

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068100.D
 Acq On : 19 Jan 2021 19:42
 Operator : VA/SY
 Sample : M1160-07
 Misc : 2.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-3

Quant Time: Jan 20 00:32:16 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)

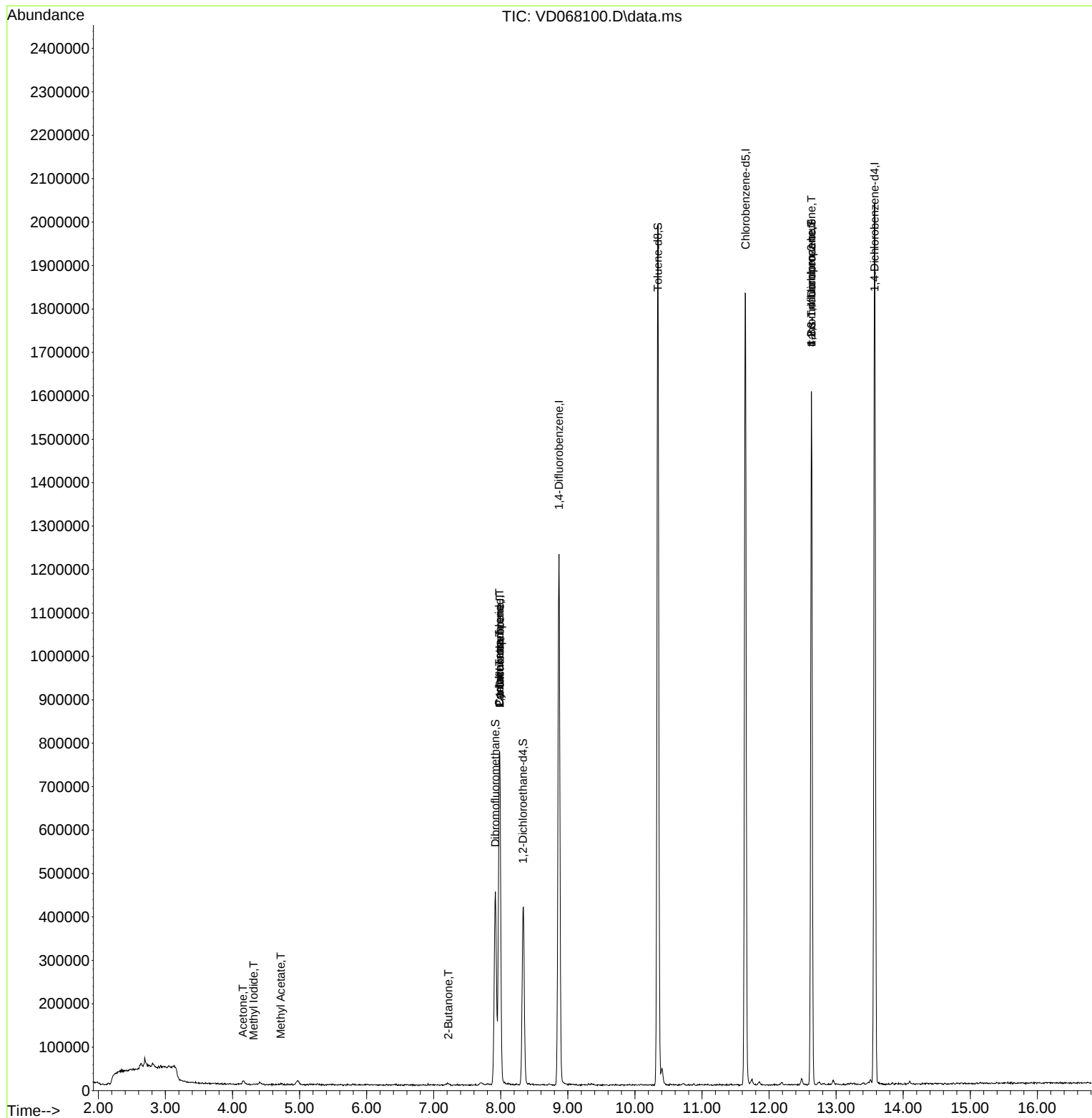
Internal Standards						
1) Pentafluorobenzene	7.985	168	611739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1090874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	1105852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	550156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	340224	58.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.28%			
35) Dibromofluoromethane	7.920	113	327288	54.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.54%			
50) Toluene-d8	10.344	98	1385770	57.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.88%			
62) 4-Bromofluorobenzene	12.632	95	564892	65.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 130.04%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	1315	3.32	ug/l #	50
11) Tert butyl alcohol	5.214	59	1095	Below Cal	#	67
16) Acetone	4.156	43	14194	13.58	ug/l	97
18) Methyl Acetate	4.720	43	5214	1.92	ug/l #	70
20) Methylene Chloride	4.973	84	8860	Below Cal		93
25) 2-Butanone	7.220	43	3483	2.21	ug/l	95
31) Cyclohexane	7.979	56	12719	1.00	ug/l #	4
36) 1,1-Dichloropropene	7.985	75	49691	4.52	ug/l #	47
38) Carbon Tetrachloride	7.979	117	62860	6.10	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	282585	53.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	282585	107.50	ug/l #	13

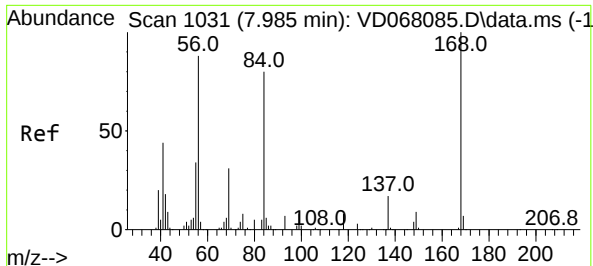
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
Data File : VD068100.D
Acq On : 19 Jan 2021 19:42
Operator : VA/SY
Sample : M1160-07
Misc : 2.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
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Quant Time: Jan 20 00:32:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

