

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068111.D
 Acq On : 20 Jan 2021 14:24
 Operator : VA/SY
 Sample : M1160-13
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-6

Quant Time: Jan 20 15:12:08 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)

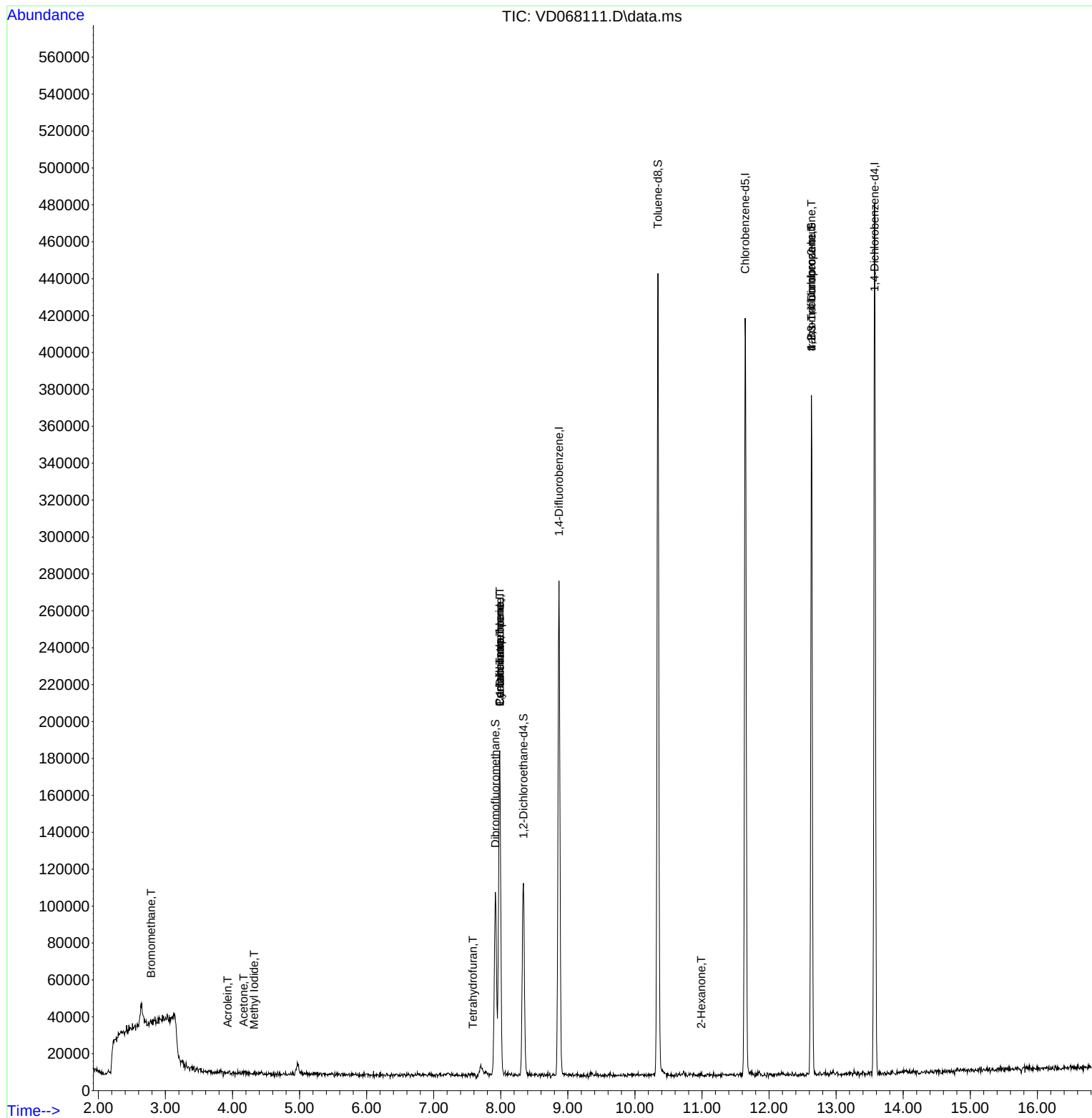
Internal Standards						
1) Pentafluorobenzene	7.985	168	129748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	234547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	252624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	125860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	87040	70.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.26%			
35) Dibromofluoromethane	7.920	113	71054	54.80	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.60%			
50) Toluene-d8	10.344	98	296597	57.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.36%			
62) 4-Bromofluorobenzene	12.632	95	127018	68.00	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 136.00%			
Target Compounds					Qvalue	
5) Bromomethane	2.785	94	1311	1.04	ug/l #	48
10) Methyl Iodide	4.320	142	433	3.42	ug/l #	38
11) Tert butyl alcohol	5.226	59	329	Below Cal	#	1
13) Acrolein	3.926	56	244	2.49	ug/l #	14
16) Acetone	4.167	43	528	2.38	ug/l #	44
20) Methylene Chloride	4.967	84	4932	Below Cal		92
29) Tetrahydrofuran	7.585	42	791	3.66	ug/l #	30
31) Cyclohexane	7.985	56	3813	1.42	ug/l #	48
36) 1,1-Dichloropropene	7.985	75	10313	4.36	ug/l #	49
38) Carbon Tetrachloride	7.985	117	13151	5.94	ug/l #	15
59) 2-Hexanone	10.991	43	736	1.31	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	65053	53.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	65053	108.17	ug/l #	13

