

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068112.D
 Acq On : 20 Jan 2021 14:52
 Operator : VA/SY
 Sample : M1160-05RE
 Misc : 3.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-2RE

Quant Time: Jan 20 15:12:30 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)

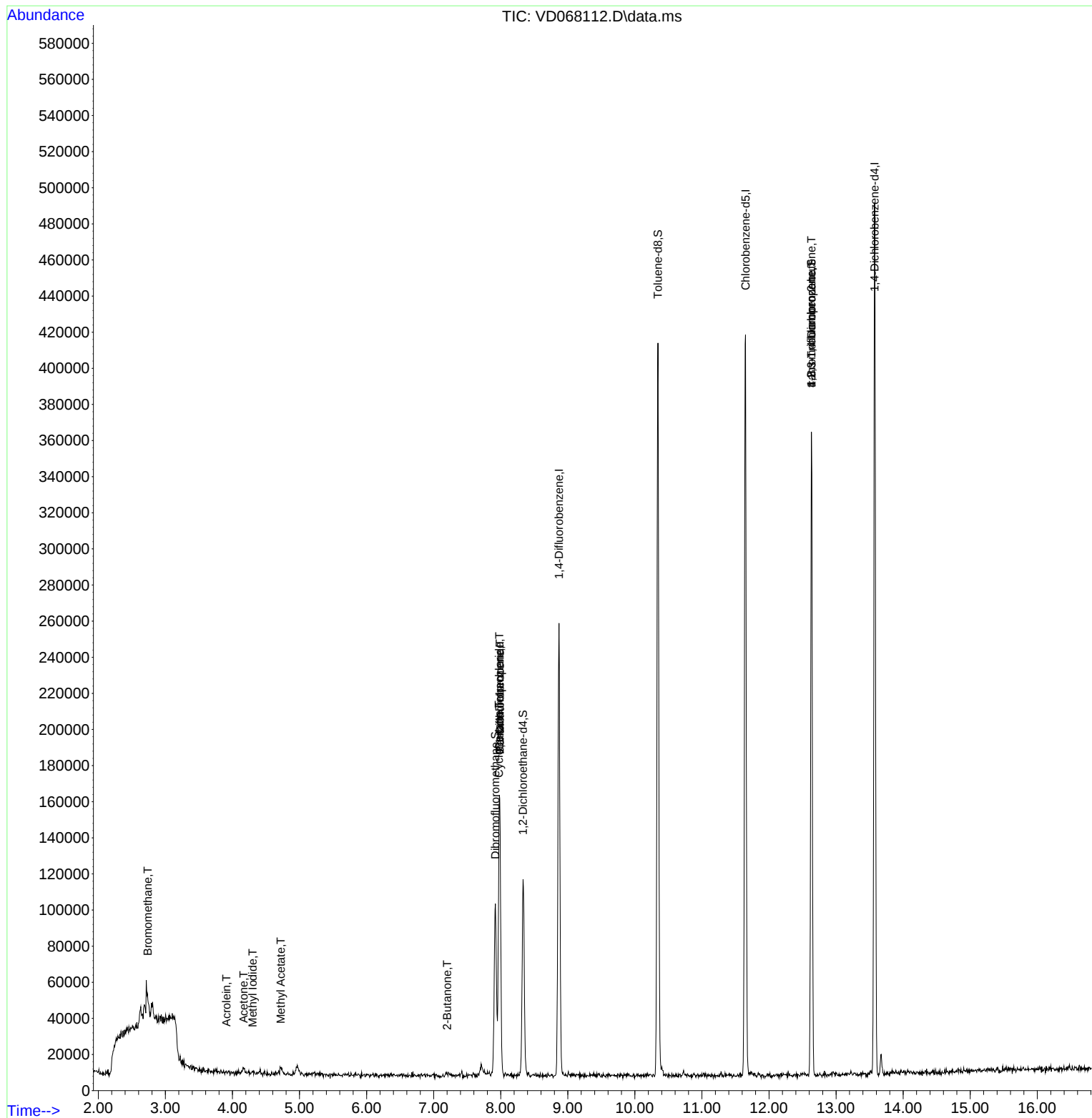
Internal Standards						
1) Pentafluorobenzene	7.985	168	119930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	223141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	243828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	129289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	87087	75.91	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.82%
35) Dibromofluoromethane	7.920	113	67545	54.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.50%
50) Toluene-d8	10.344	98	286138	57.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.98%
62) 4-Bromofluorobenzene	12.632	95	129419	72.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	145.66%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.738	94	2286	1.95	ug/l	83
10) Methyl Iodide	4.303	142	1514	4.13	ug/l #	82
11) Tert butyl alcohol	5.191	59	350	Below Cal	#	62
13) Acrolein	3.909	56	108	1.19	ug/l #	14
16) Acetone	4.167	43	5787	28.25	ug/l	97
18) Methyl Acetate	4.720	43	7924	14.90	ug/l #	64
20) Methylene Chloride	4.962	84	3554	Below Cal	#	82
25) 2-Butanone	7.203	43	846	2.74	ug/l #	43
31) Cyclohexane	7.973	56	3425	1.38	ug/l #	51
36) 1,1-Dichloropropene	7.985	75	10031	4.46	ug/l #	48
38) Carbon Tetrachloride	7.979	117	11644	5.53	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	63517	50.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	63517	102.82	ug/l #	13

