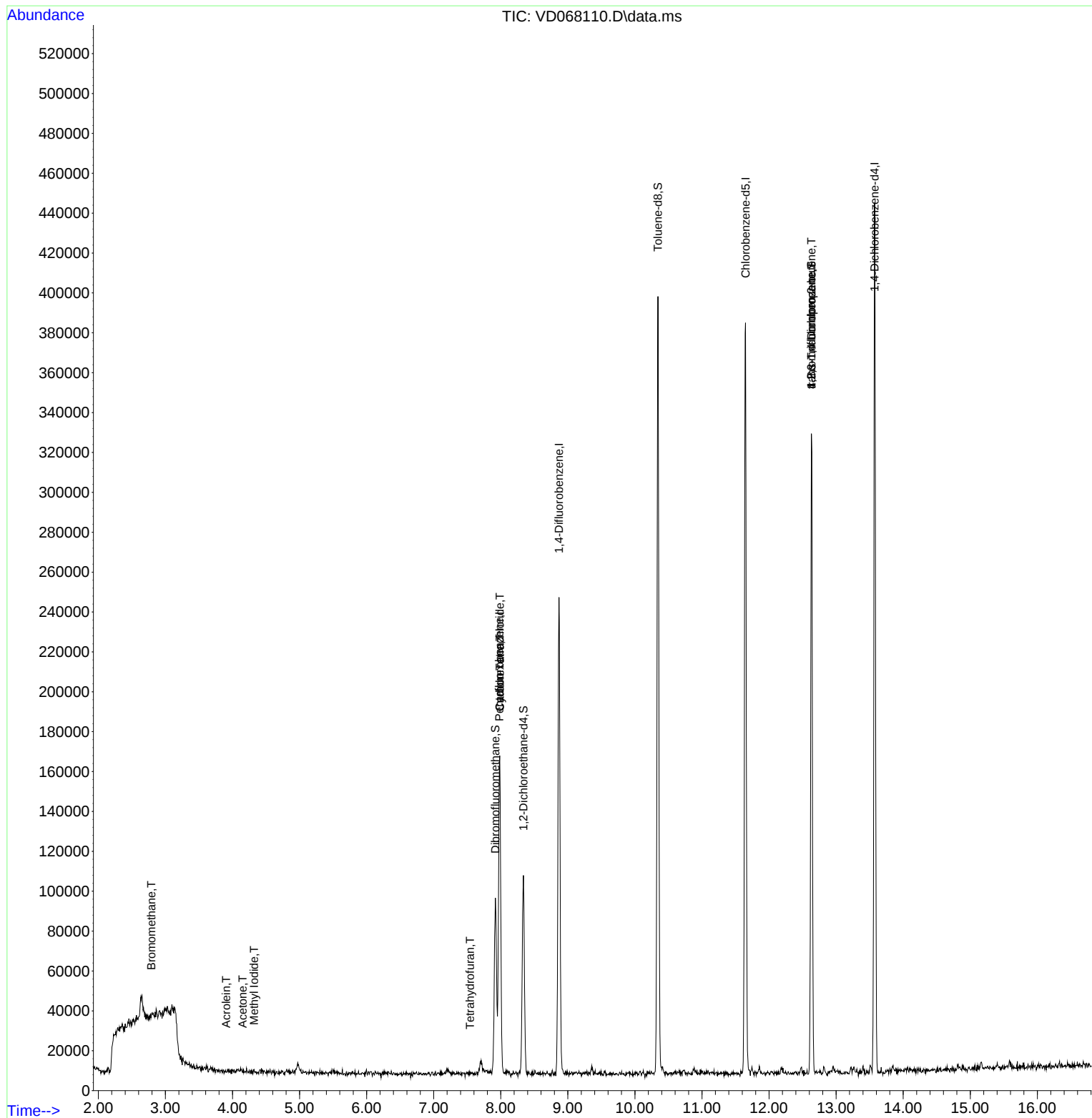
Internal Standards						
1) Pentafluorobenzene	7.979	168	120186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	213639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	227114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	117900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	80349	69.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.78%
35) Dibromofluoromethane	7.920	113	63783	54.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.00%
50) Toluene-d8	10.344	98	274013	58.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.00%
62) 4-Bromofluorobenzene	12.632	95	118003	69.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.72%
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	1496	1.28	ug/l #	33
10) Methyl Iodide	4.320	142	582	3.53	ug/l #	49
11) Tert butyl alcohol	5.203	59	183	Below Cal	#	1
13) Acrolein	3.909	56	167	1.84	ug/l #	14
16) Acetone	4.150	43	311	1.51	ug/l #	44
20) Methylene Chloride	4.967	84	3764	Below Cal		91
29) Tetrahydrofuran	7.544	42	319	1.59	ug/l #	26
31) Cyclohexane	7.985	56	4231	1.70	ug/l #	9
38) Carbon Tetrachloride	7.985	117	12962	6.43	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	57823	50.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	57823	102.64	ug/l #	13

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

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MSVOA_D
ClientSampleId :
BASIN-5

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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