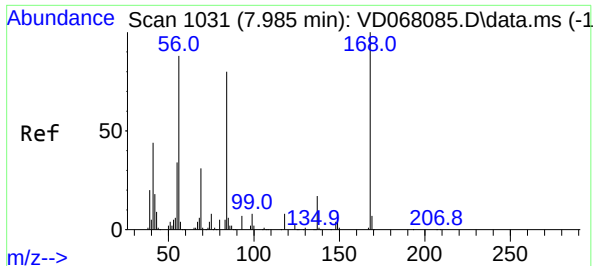
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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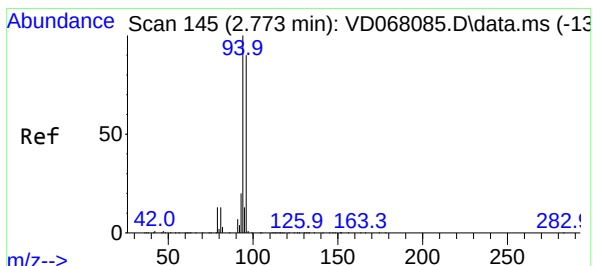
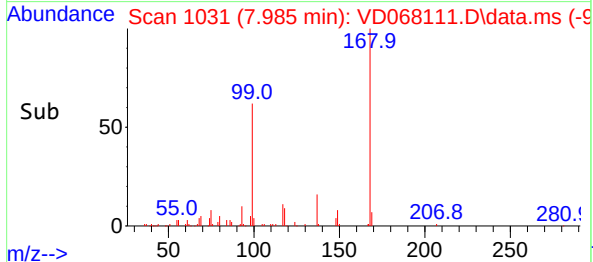
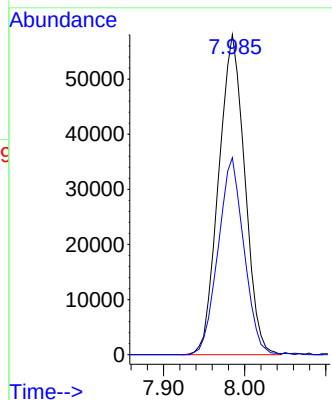
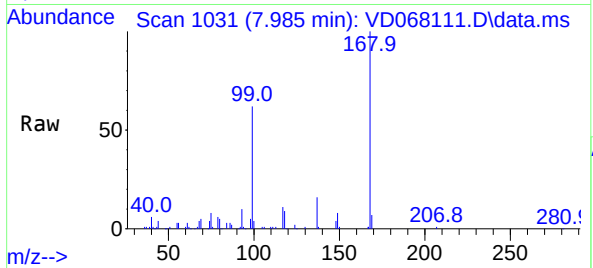




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

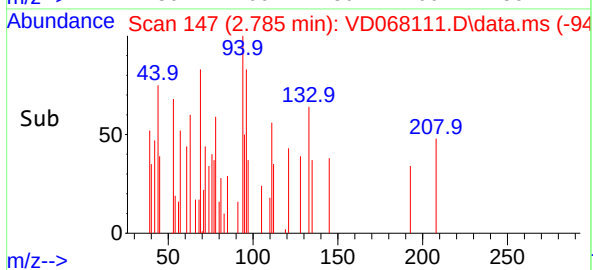
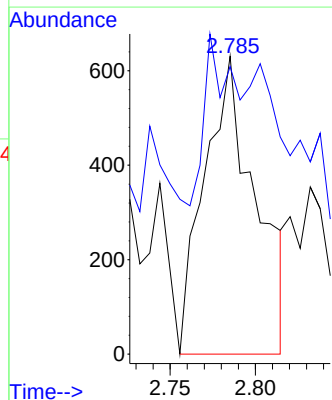
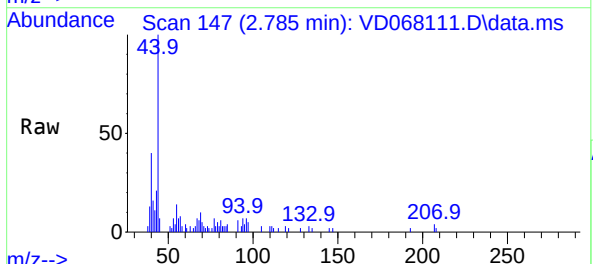
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

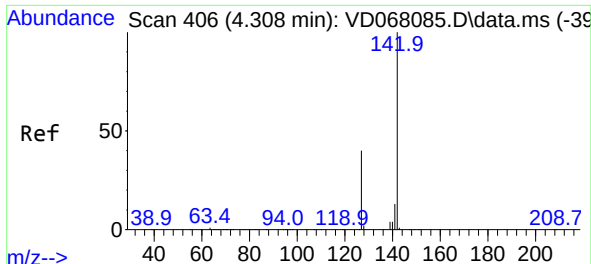
Tgt Ion:168 Resp: 129748
Ion Ratio Lower Upper
168 100
99 61.6 43.5 65.3



#5
Bromomethane
Concen: 1.04 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 94 Resp: 1311
Ion Ratio Lower Upper
94 100
96 44.5 75.8 113.8#

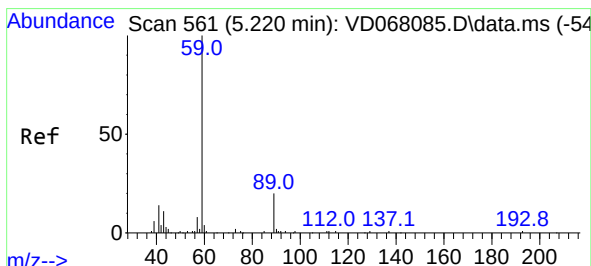
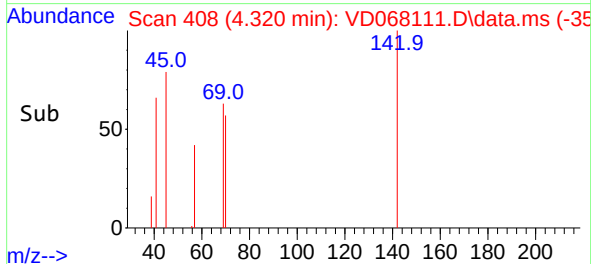
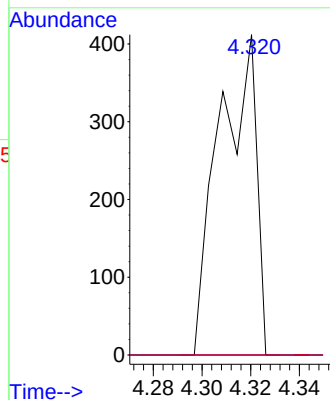
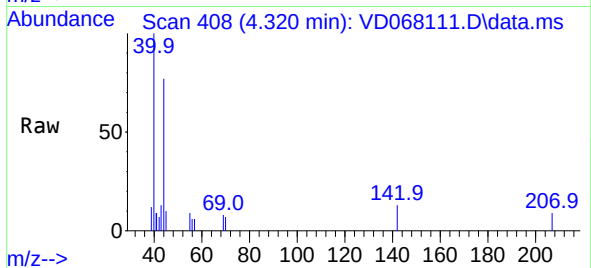




