

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065286.D
 Acq On : 28 Dec 2020 15:16
 Operator : JC/MD
 Sample : L5218-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 29 02:21:57 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	228817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	381506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	395058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156652	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	133218	51.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.14%
35) Dibromofluoromethane	7.553	113	116902	50.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.58%
50) Toluene-d8	10.061	98	468729	54.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.68%
62) 4-Bromofluorobenzene	12.376	95	180496	52.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.22%

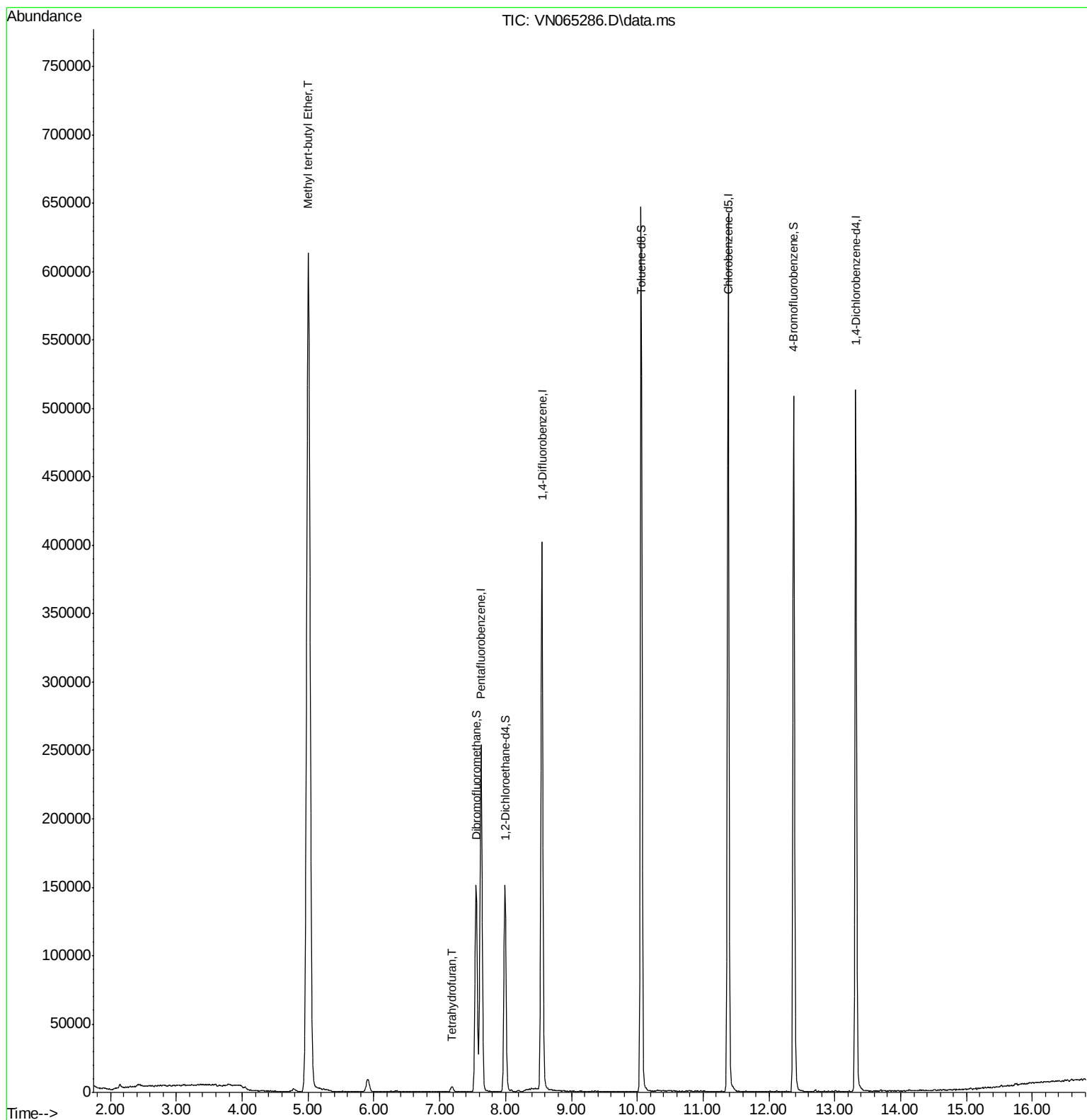
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.004	73	1118917	156.75	ug/l	99
29) Tetrahydrofuran	7.184	42	3398	3.62	ug/l #	74