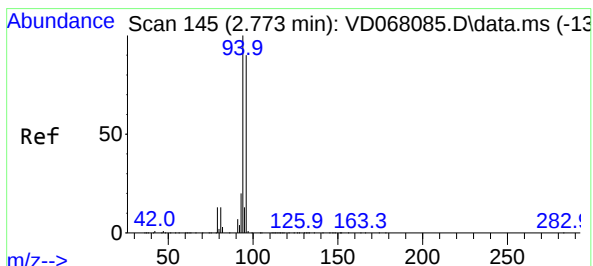
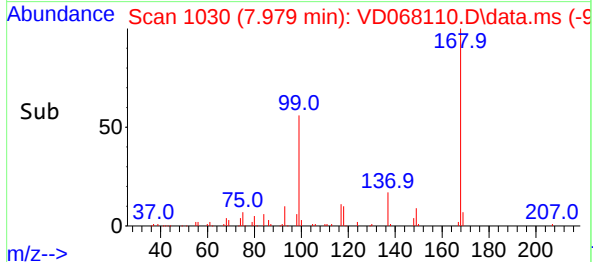
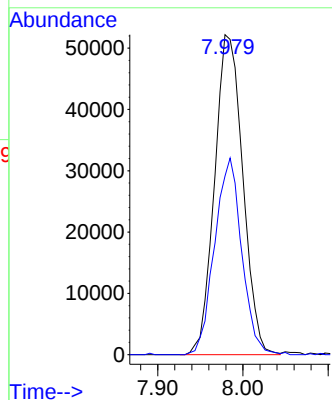
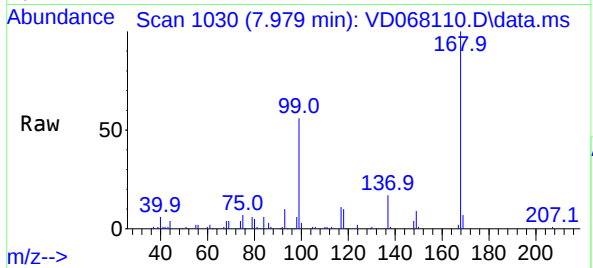




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

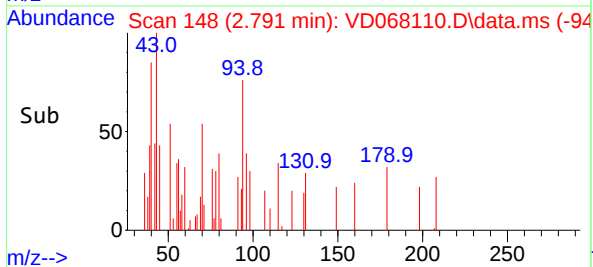
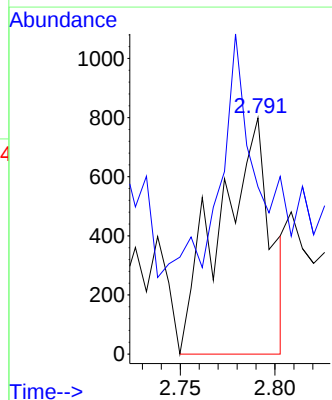
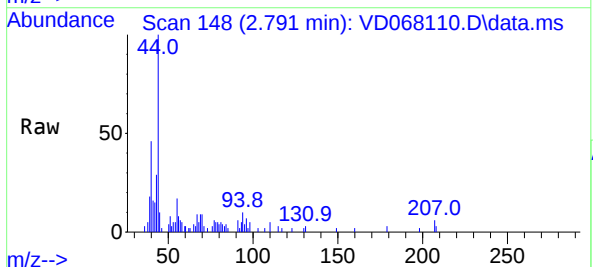
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

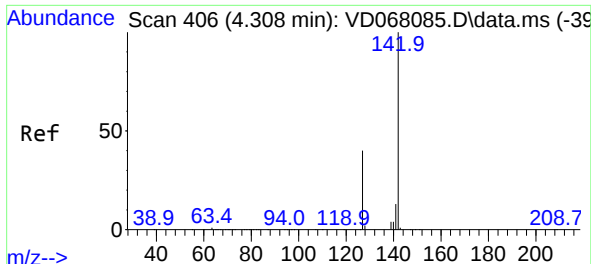
Tgt Ion:168 Resp: 120186
Ion Ratio Lower Upper
168 100
99 55.8 43.5 65.3



#5
Bromomethane
Concen: 1.28 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.018 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 94 Resp: 1496
Ion Ratio Lower Upper
94 100
96 29.8 75.8 113.8#

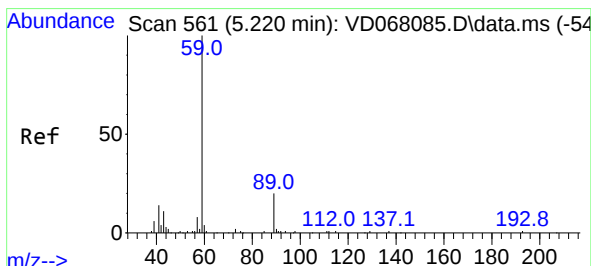
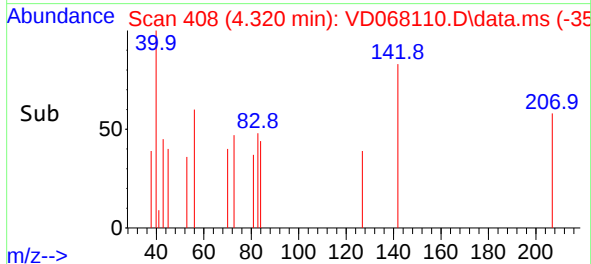
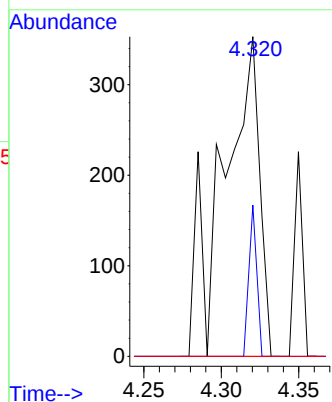
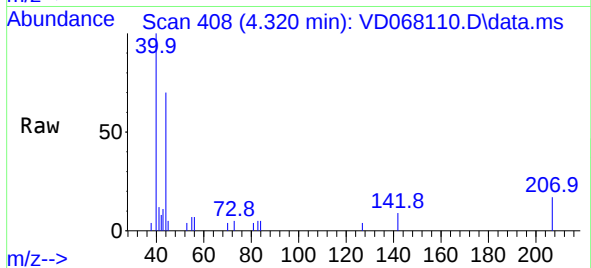