#10
Methyl Iodide
Concen: 3.42 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

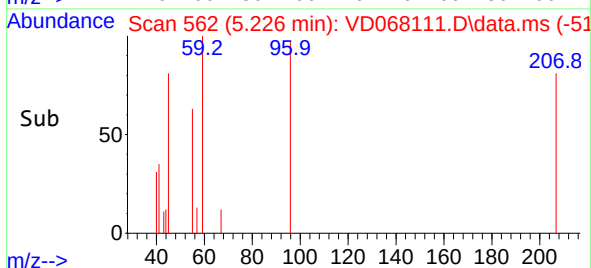
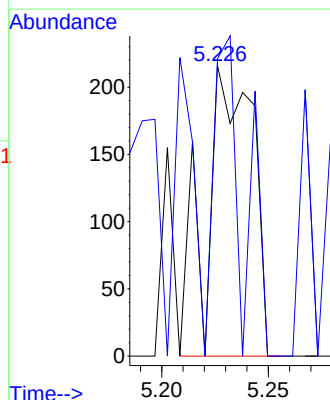
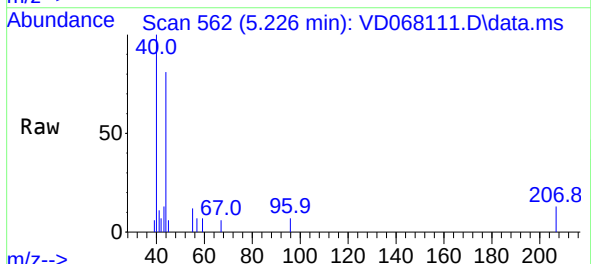
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

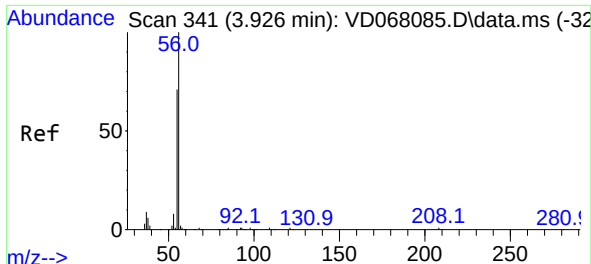
Tgt Ion:142 Resp: 433
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 70.2 7.4 11.2#

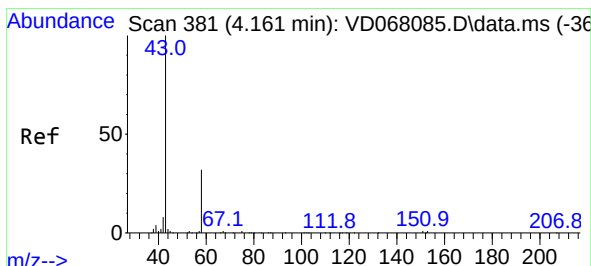
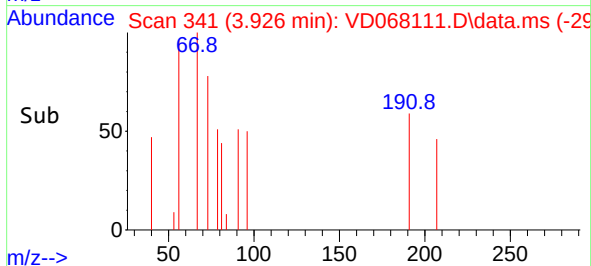
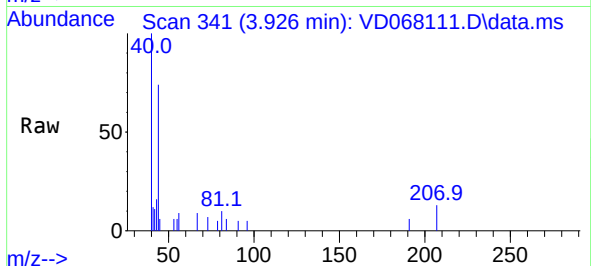




#13
Acrolein
Concen: 2.49 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

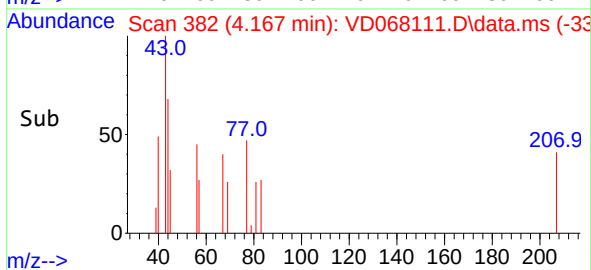
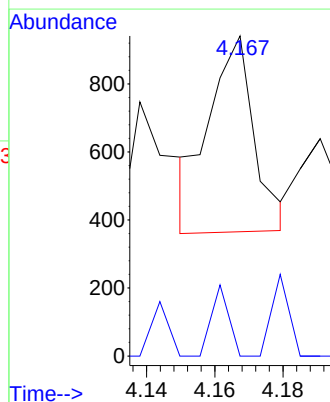
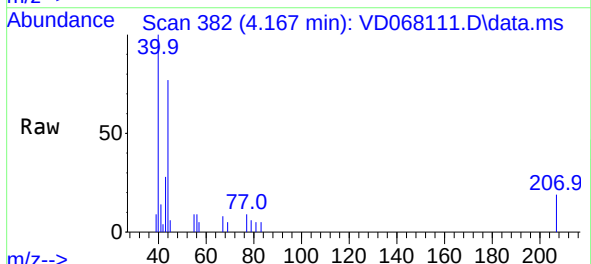
Instrument :
MSVOA_D
ClientSampleID :
BASIN-6