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

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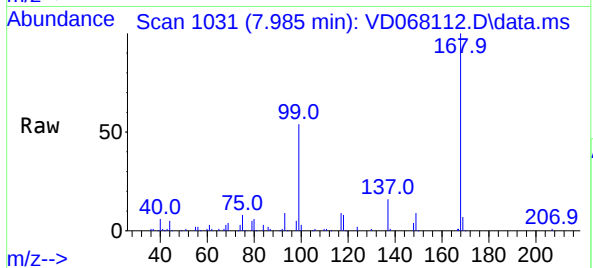
Quant Time: Jan 20 15:12:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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QLast Update : Tue Jan 19 13:19:08 2021
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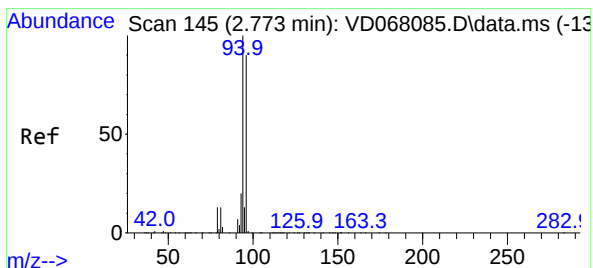
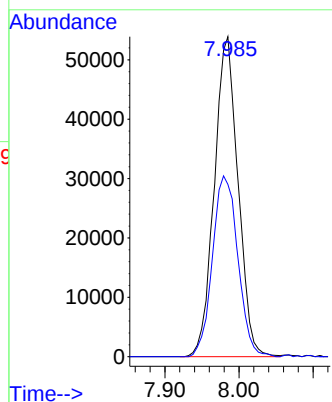
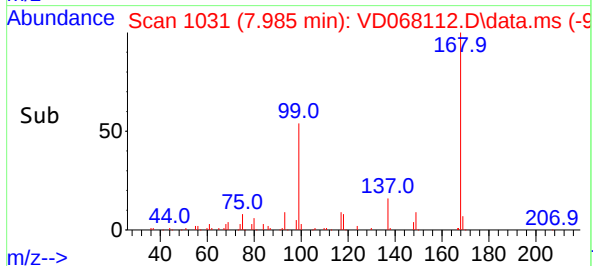


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

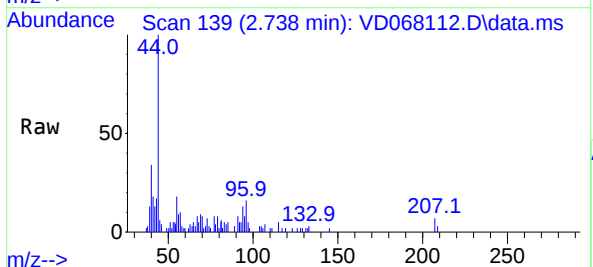
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE



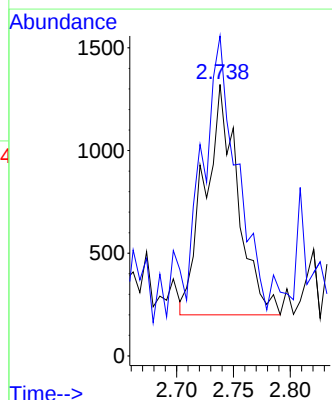
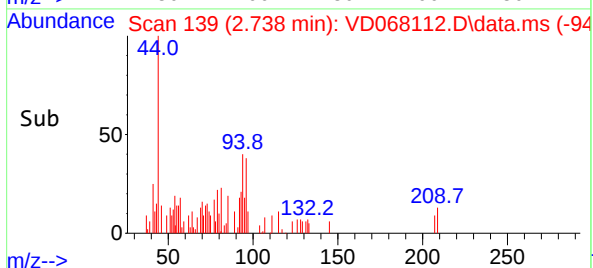
Tgt Ion:168 Resp: 119930
Ion Ratio Lower Upper
168 100
99 53.9 43.5 65.3

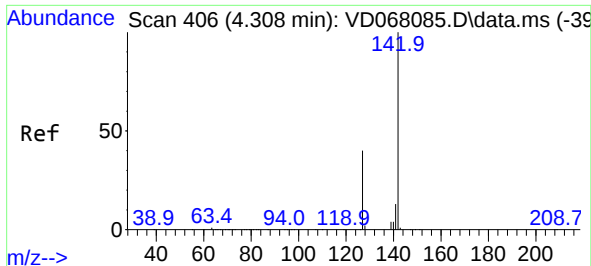


#5
Bromomethane
Concen: 1.95 ug/l
RT: 2.738 min Scan# 139
Delta R.T. -0.035 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52



Tgt Ion: 94 Resp: 2286
Ion Ratio Lower Upper
94 100
96 111.1 75.8 113.8

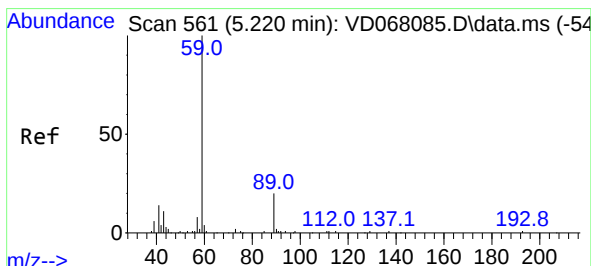
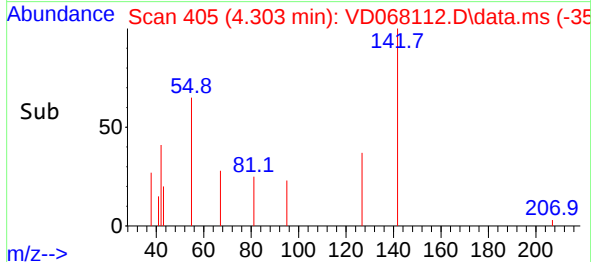
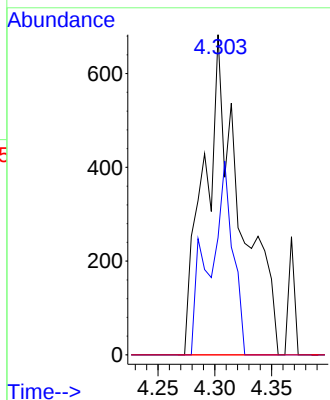
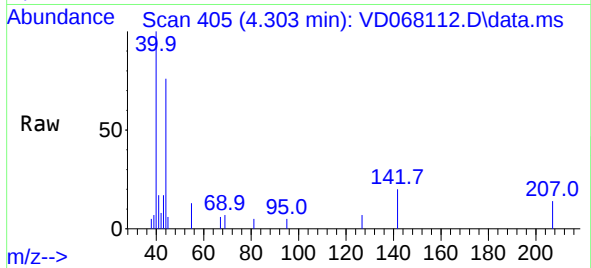




#10
Methyl Iodide
Concen: 4.13 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