#10
Methyl Iodide
Concen: 3.53 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

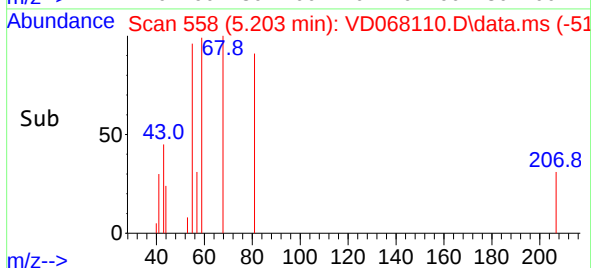
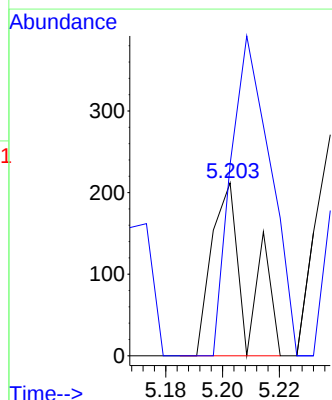
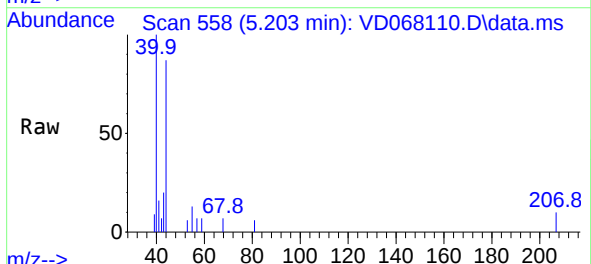
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

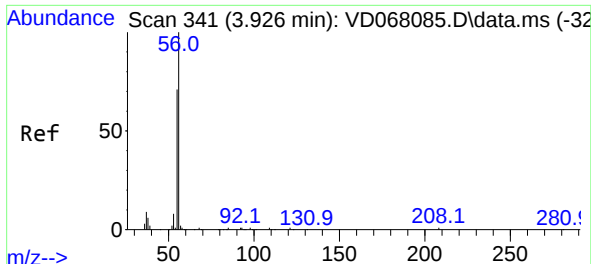
Tgt Ion:142 Resp: 582
Ion Ratio Lower Upper
142 100
127 10.1 37.9 56.9#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 207.7 7.4 11.2#

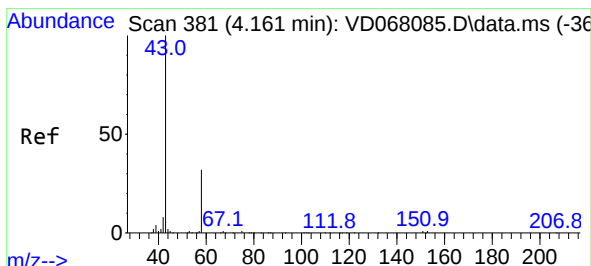
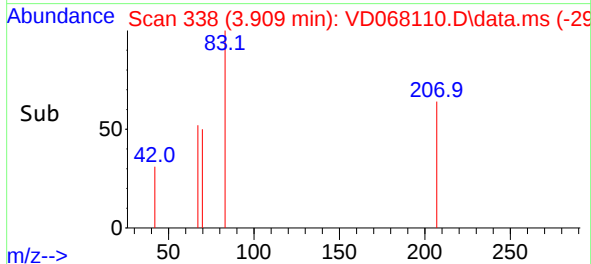
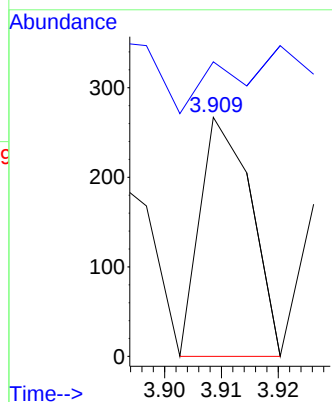
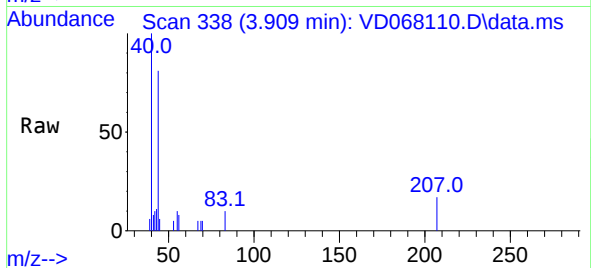




#13
Acrolein
Concen: 1.84 ug/l
RT: 3.909 min Scan# 338
Delta R.T. -0.017 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