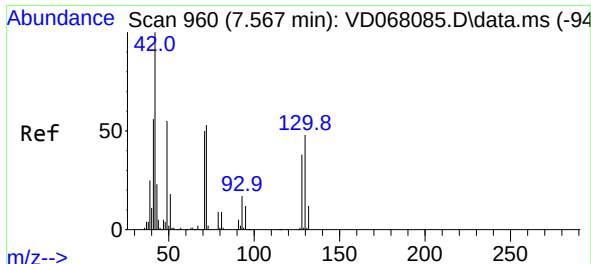
Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 2.38 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





#29

Tetrahydrofuran

Concen: 3.66 ug/l

RT: 7.585 min Scan# 963

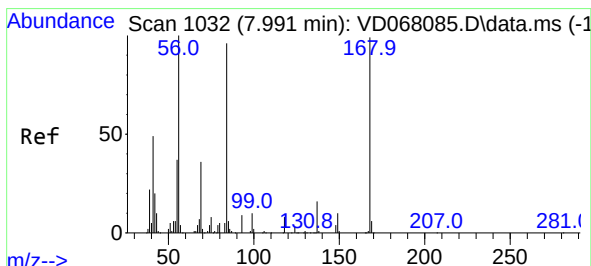
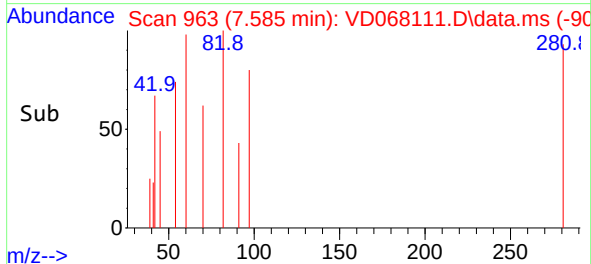
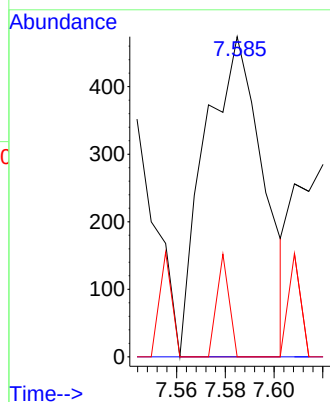
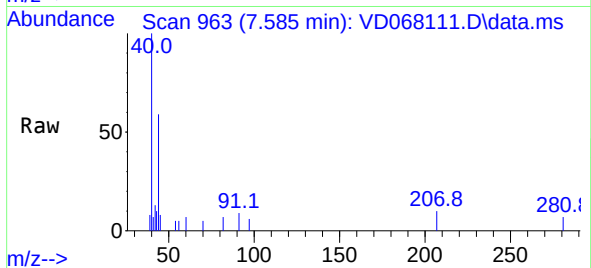
Delta R.T. 0.018 min

Lab File: VD068111.D

Acq: 20 Jan 2021 14:24

Instrument :
MSVOA_D
ClientSampled :
BASIN-6

Tgt Ion:	42	Resp:	791
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.4	65.0#
71	6.8	40.8	61.2#



#31

Cyclohexane

Concen: 1.42 ug/l

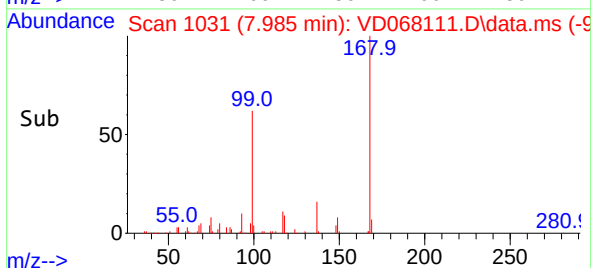
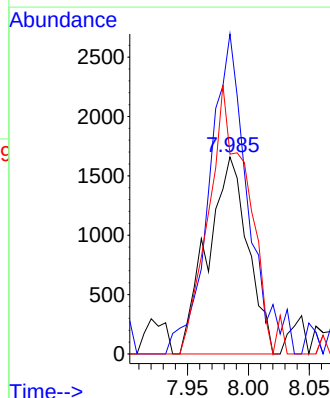
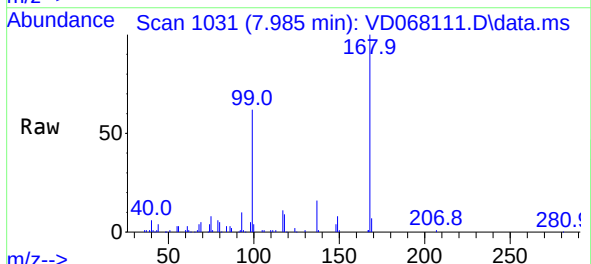
RT: 7.985 min Scan# 1031

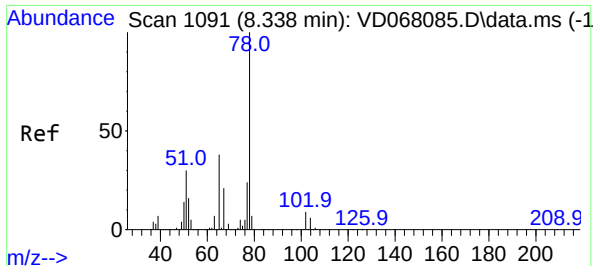
Delta R.T. -0.006 min

Lab File: VD068111.D

Acq: 20 Jan 2021 14:24

Tgt Ion:	56	Resp:	3813
Ion	Ratio	Lower	Upper
56	100		
69	152.3	30.1	45.1#
84	101.4	82.1	123.1