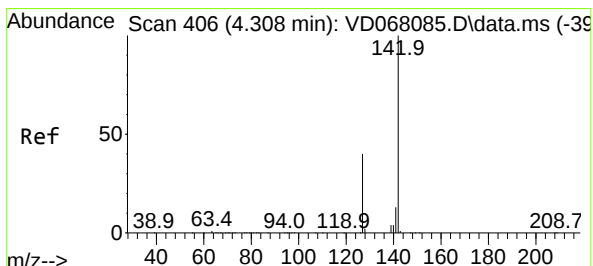
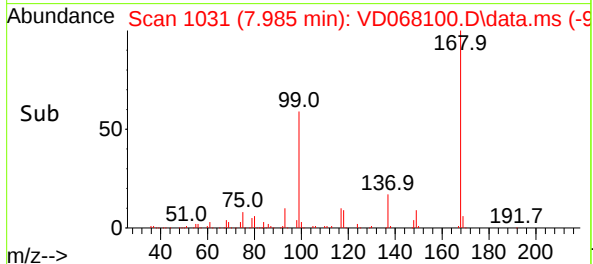
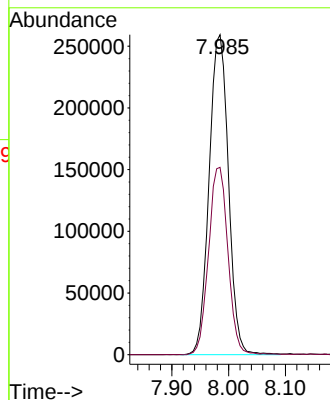
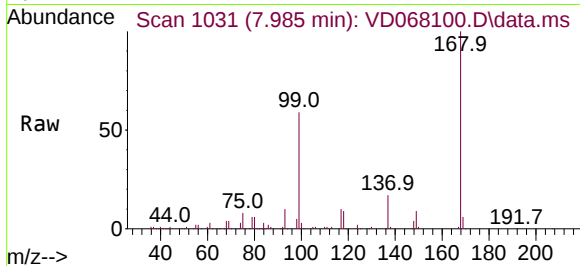




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

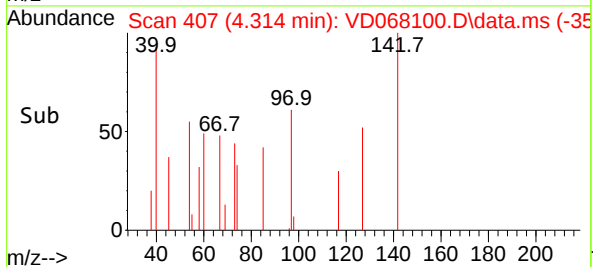
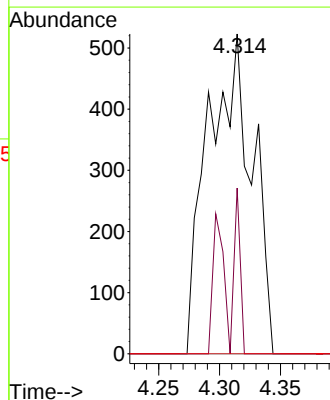
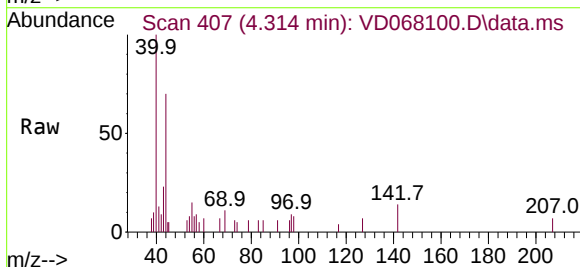
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

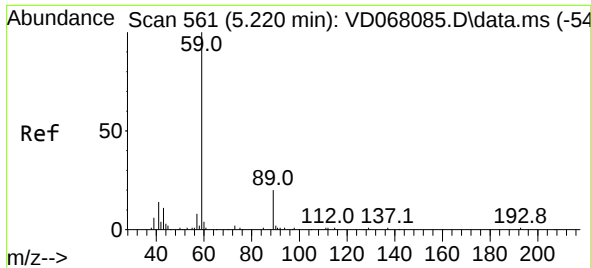
Tgt Ion:168 Resp: 611739
Ion Ratio Lower Upper
168 100
99 58.5 43.5 65.3



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion:142 Resp: 1315
Ion Ratio Lower Upper
142 100
127 10.6 37.9 56.9#
141 0.0 11.5 17.3#



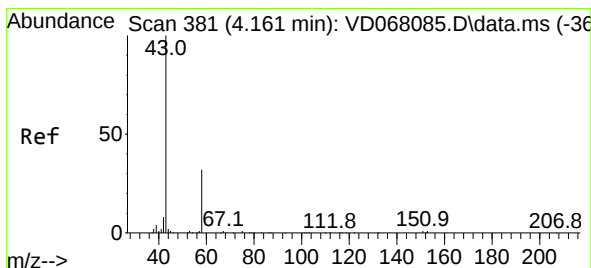
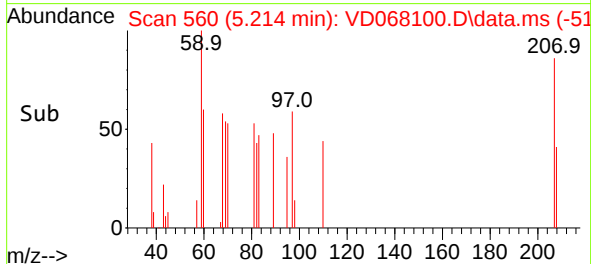
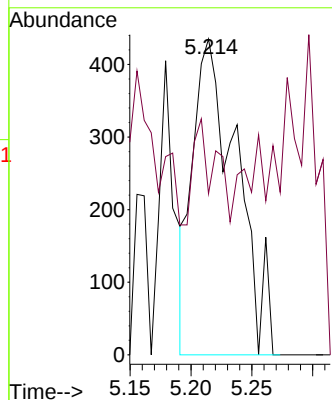
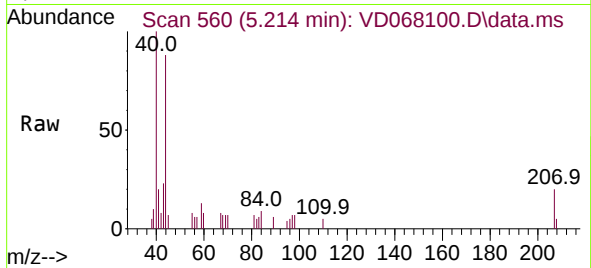