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

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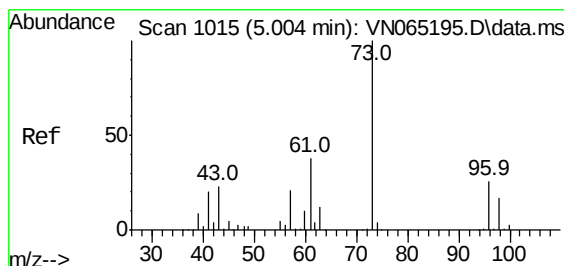
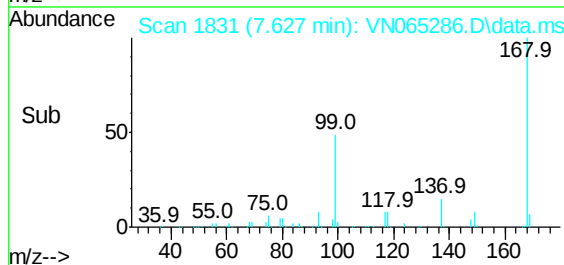
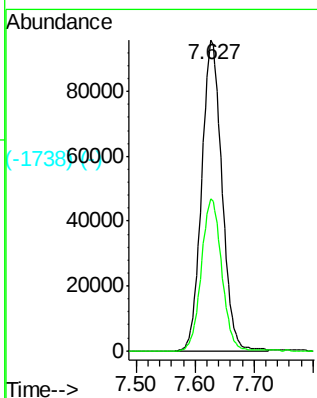
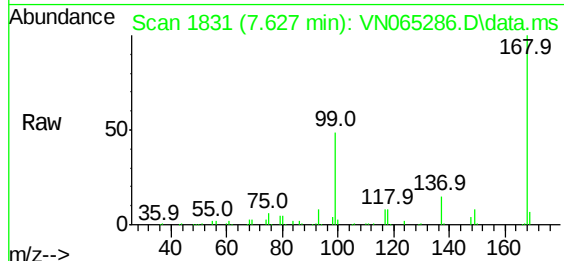




(-112) (-)
 Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065286.D
 Acq: 28 Dec 2020 15:16

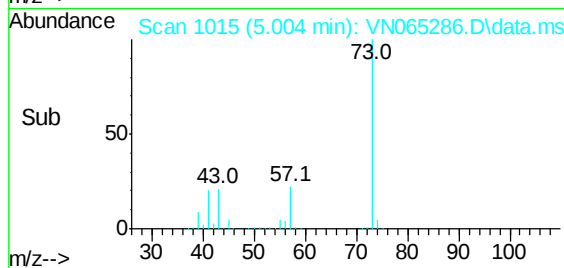
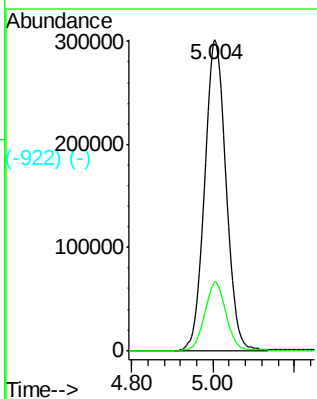
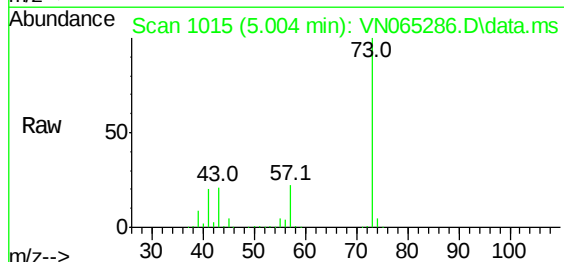
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

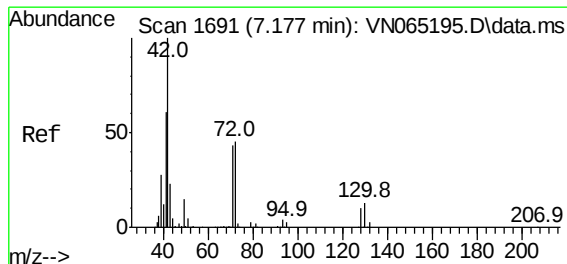
Tgt Ion:168 Resp: 228817
 Ion Ratio Lower Upper
 168 100
 99 48.8 43.0 64.4



(-916) (-)
 Methyl tert-butyl Ether
 Concen: 156.75 ug/l
 RT: 5.004 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VN065286.D
 Acq: 28 Dec 2020 15:16