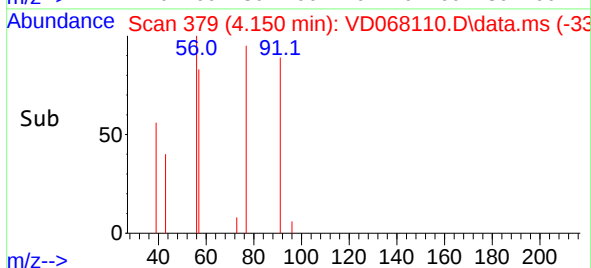
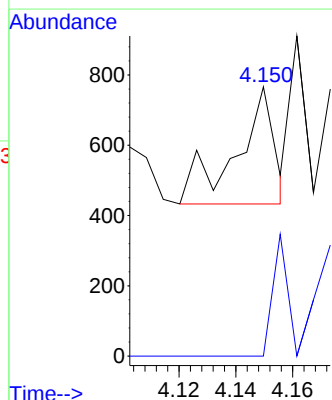
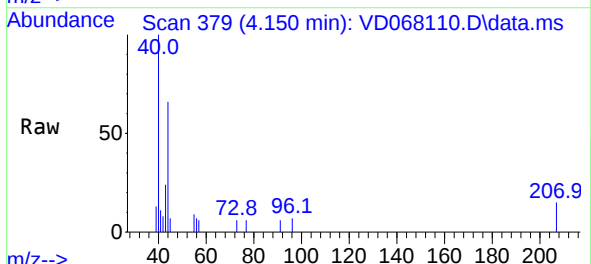
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

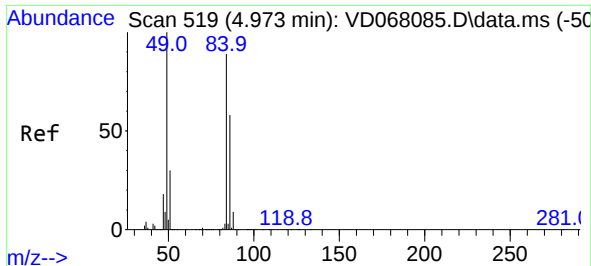
Tgt Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 1.51 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



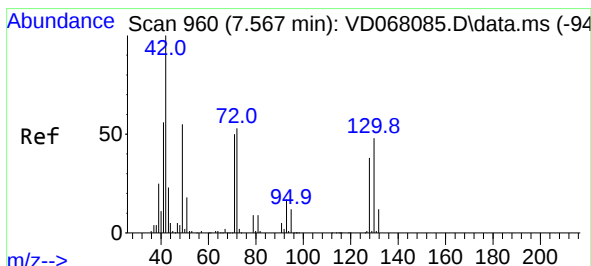
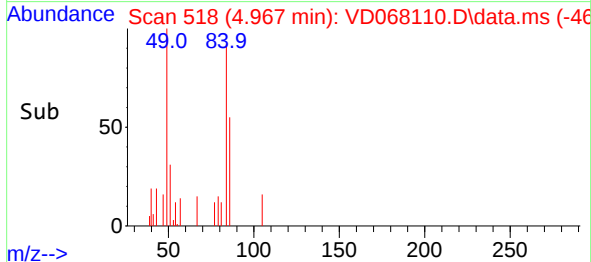
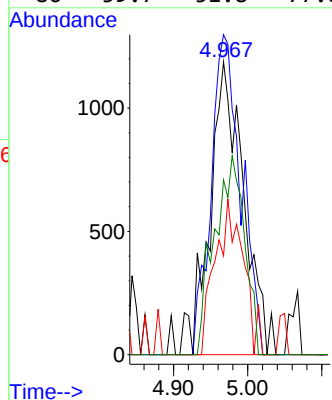
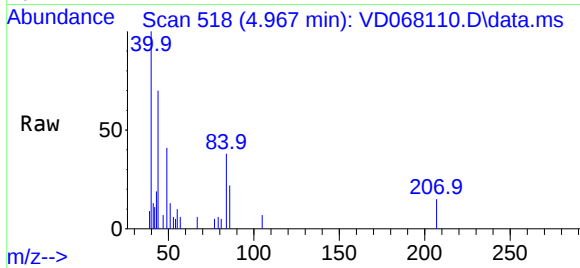


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

Tgt Ion: 84 Resp: 3764

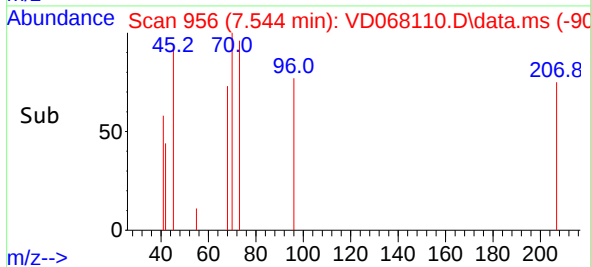
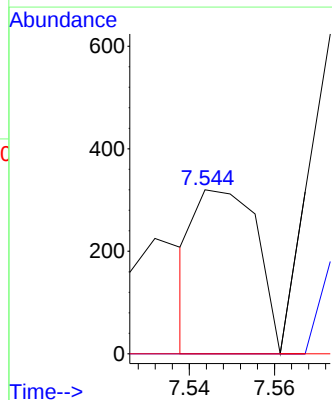
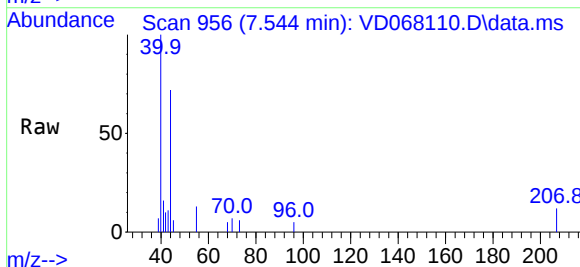
Ion	Ratio	Lower	Upper
84	100		
49	109.3	77.4	116.2
51	33.8	26.1	39.1
86	59.7	51.8	77.8

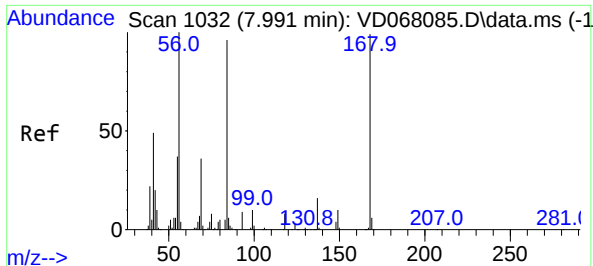


#29
Tetrahydrofuran
Concen: 1.59 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.023 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 42 Resp: 319