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

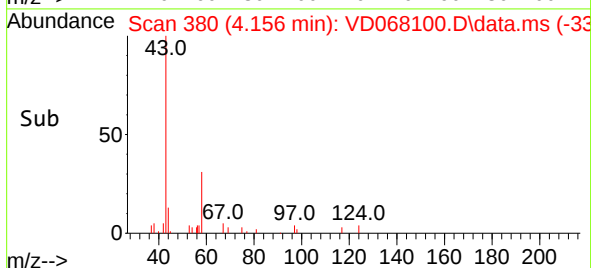
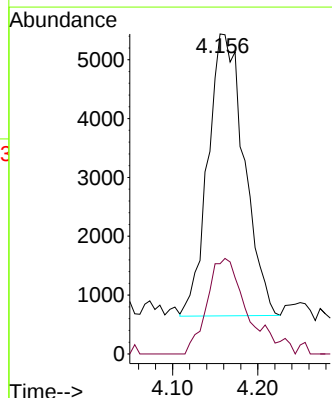
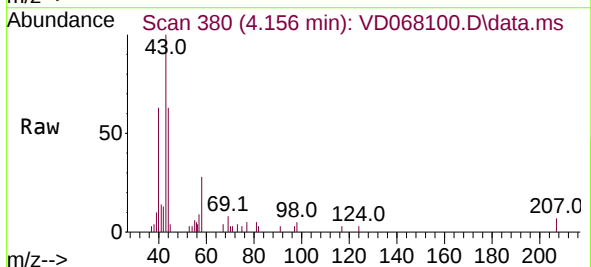
Tgt Ion: 59 Resp: 1095
Ion Ratio Lower Upper
59 100
57 21.2 7.4 11.2#

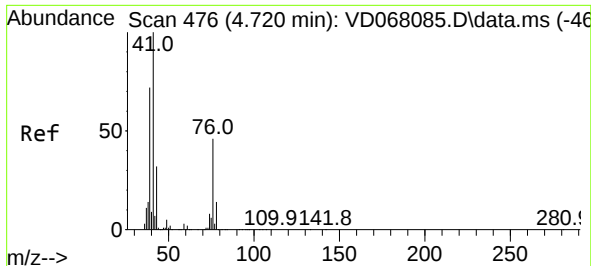


#16

Acetone
Concen: 13.58 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 43 Resp: 14194
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.4

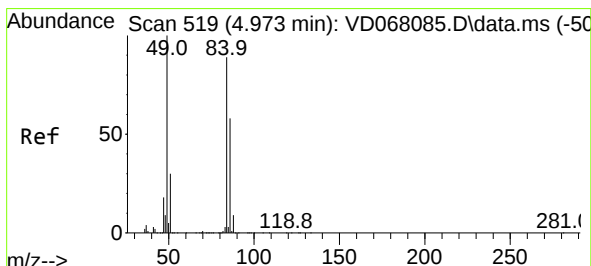
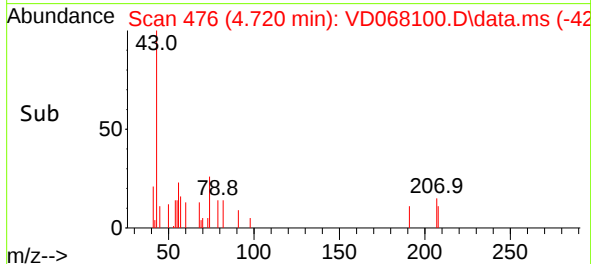
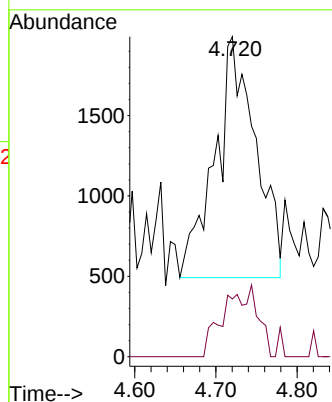
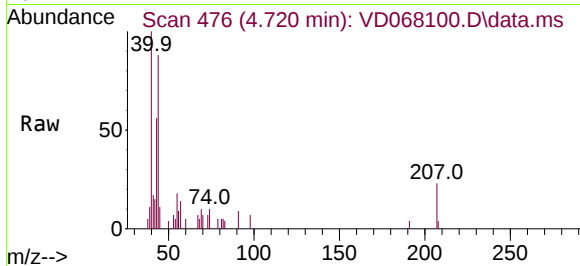




#18
Methyl Acetate
Concen: 1.92 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