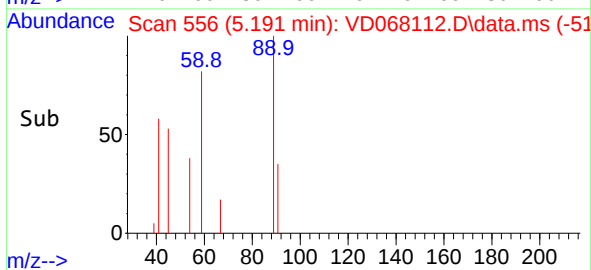
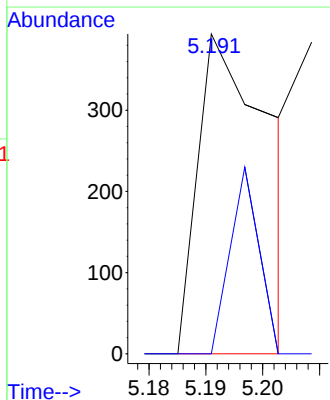
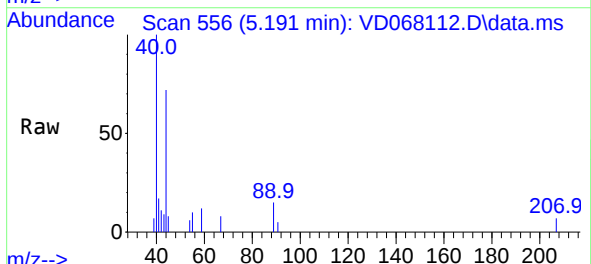
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

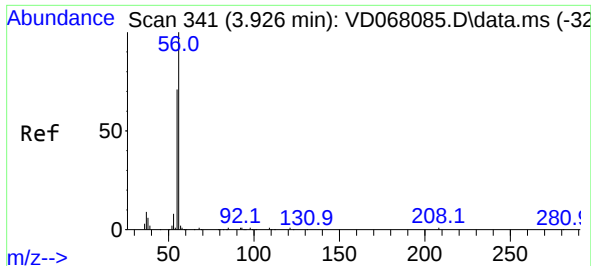
Tgt Ion:142 Resp: 1514
Ion Ratio Lower Upper
142 100
127 38.8 37.9 56.9
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 23.1 7.4 11.2#

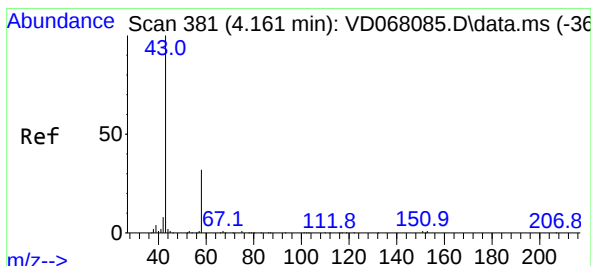
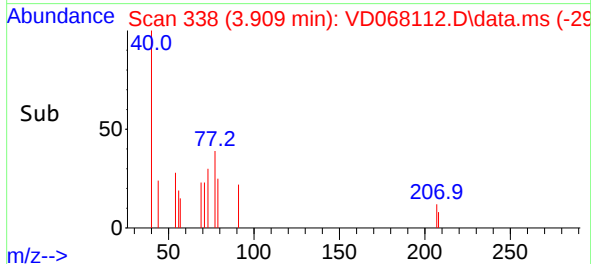
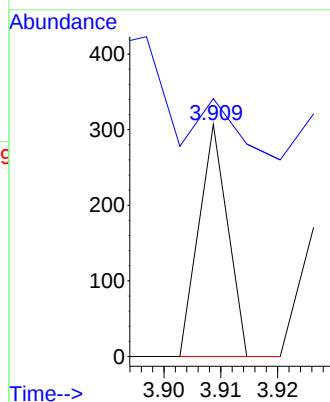
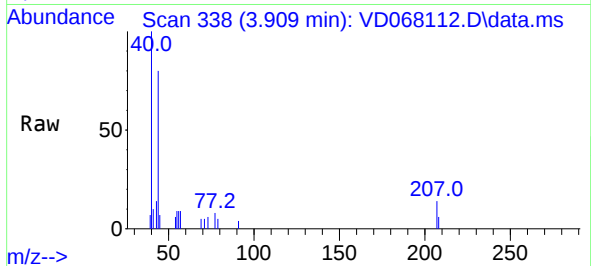




#13
Acrolein
Concen: 1.19 ug/l
RT: 3.909 min Scan# 338
Delta R.T. -0.017 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

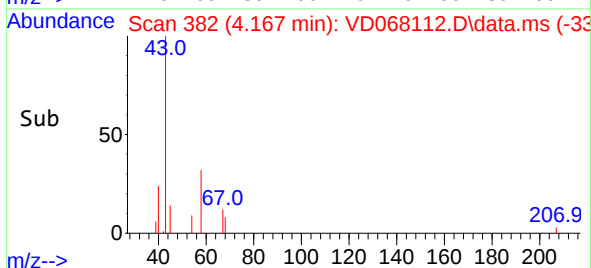
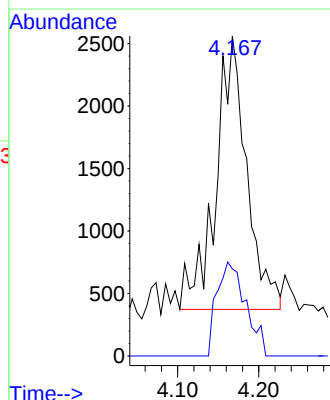
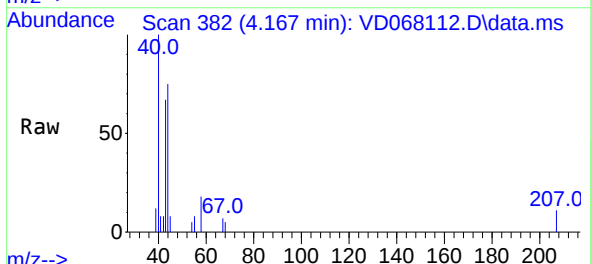
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

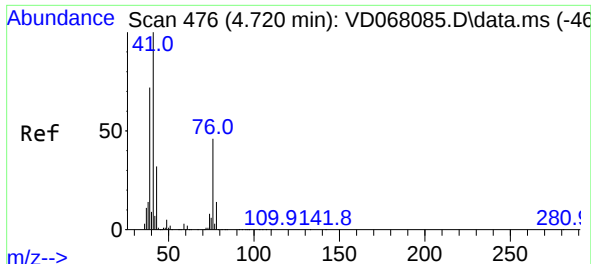
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 28.25 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.4