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.4	65.0#
71	0.0	40.8	61.2#

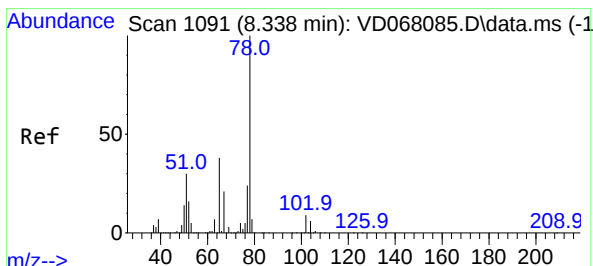
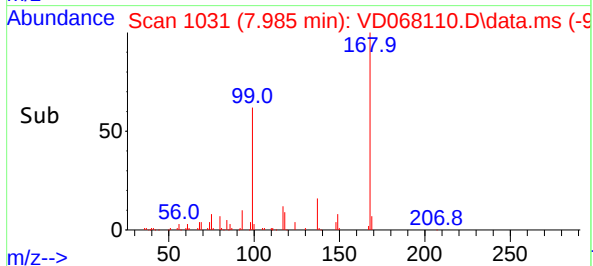
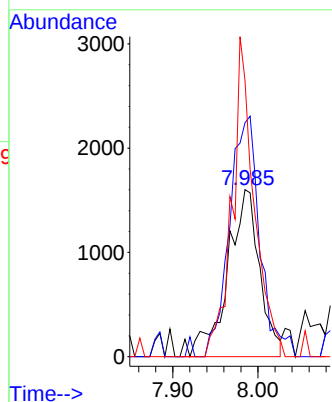
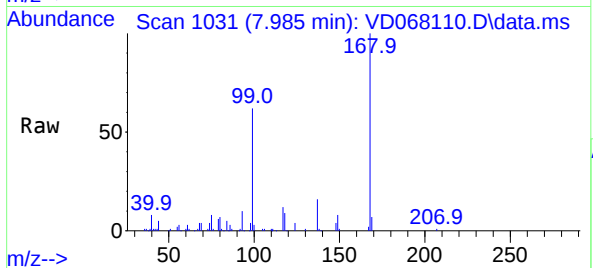




#31
Cyclohexane
Concen: 1.70 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

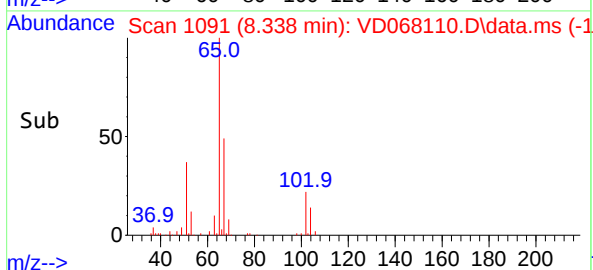
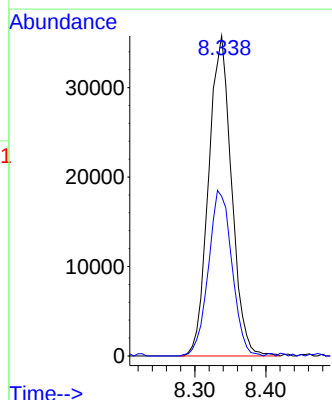
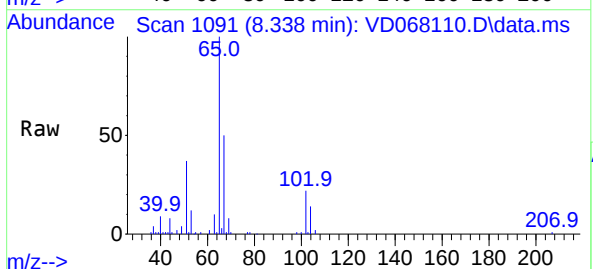
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

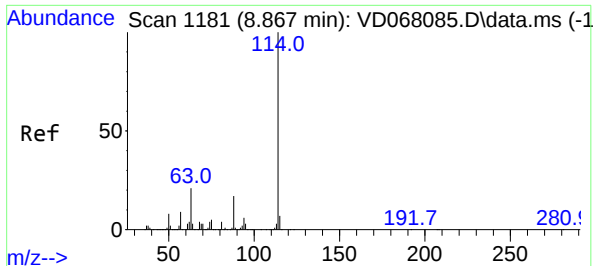
Tgt Ion: 56 Resp: 4231
Ion Ratio Lower Upper
56 100
69 140.0 30.1 45.1#
84 165.4 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 69.89 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 65 Resp: 80349
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