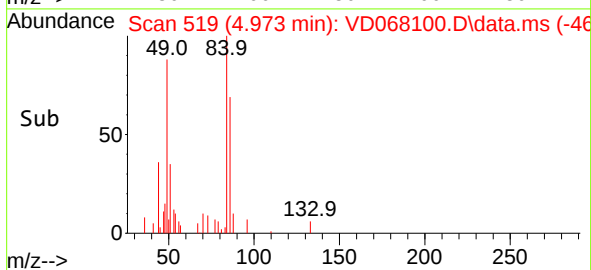
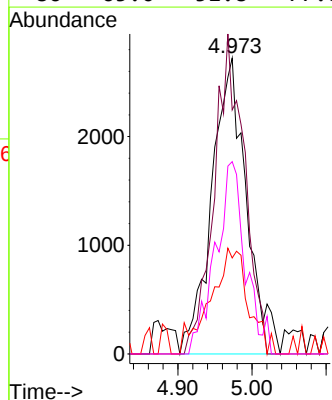
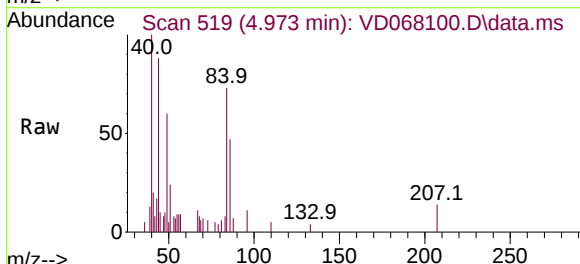
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

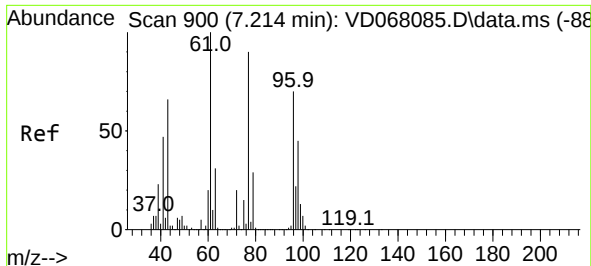
Tgt Ion: 43 Resp: 5214
Ion Ratio Lower Upper
43 100
74 15.1 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 84 Resp: 8860
Ion Ratio Lower Upper
84 100
49 82.5 77.4 116.2
51 32.5 26.1 39.1
86 65.0 51.8 77.8

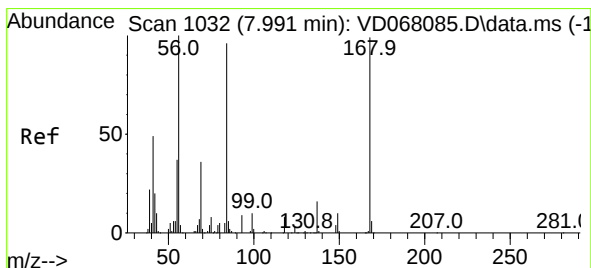
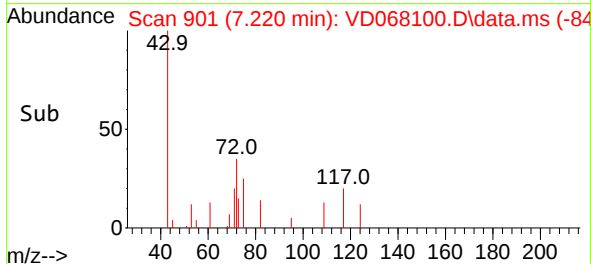
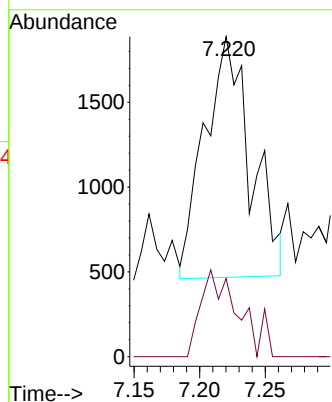
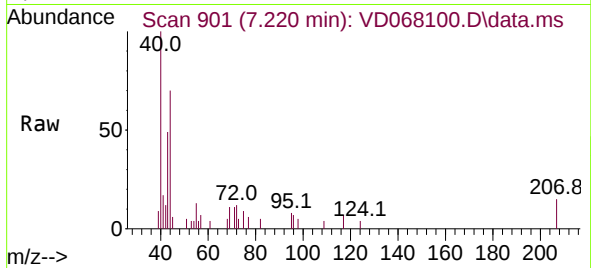




#25
2-Butanone
Concen: 2.21 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

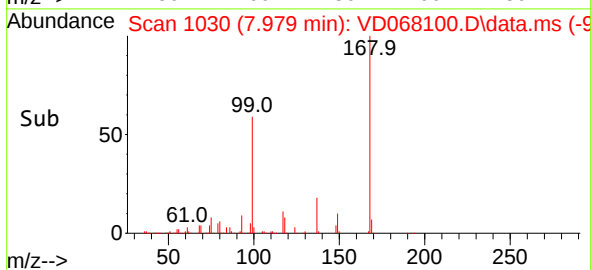
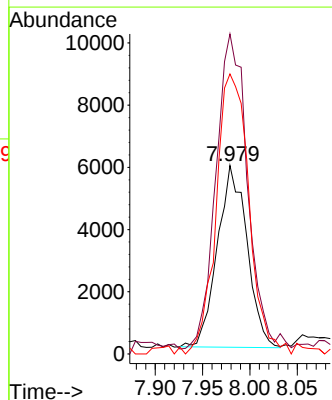
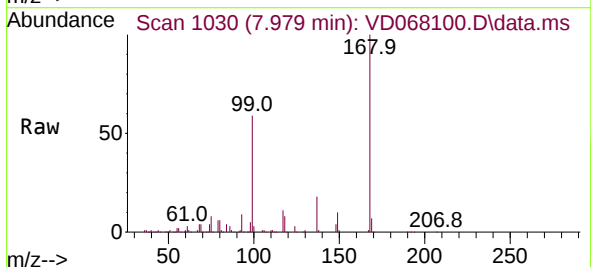
Instrument :
MSVOA_D
ClientSampled :
BASIN-3