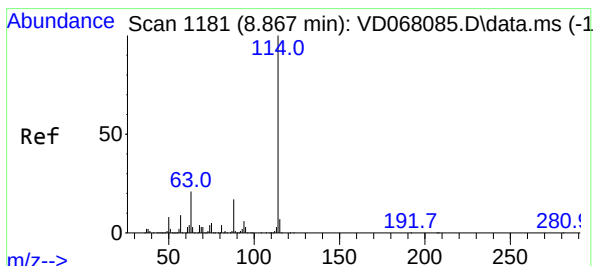
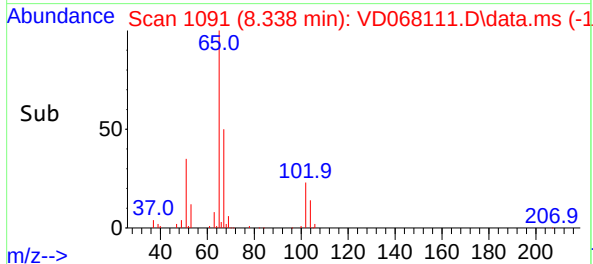
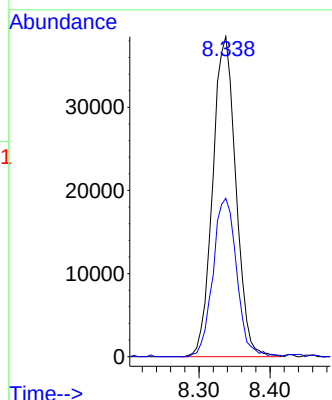
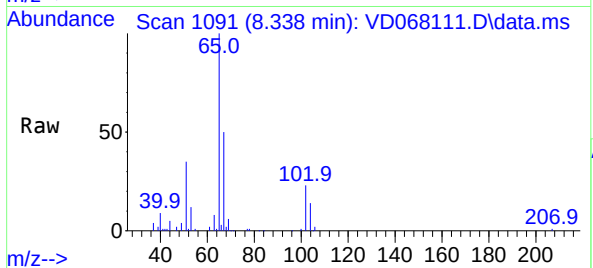




#33
1,2-Dichloroethane-d4
Concen: 70.13 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

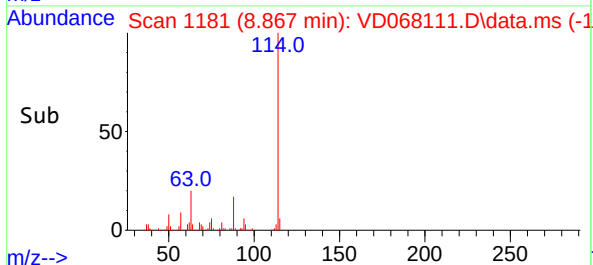
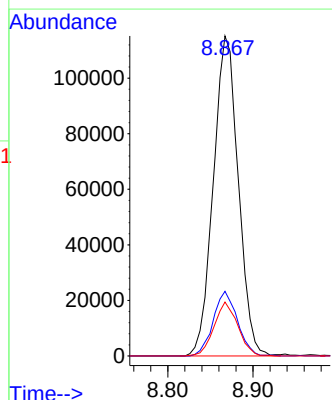
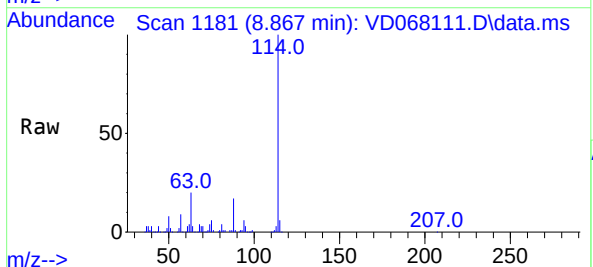
Instrument :
MSVOA_D
ClientSampled :
BASIN-6

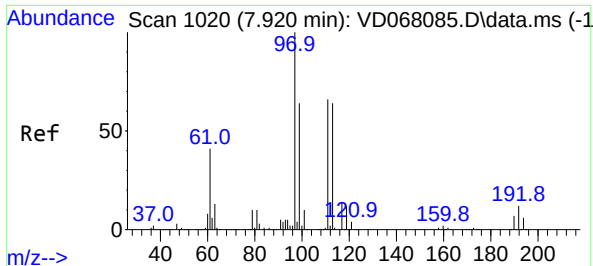
Tgt Ion: 65 Resp: 87040
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 114 Resp: 234547
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 16.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.80 ug/l

RT: 7.920 min Scan# 1020

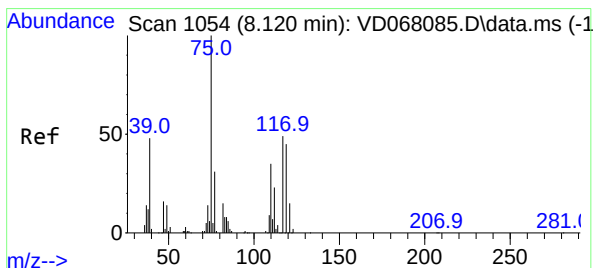
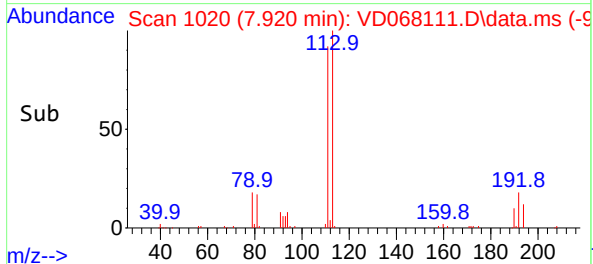
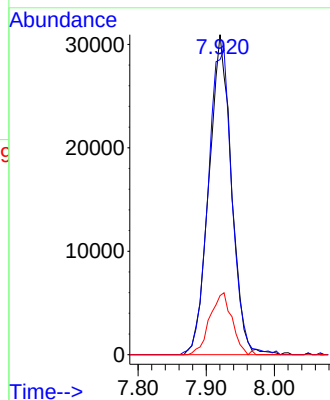
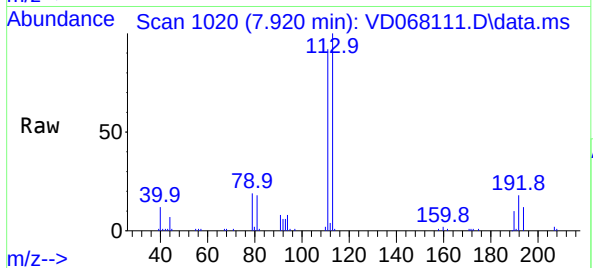
Delta R.T. 0.000 min