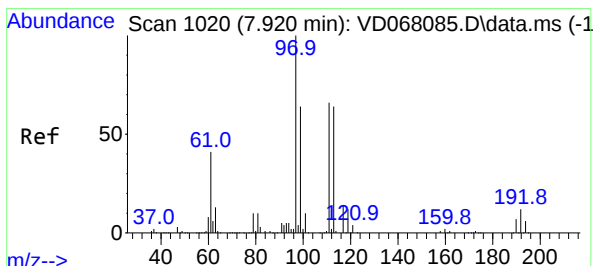
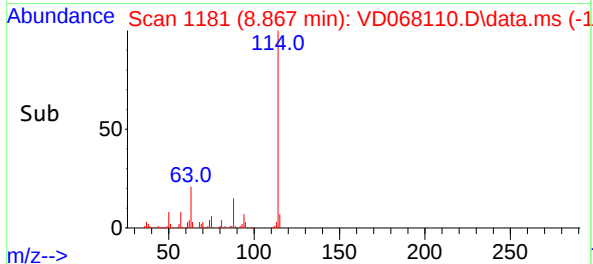
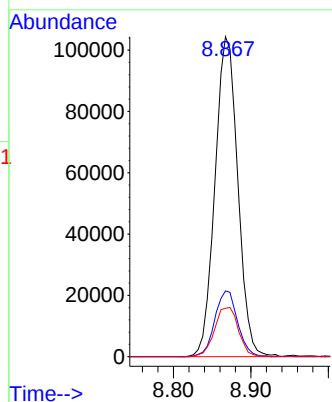
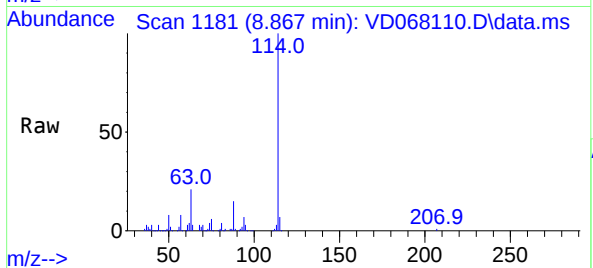


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

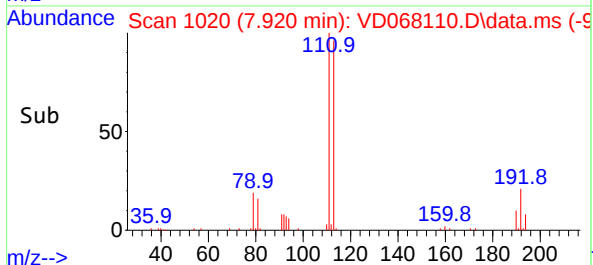
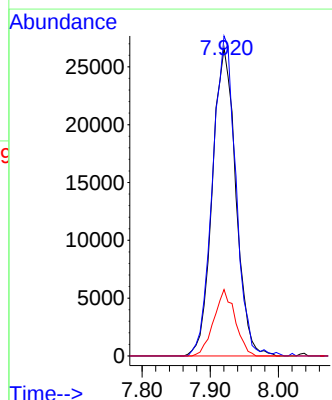
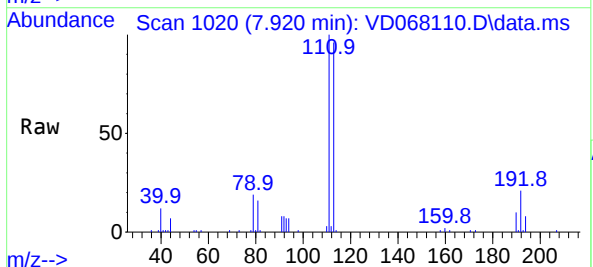
Tgt Ion:	114	Resp:	213639
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	34.8
88	15.1	0.0	31.6

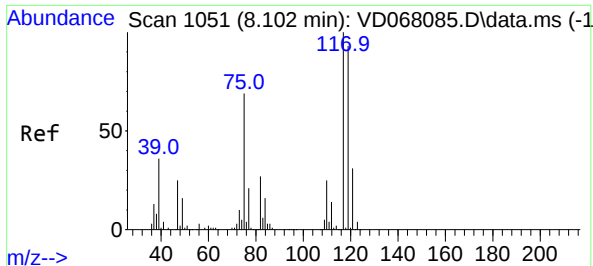


#35

Dibromofluoromethane
Concen: 54.00 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion:	113	Resp:	63783
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.6	16.1	24.1

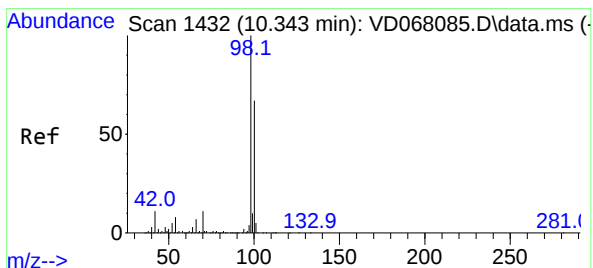
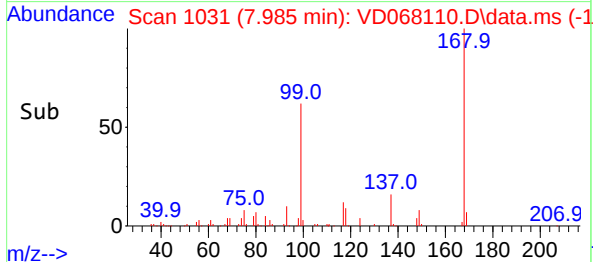
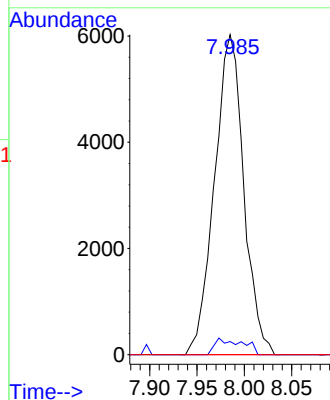
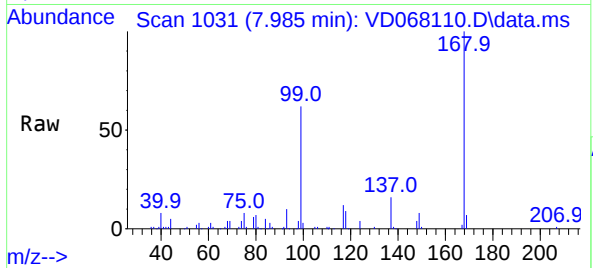