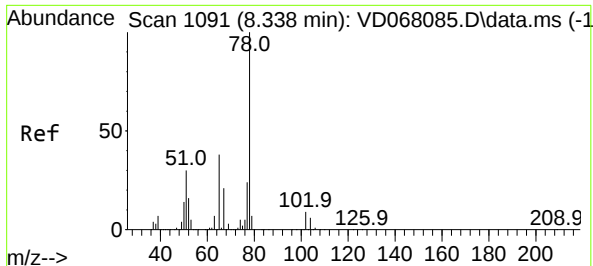
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
72 33.9 25.1 37.7



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 56 Resp: 12719
Ion Ratio Lower Upper
56 100
69 173.8 30.1 45.1#
84 150.7 82.1 123.1#

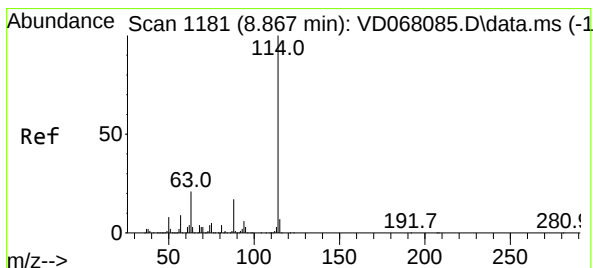
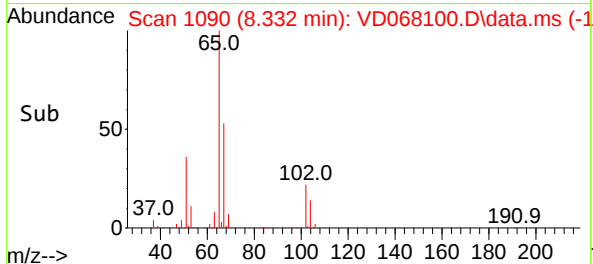
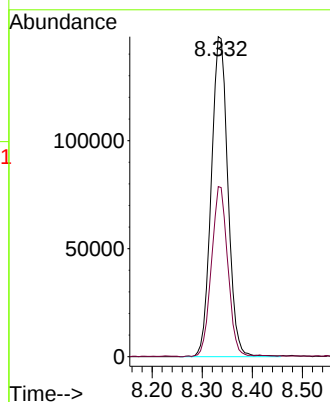
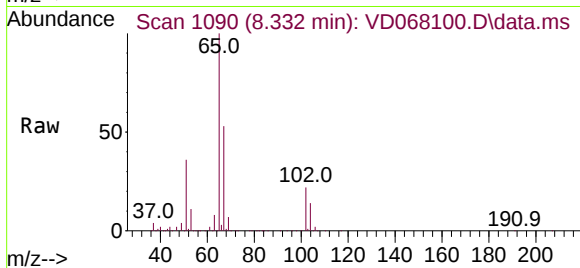




#33
1,2-Dichloroethane-d4
Concen: 58.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

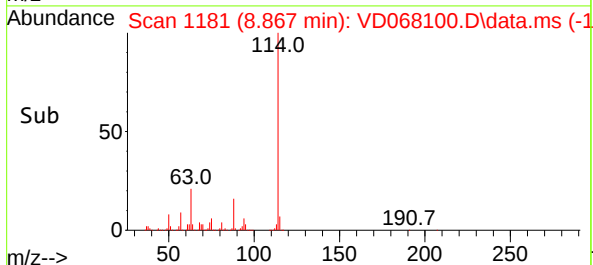
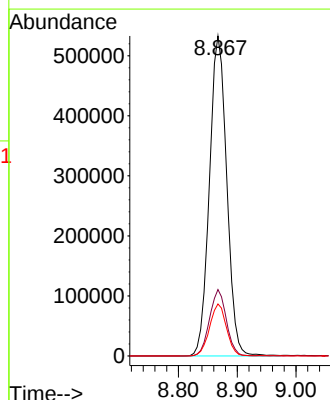
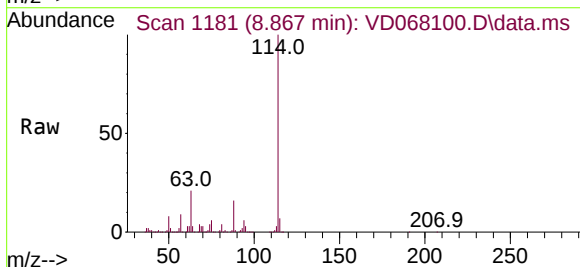
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

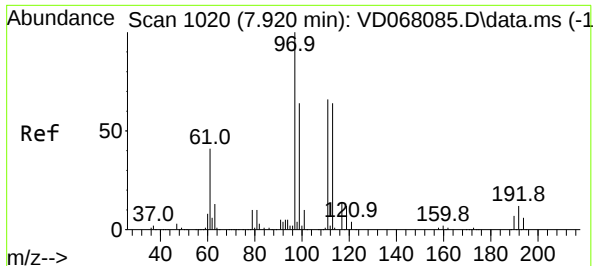
Tgt Ion: 65 Resp: 340224
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 114 Resp: 1090874
Ion Ratio Lower Upper
114 100
63 20.8 0.0 34.8
88 16.2 0.0 31.6