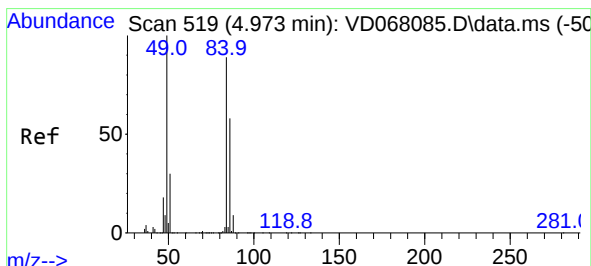
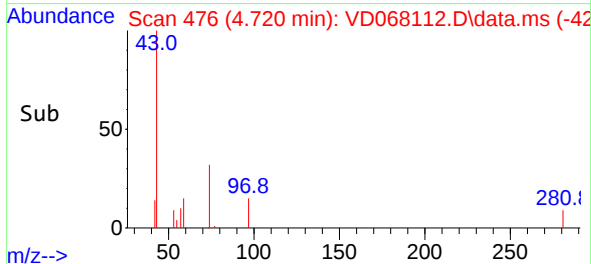
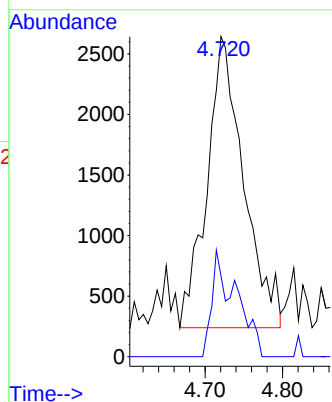
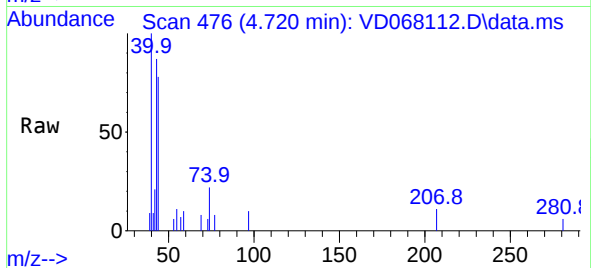




#18
Methyl Acetate
Concen: 14.90 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

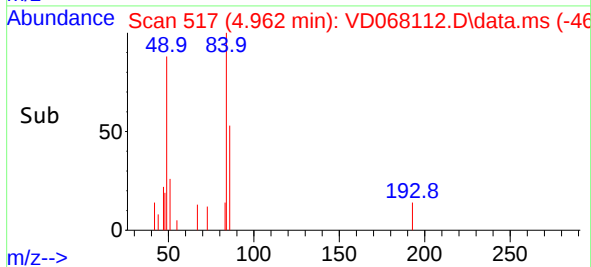
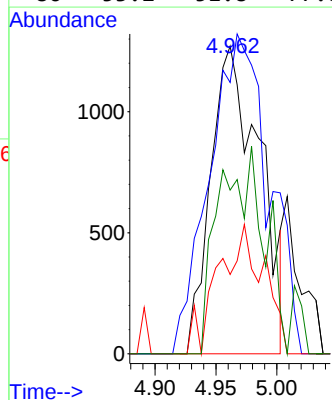
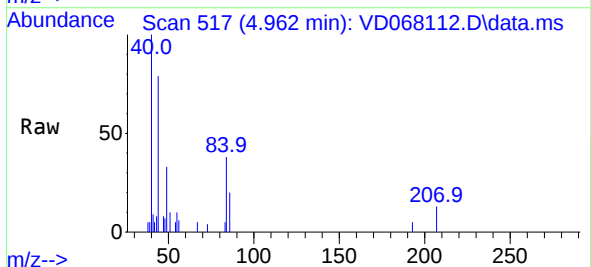
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

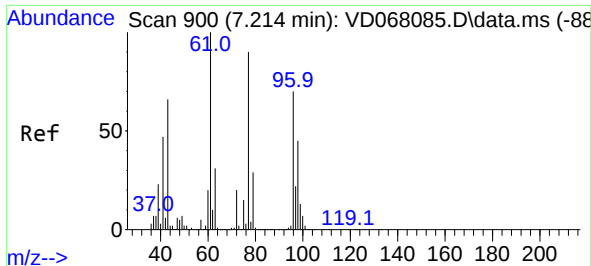
Tgt Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
74 11.8 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 84 Resp: 3554
Ion Ratio Lower Upper
84 100
49 75.7 77.4 116.2#
51 25.8 26.1 39.1#
86 53.2 51.8 77.8

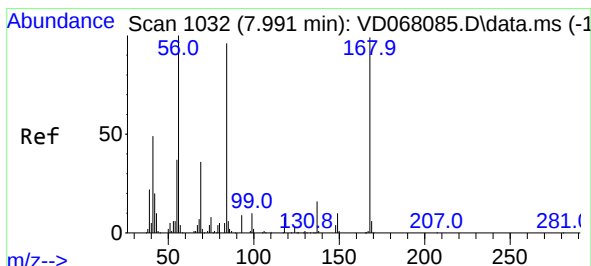
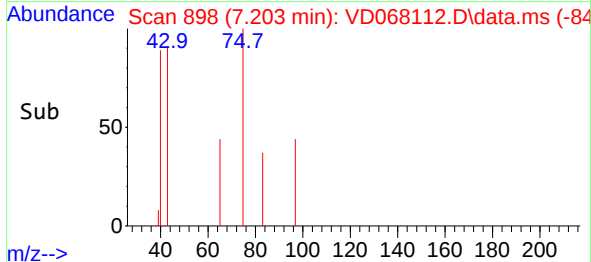
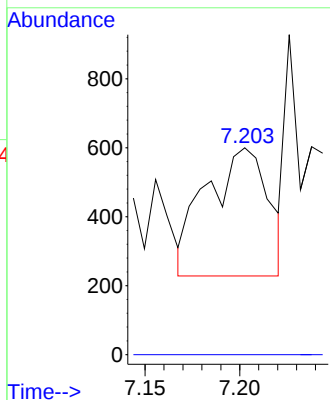
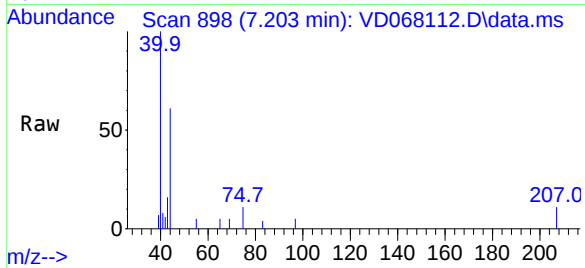