Lab File: VD068111.D

Acq: 20 Jan 2021 14:24

Tgt Ion:	113	Resp:	71054
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	19.2	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
BASIN-6



#36

1,1-Dichloropropene

Concen: 4.36 ug/l

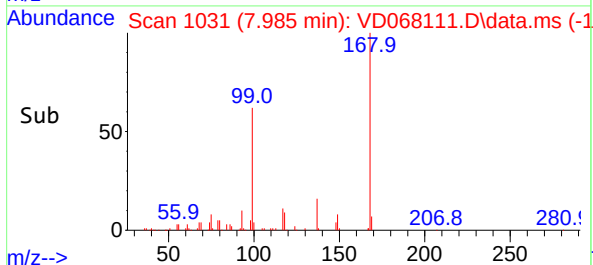
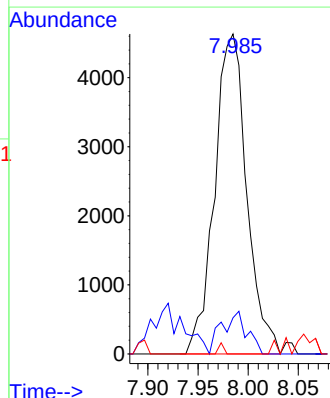
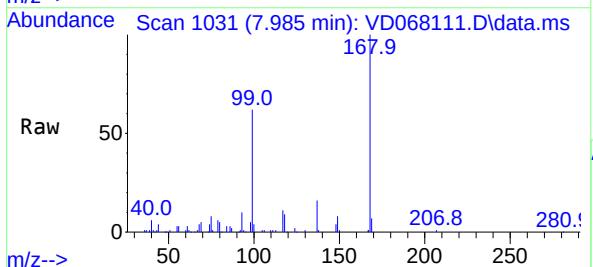
RT: 7.985 min Scan# 1031

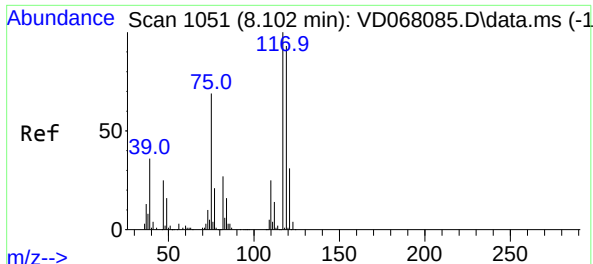
Delta R.T. -0.135 min

Lab File: VD068111.D

Acq: 20 Jan 2021 14:24

Tgt Ion:	75	Resp:	10313
Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.4	58.2#
77	0.6	25.3	37.9#

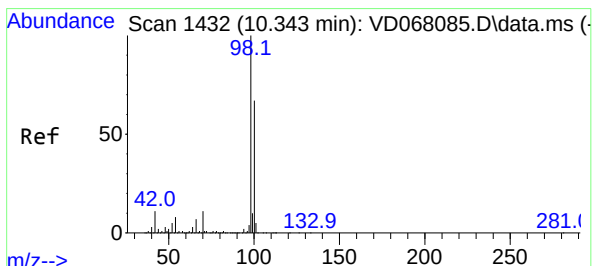
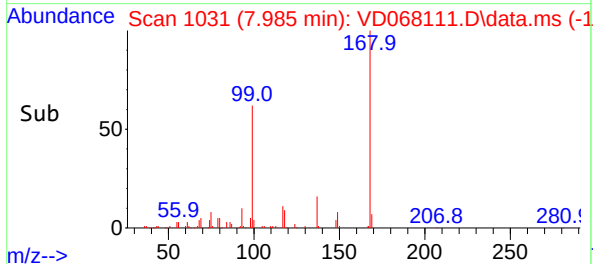
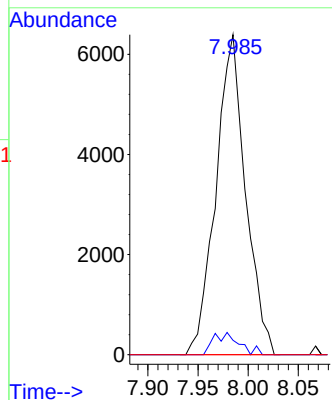
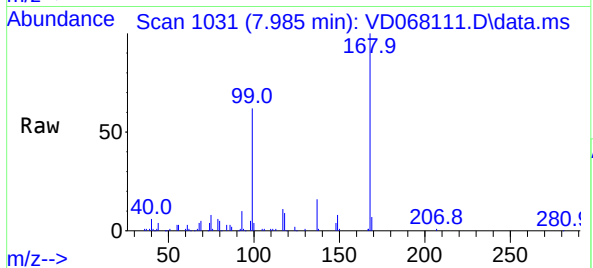




#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

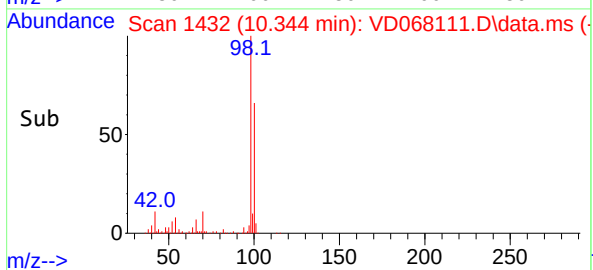
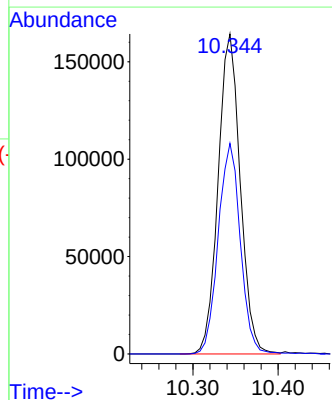
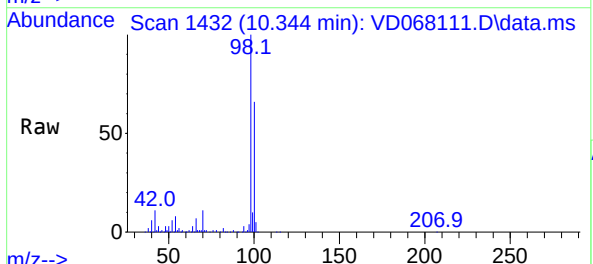
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