#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

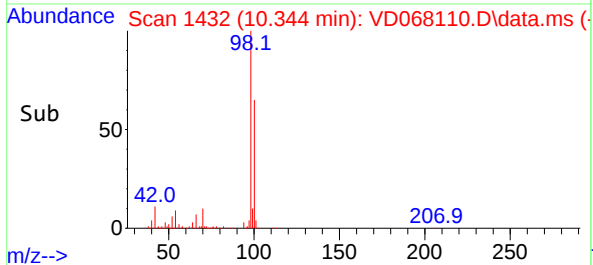
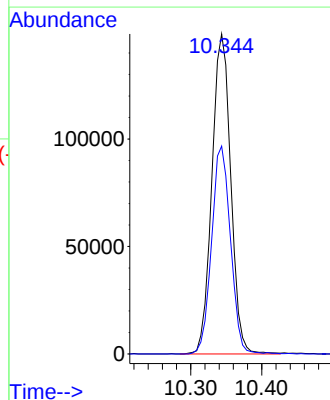
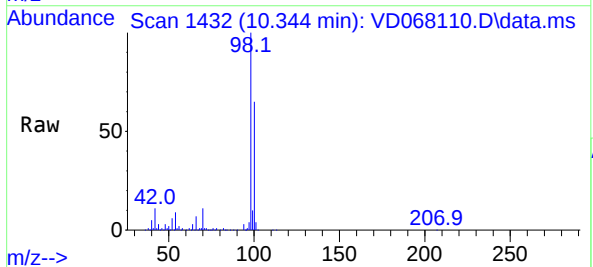
Instrument :
MSVOA_D
ClientSampled :
BASIN-5

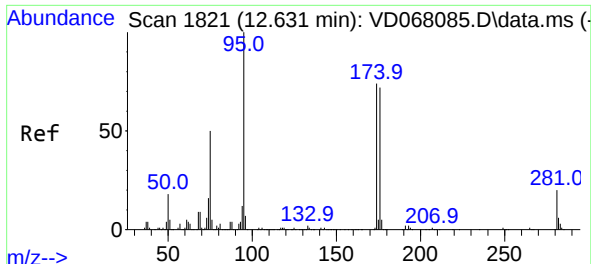
Tgt Ion:117 Resp: 12962
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 58.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 98 Resp: 274013
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

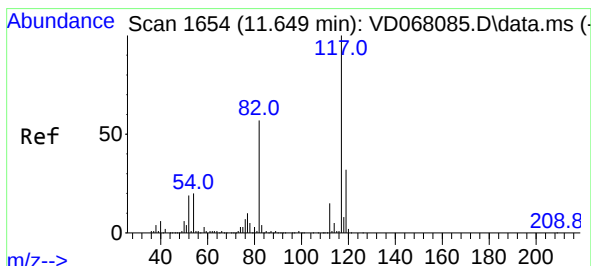
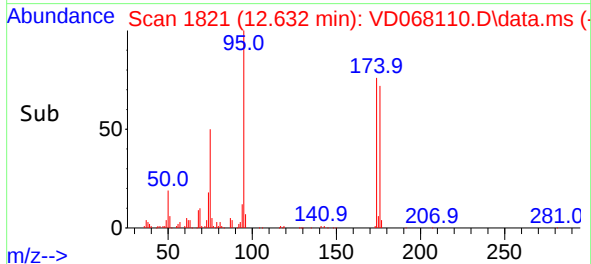
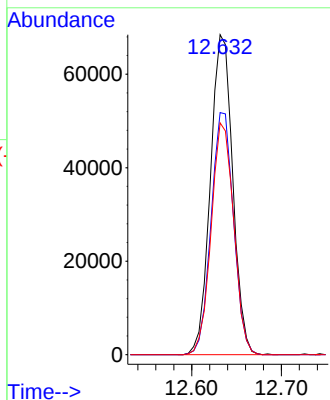
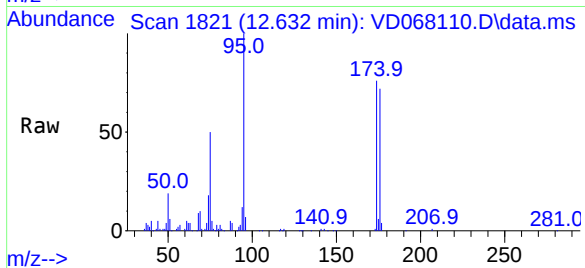




#62
4-Bromofluorobenzene
Concen: 69.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

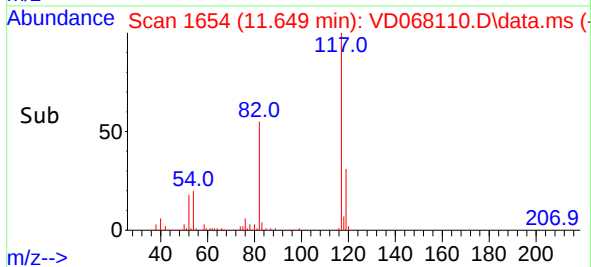
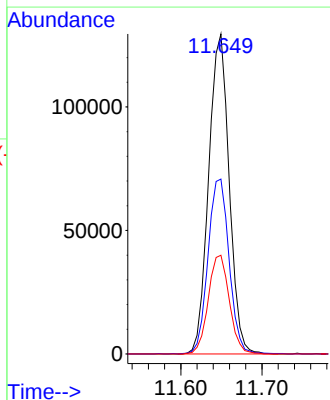
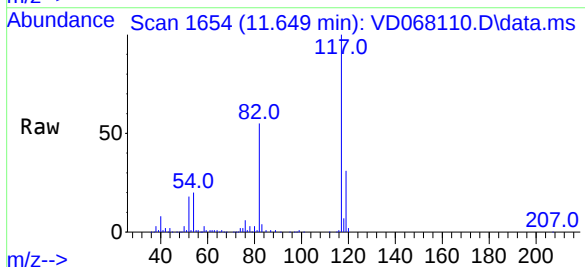
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