#25
2-Butanone
Concen: 2.74 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

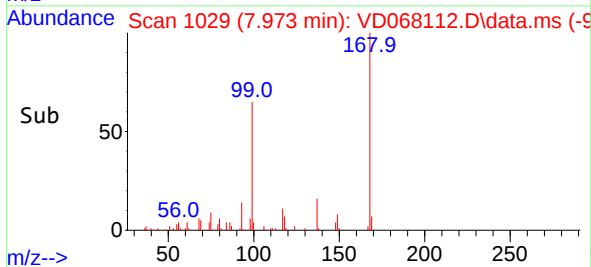
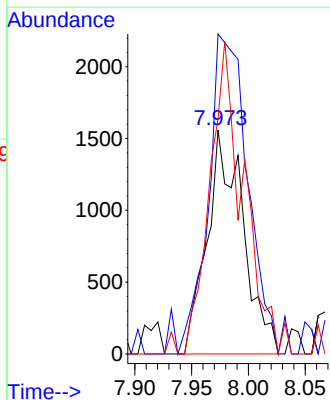
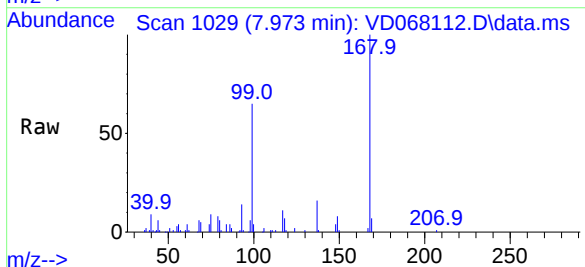
Instrument :
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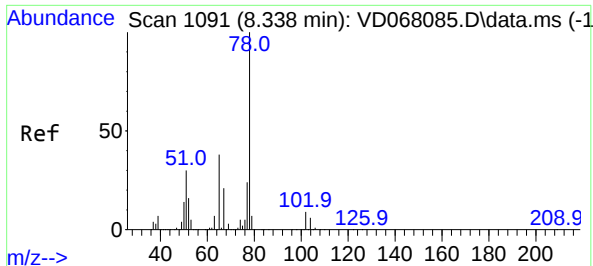
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 56 Resp: 3425
Ion Ratio Lower Upper
56 100
69 143.0 30.1 45.1#
84 105.1 82.1 123.1

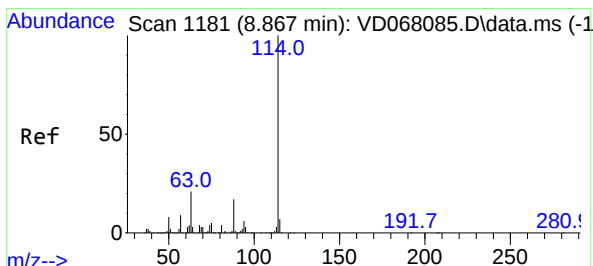
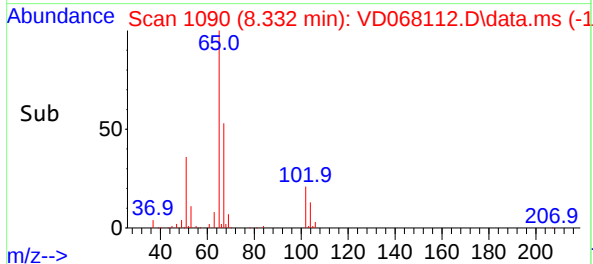
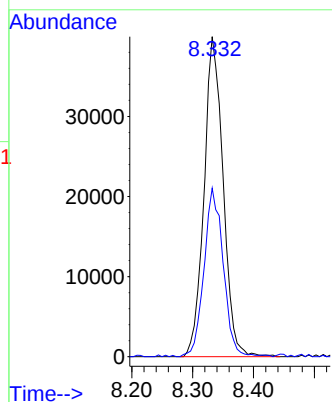
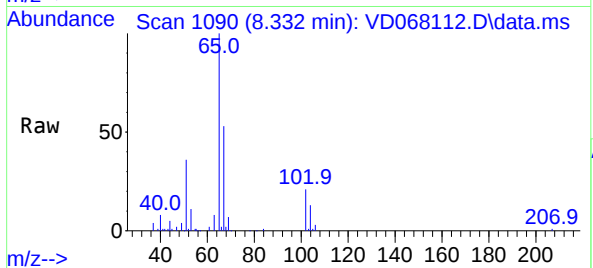




#33
1,2-Dichloroethane-d4
Concen: 75.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

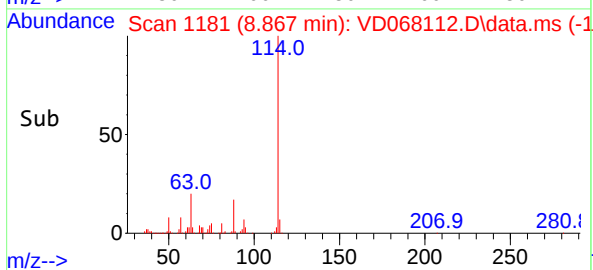
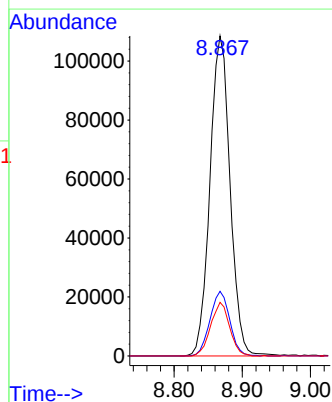
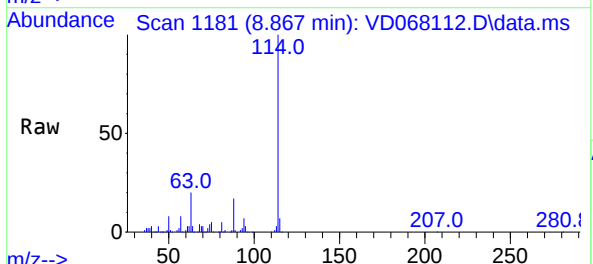
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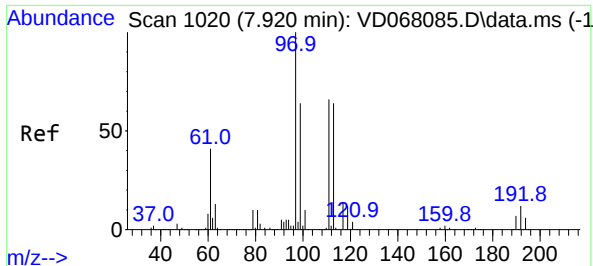
Tgt Ion: 65 Resp: 87087
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 114 Resp: 223141
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 16.8 0.0 31.6