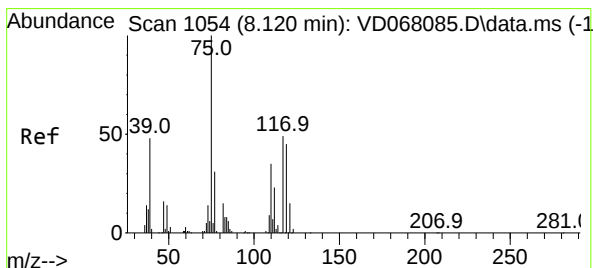
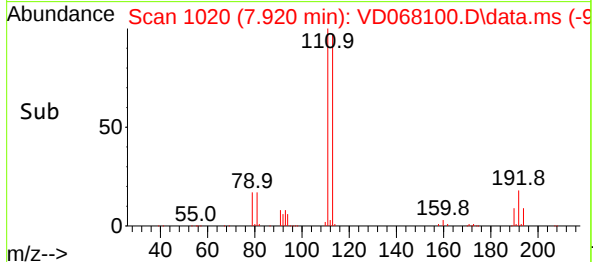
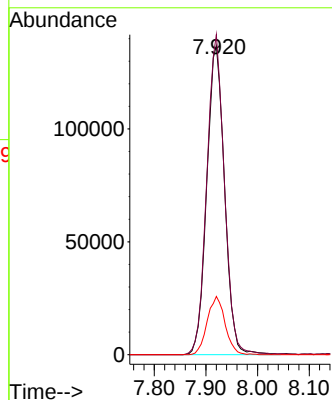
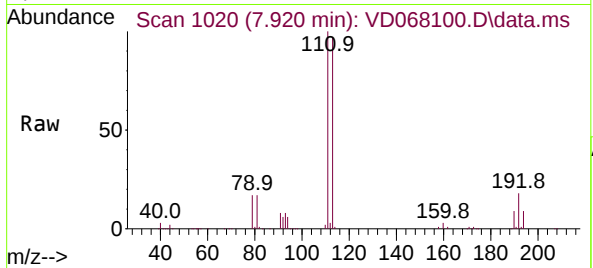




#35
Dibromofluoromethane
Concen: 54.27 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

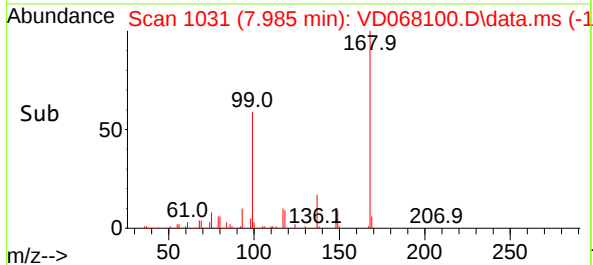
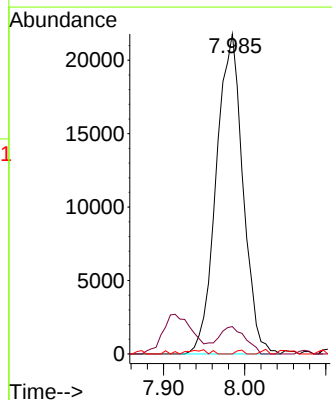
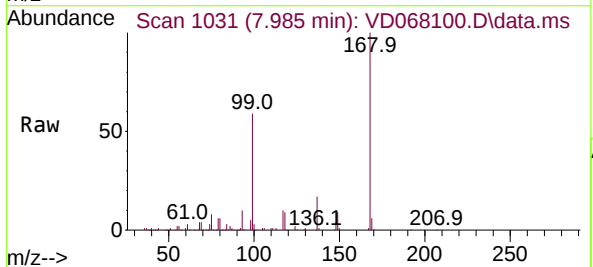
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

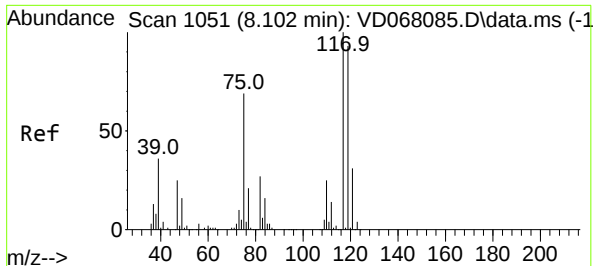
Tgt Ion:113 Resp: 327288
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 75 Resp: 49691
Ion Ratio Lower Upper
75 100
110 8.0 19.4 58.2#
77 0.3 25.3 37.9#

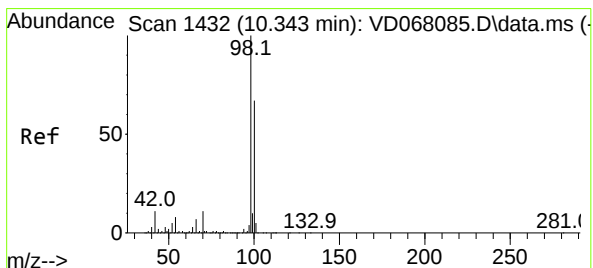
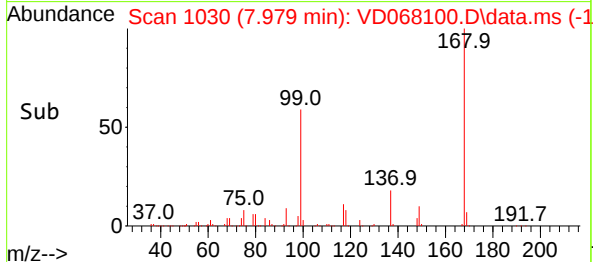
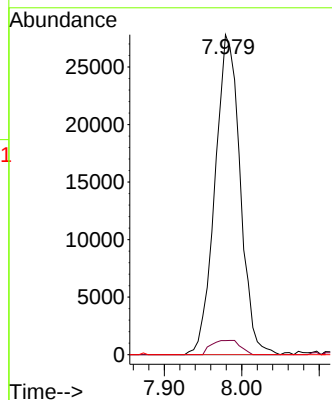
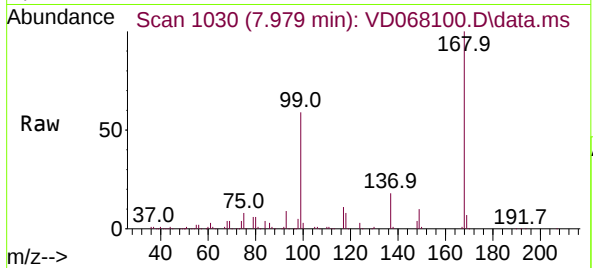