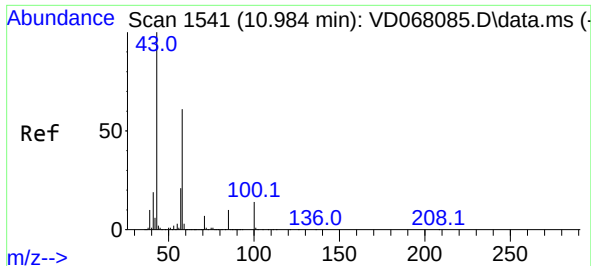
Tgt Ion:117 Resp: 13151
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.18 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 98 Resp: 296597
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

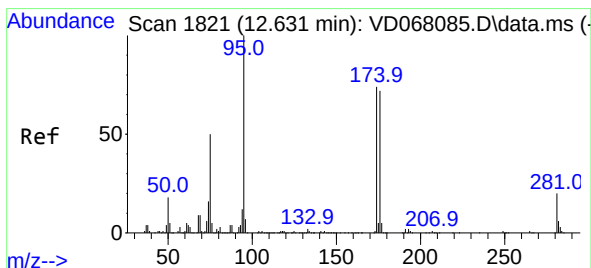
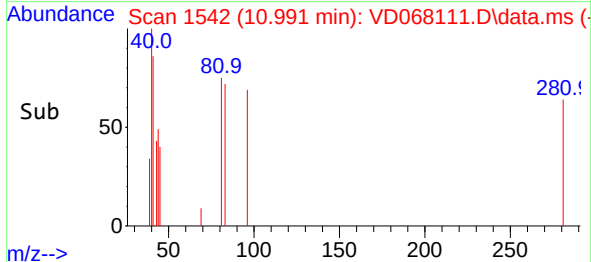
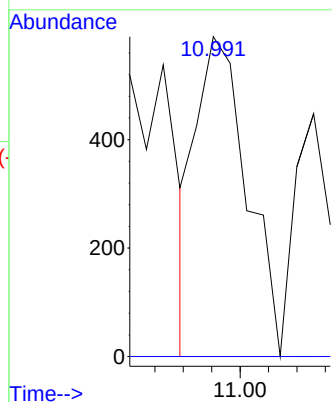
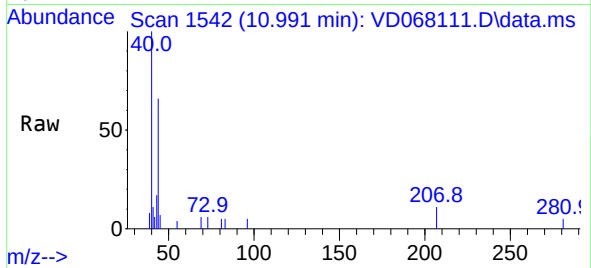




#59
2-Hexanone
Concen: 1.31 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

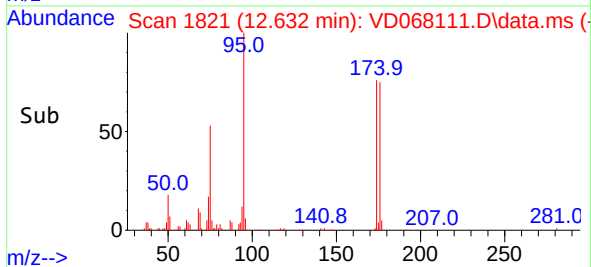
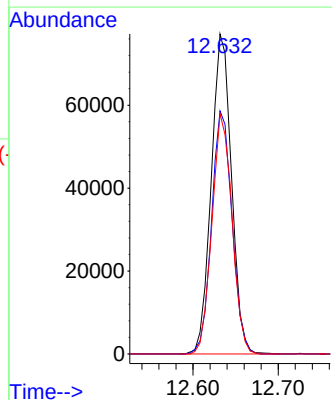
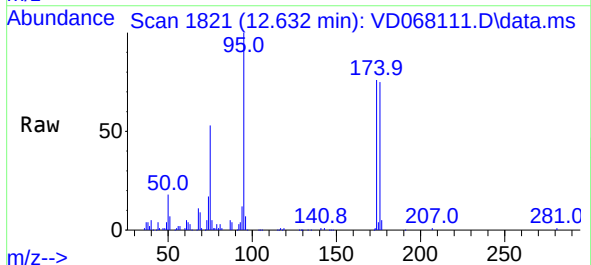
Instrument :
MSVOA_D
ClientSampleID :
BASIN-6

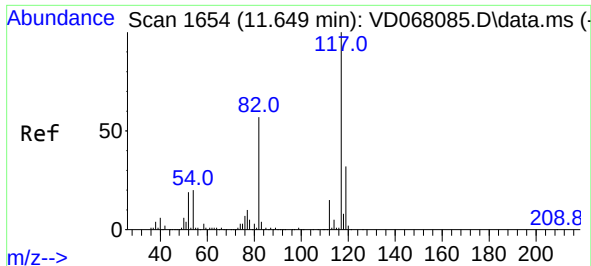
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 0.0 31.0 93.0#



#62
4-Bromofluorobenzene
Concen: 68.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 95 Resp: 127018
Ion Ratio Lower Upper
95 100
174 76.8 0.0 172.4
176 74.4 0.0 168.4