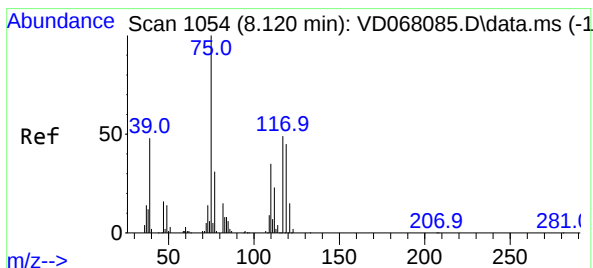
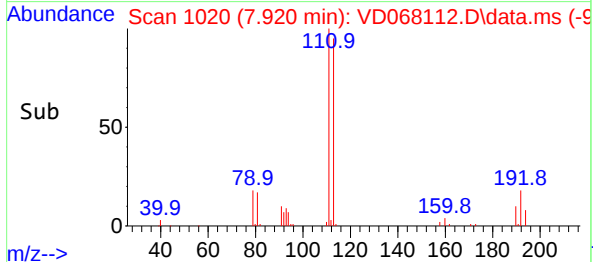
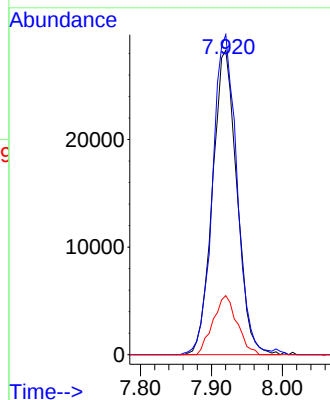
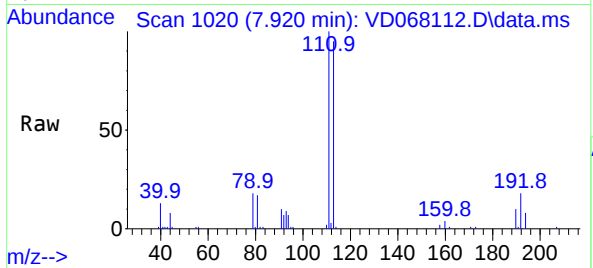




#35
Dibromofluoromethane
Concen: 54.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

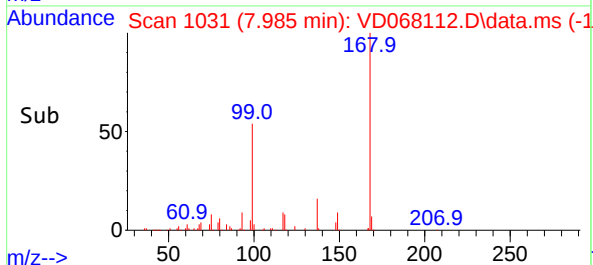
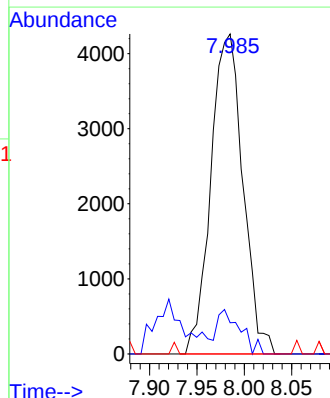
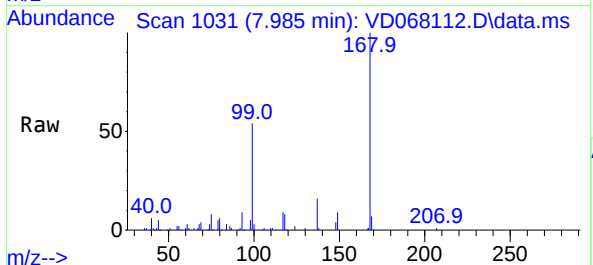
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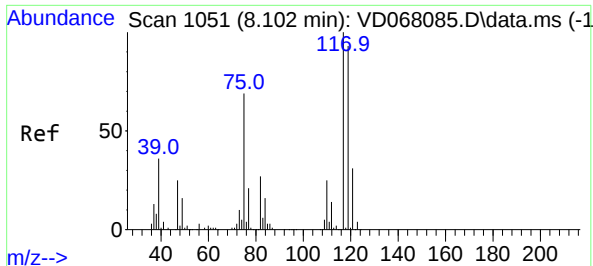
Tgt Ion:113 Resp: 67545
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 75 Resp: 10031
Ion Ratio Lower Upper
75 100
110 9.7 19.4 58.2#
77 0.0 25.3 37.9#

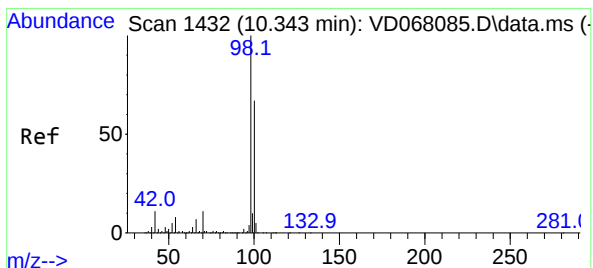
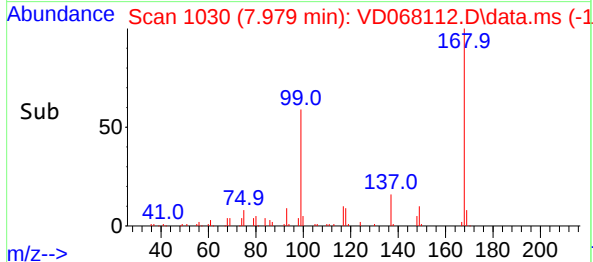
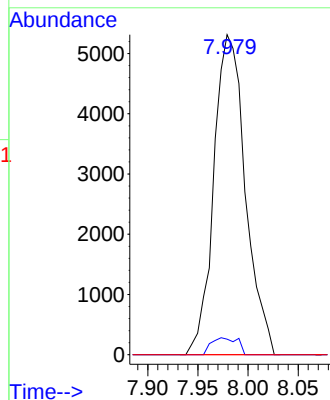
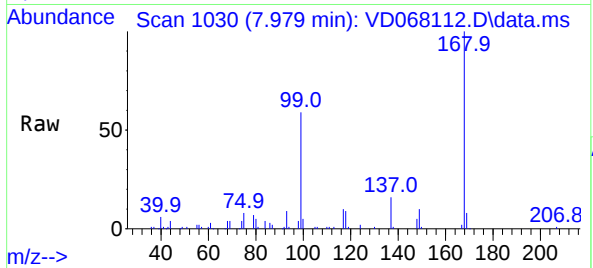