#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

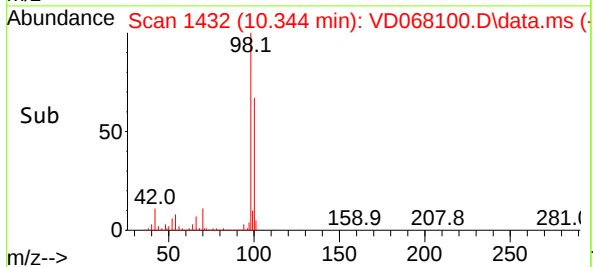
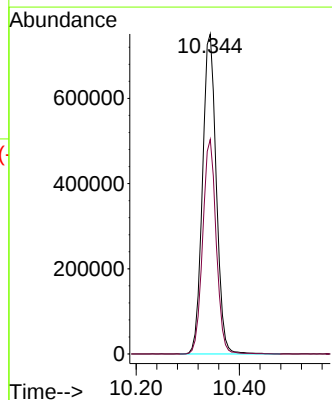
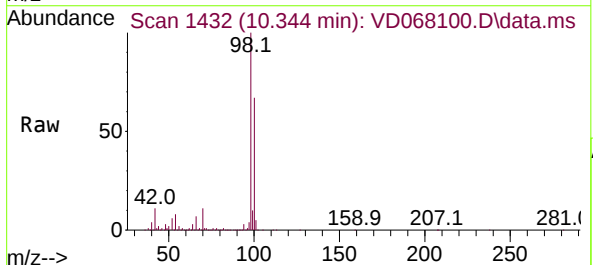
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

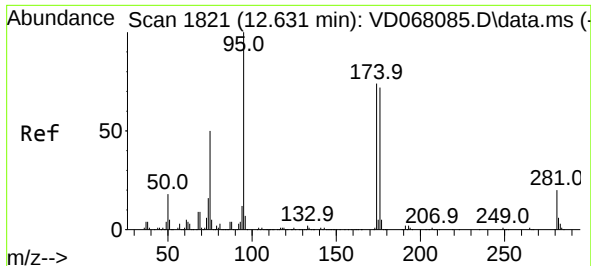
Tgt Ion:117 Resp: 62860
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.44 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 98 Resp: 1385770
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

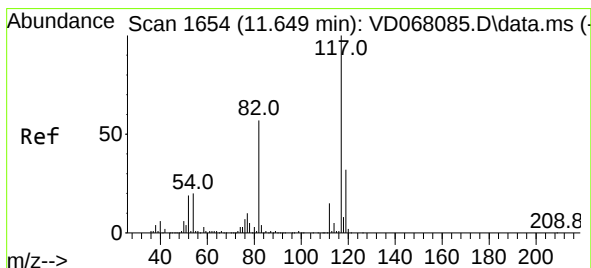
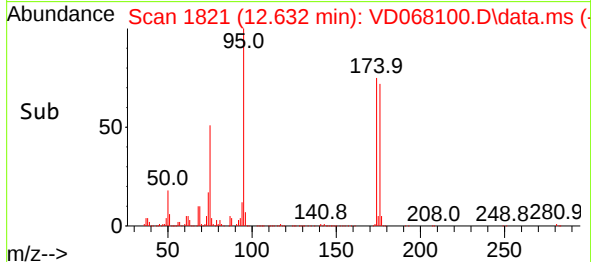
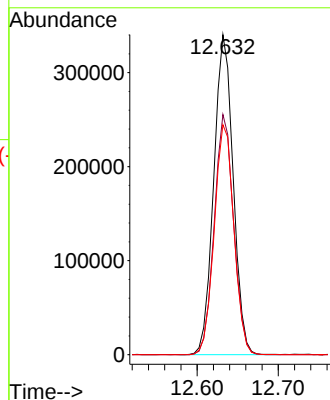
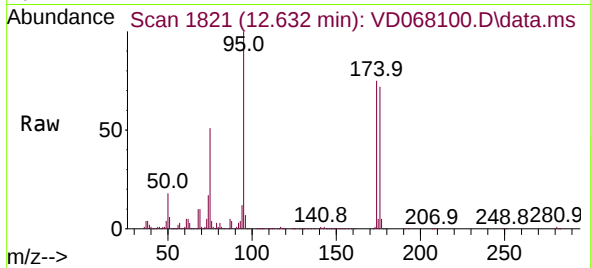




#62
4-Bromofluorobenzene
Concen: 65.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

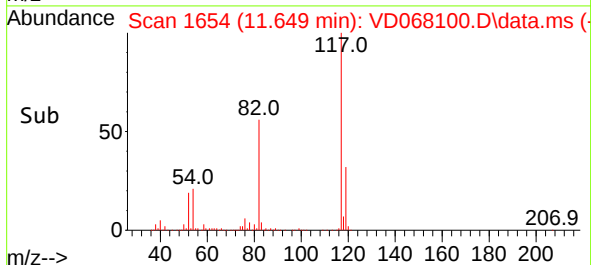
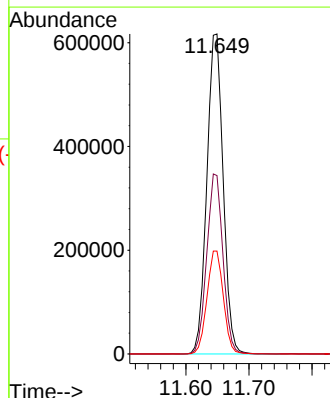
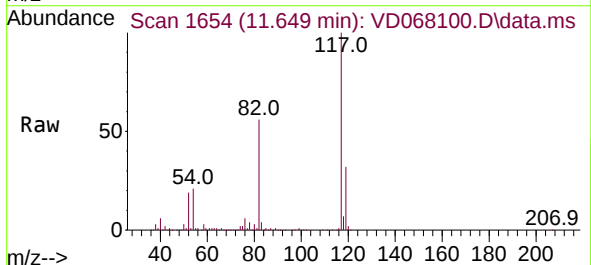
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