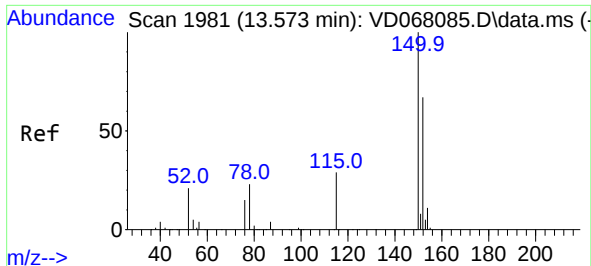
Tgt Ion: 95 Resp: 118003
Ion Ratio Lower Upper
95 100
174 76.2 0.0 172.4
176 73.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 117 Resp: 227114
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 30.9 26.1 39.1

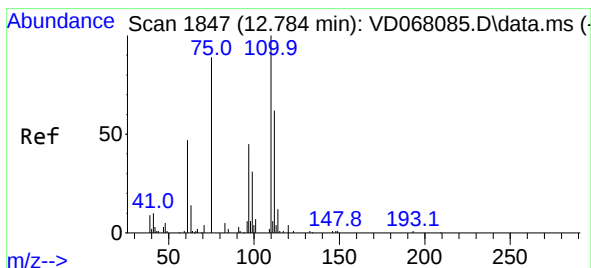
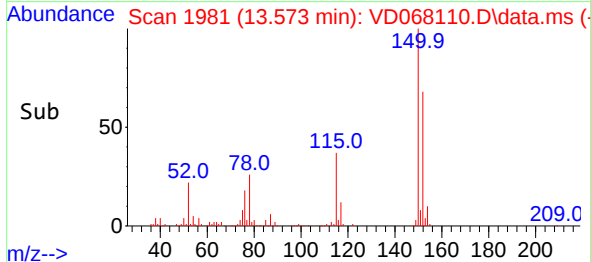
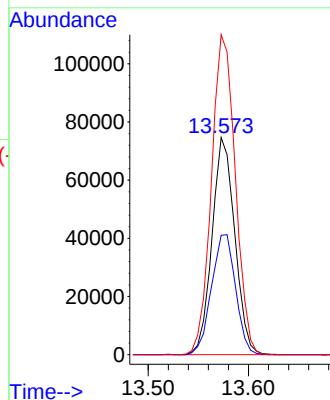
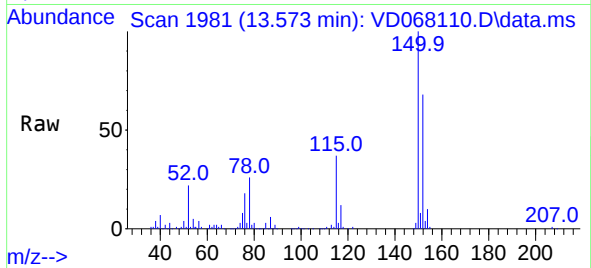




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

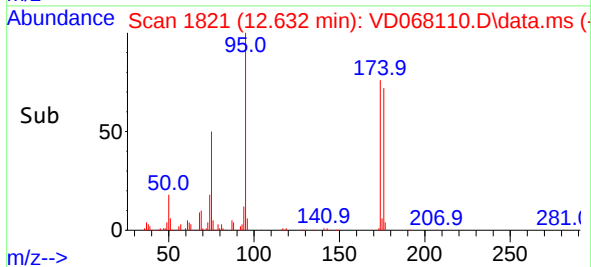
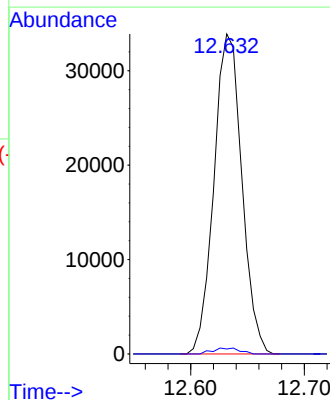
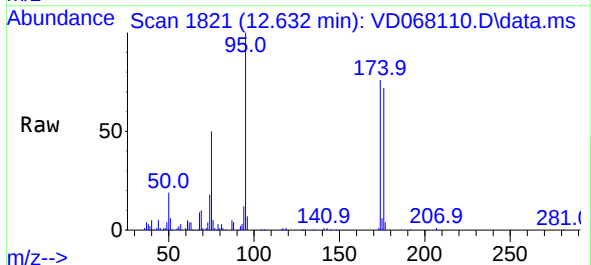
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

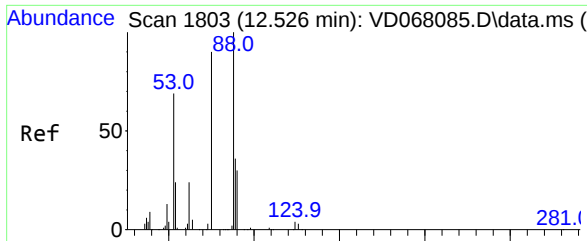
Tgt Ion:152 Resp: 117900
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 154.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 50.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068110.D
Acq: 20 Jan 2021 13:57

Tgt Ion: 75 Resp: 57823
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.64 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068110.D
 Acq: 20 Jan 2021 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-5

Tgt Ion: 75 Resp: 57823
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.0 40.3 60.5#