#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

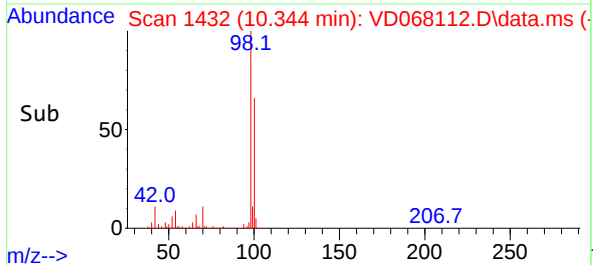
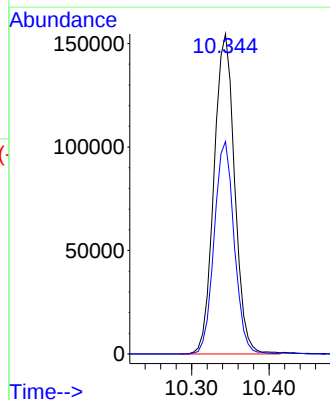
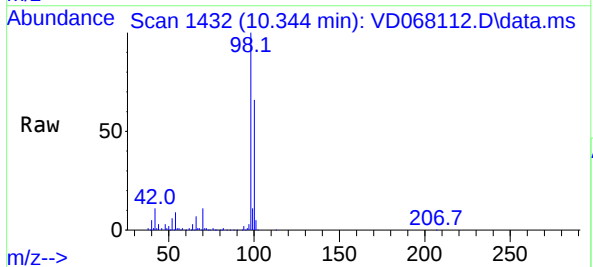
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

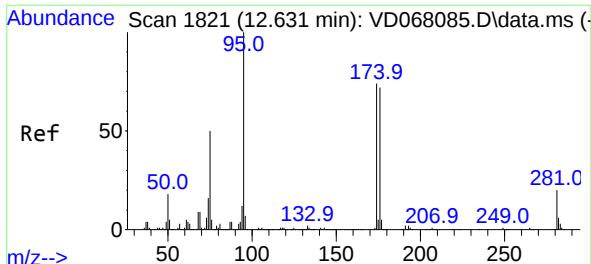
Tgt Ion:117 Resp: 11644
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 98 Resp: 286138
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

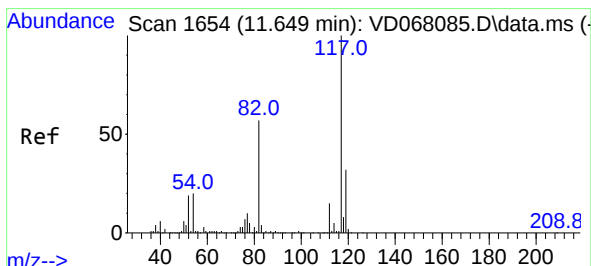
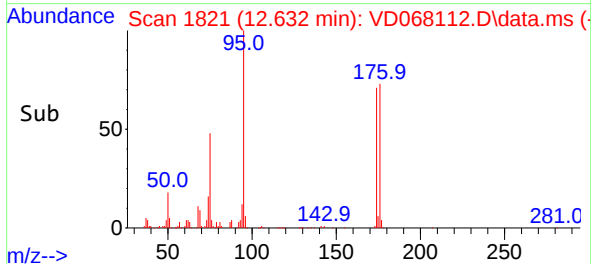
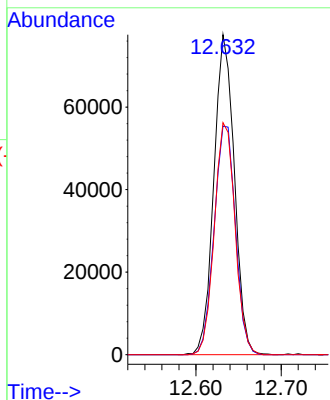
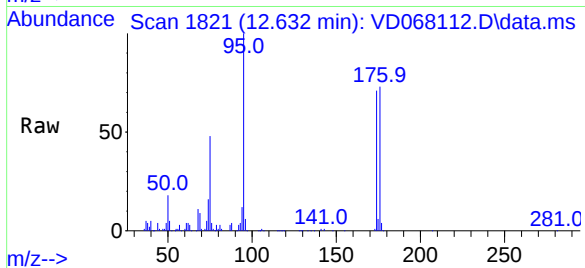




#62
4-Bromofluorobenzene
Concen: 72.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

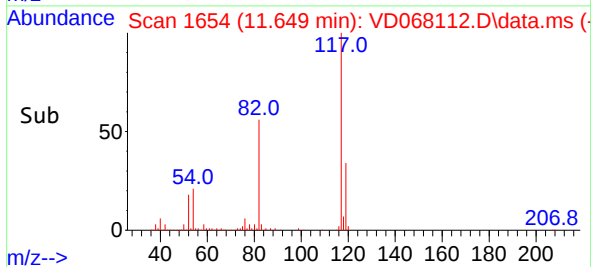
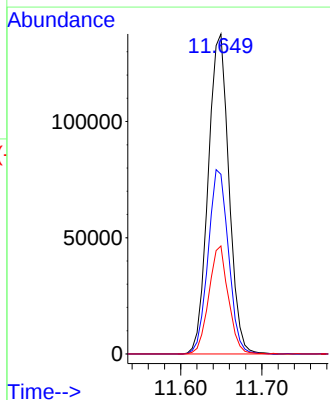
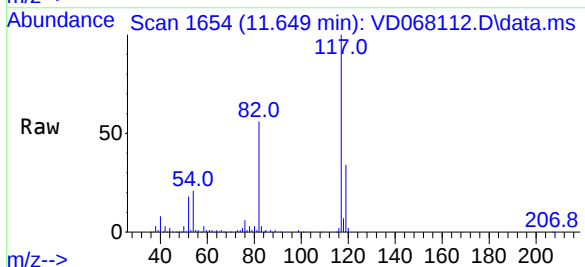
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