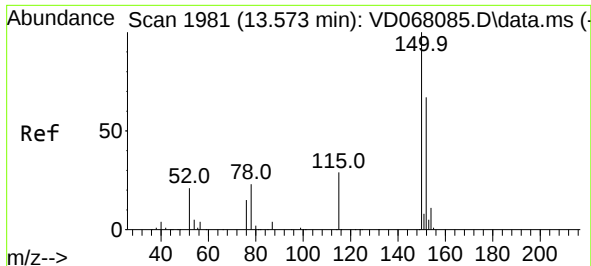
Tgt Ion: 95 Resp: 564892
Ion Ratio Lower Upper
95 100
174 74.9 0.0 172.4
176 72.7 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

Tgt Ion: 117 Resp: 1105852
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 32.1 26.1 39.1

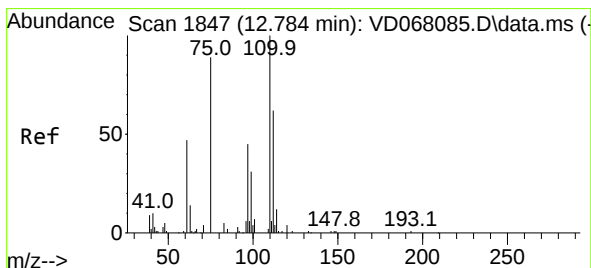
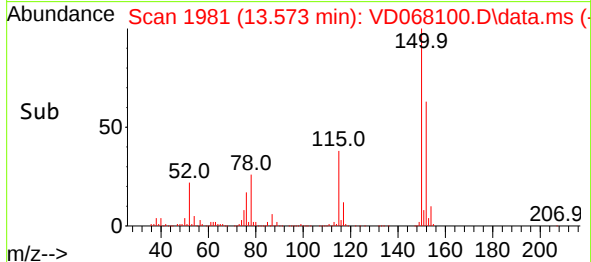
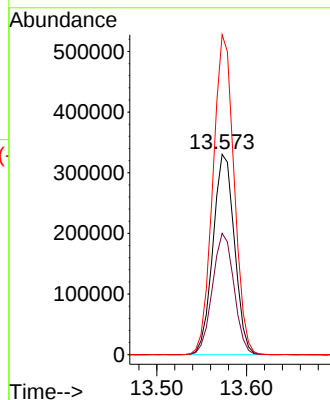
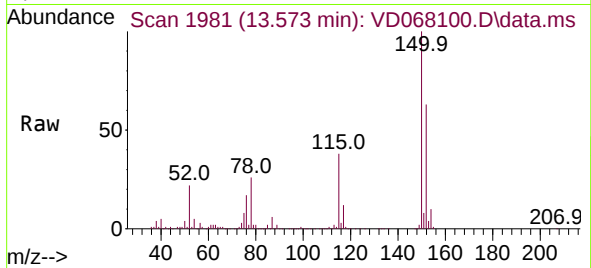




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

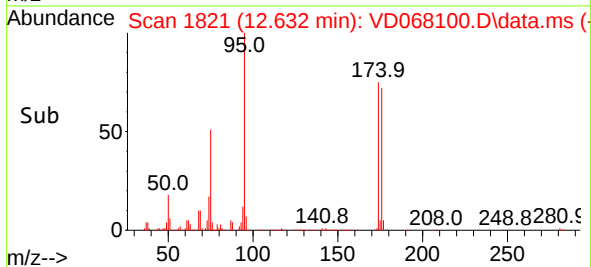
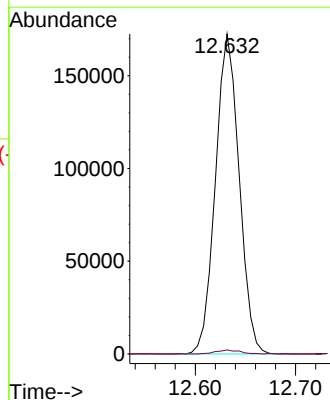
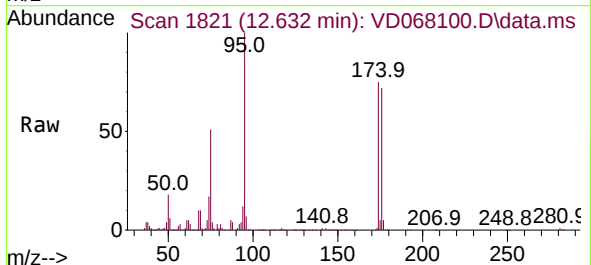
Instrument :
MSVOA_D
ClientSampleId :
BASIN-3

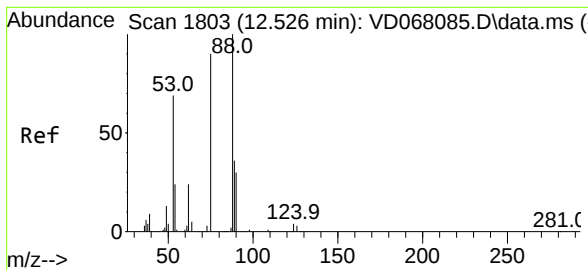
Tgt Ion:152 Resp: 550156
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 157.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068100.D
Acq: 19 Jan 2021 19:42

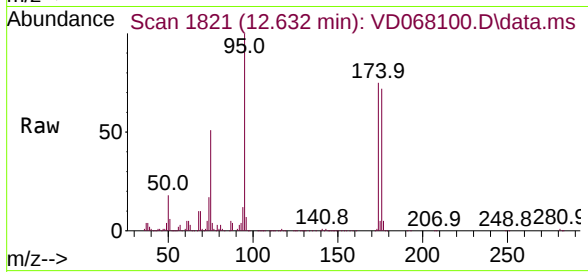
Tgt Ion: 75 Resp: 282585
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.50 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068100.D
 Acq: 19 Jan 2021 19:42

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-3



Tgt Ion: 75 Resp: 282585
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.0 40.3 60.5#