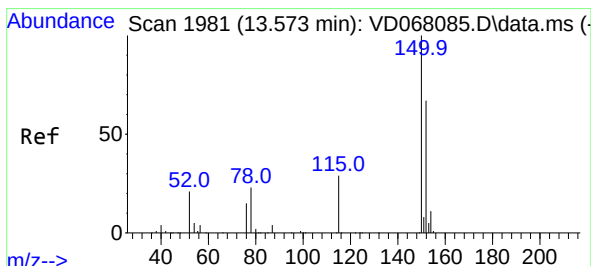
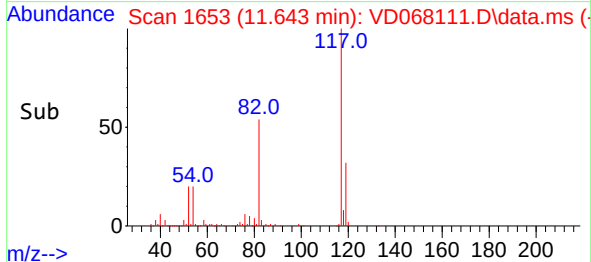
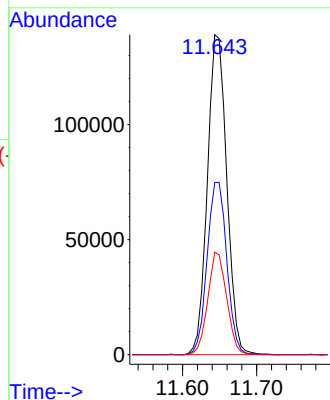
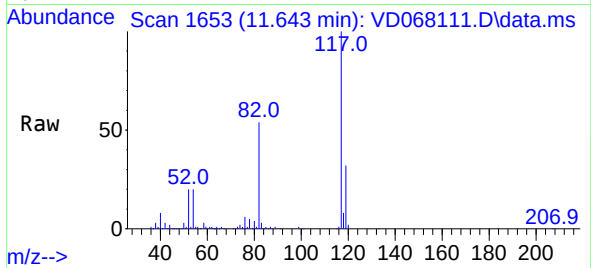




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

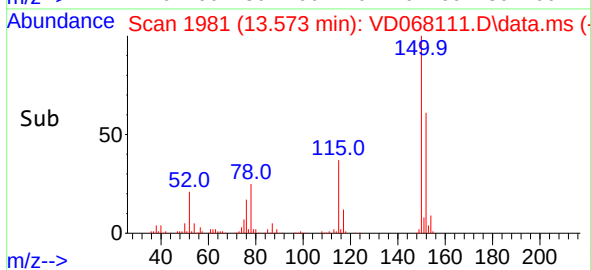
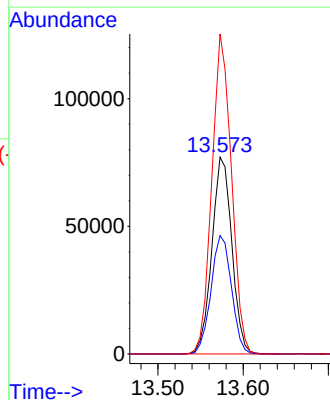
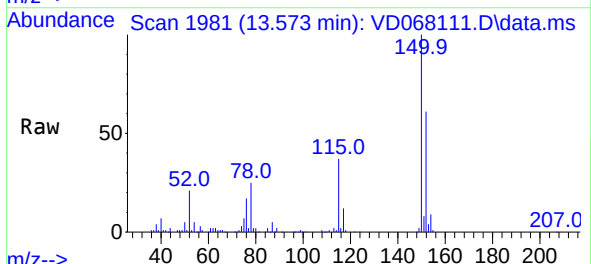
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

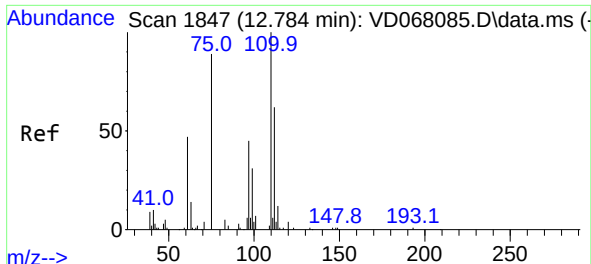
Tgt Ion:	117	Resp:	252624
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.4	62.0
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion:	152	Resp:	125860
Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.9	86.8
150	159.0	0.0	344.4

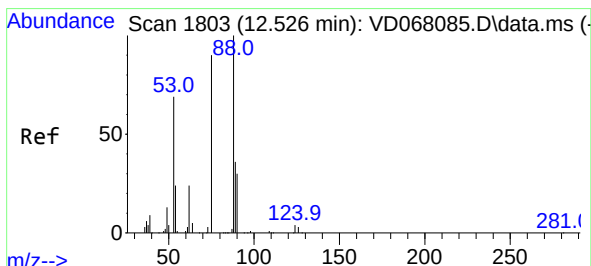
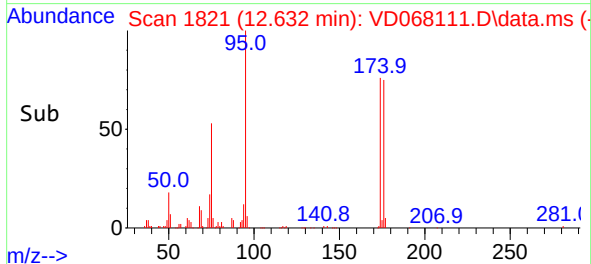
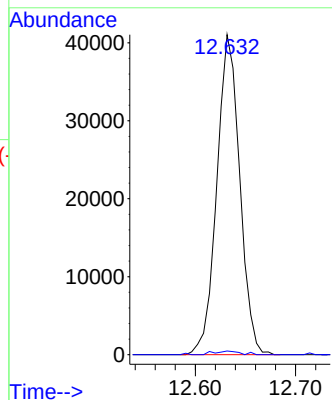
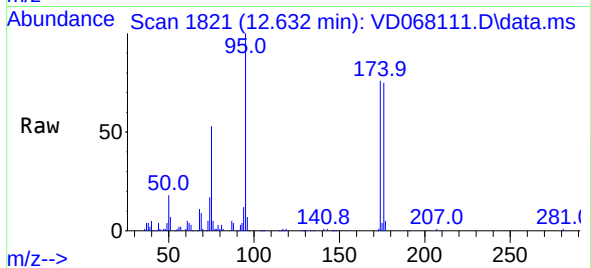




#76
1,2,3-Trichloropropane
Concen: 53.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

Tgt Ion: 75 Resp: 65053
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068111.D
Acq: 20 Jan 2021 14:24

Tgt Ion: 75 Resp: 65053
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