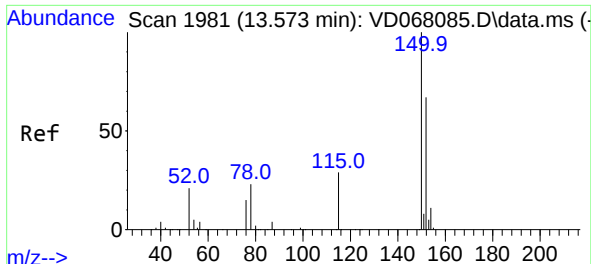
Tgt Ion: 95 Resp: 129419
Ion Ratio Lower Upper
95 100
174 74.5 0.0 172.4
176 73.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 117 Resp: 243828
Ion Ratio Lower Upper
117 100
82 56.2 41.4 62.0
119 33.8 26.1 39.1

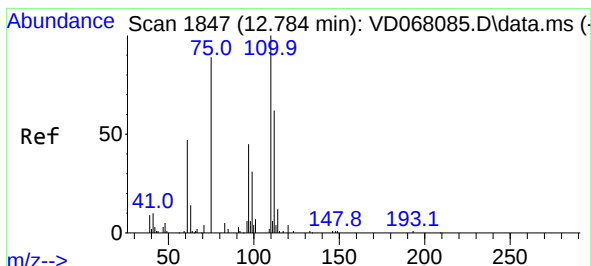
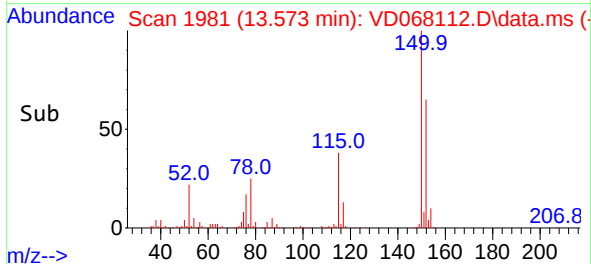
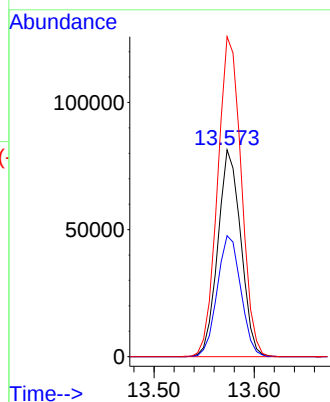
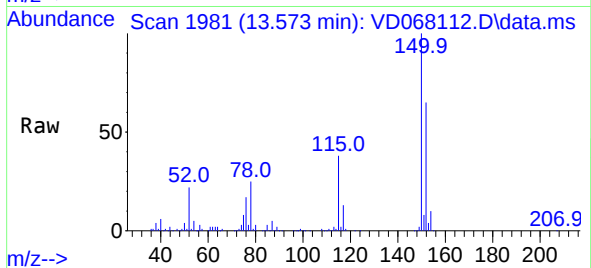




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

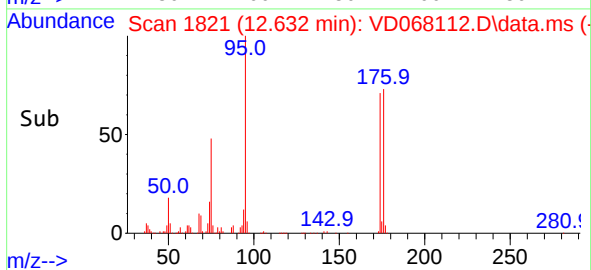
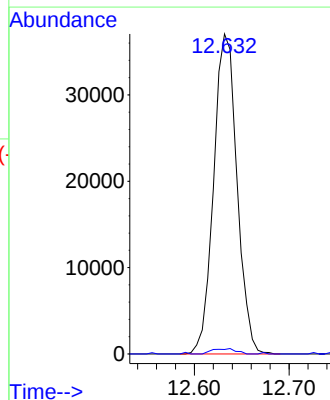
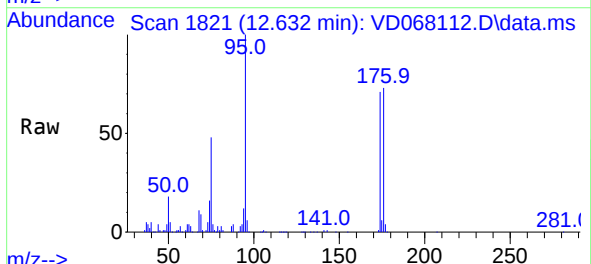
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

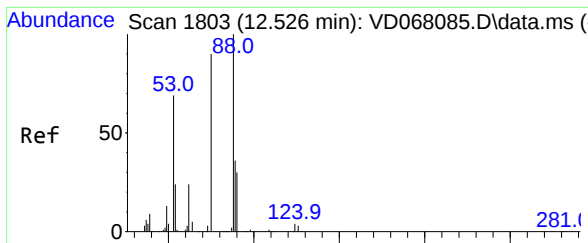
Tgt Ion:152 Resp: 129289
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 50.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

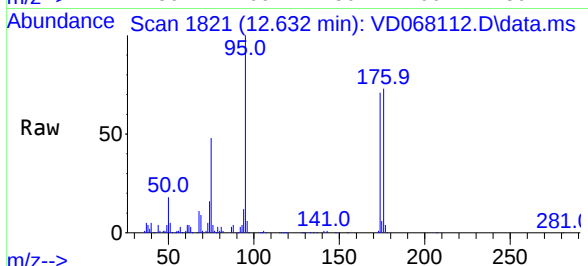
Tgt Ion: 75 Resp: 63517
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.82 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068112.D
 Acq: 20 Jan 2021 14:52

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-2RE



Tgt Ion: 75 Resp: 63517
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