Tgt Ion: 73 Resp: 1118917
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.4 26.0

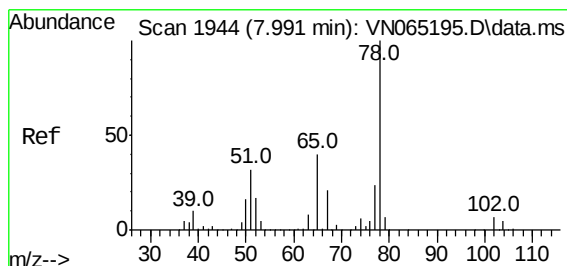
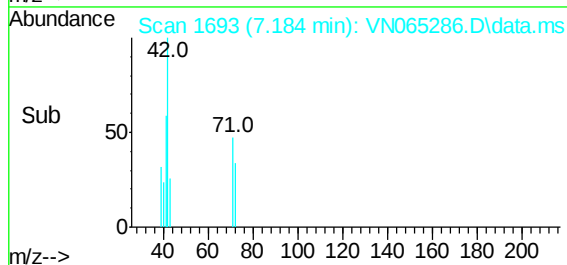
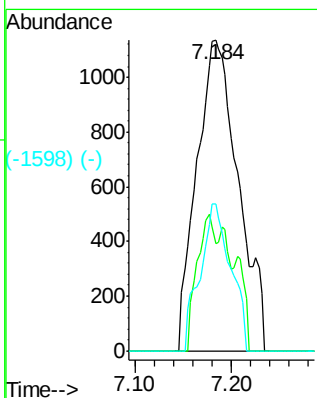
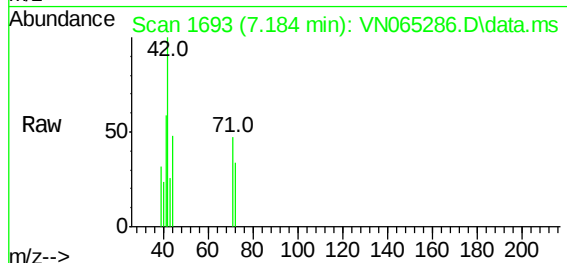




#260 (-)
Tetrahydrofuran
Concen: 3.62 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.007 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

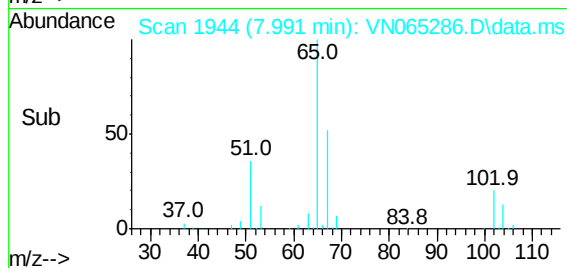
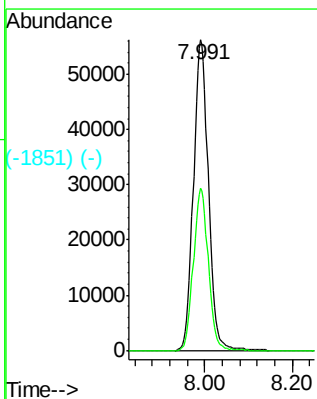
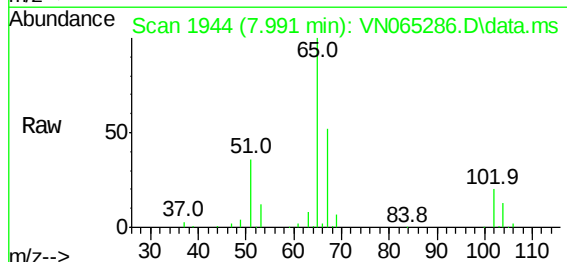
Instrument :
MSVOA_N
ClientSampled :
MW-4

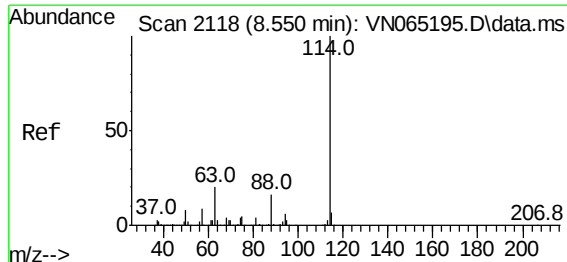
Tgt Ion: 42 Resp: 3398
Ion Ratio Lower Upper
42 100
72 19.0 36.6 54.8#
71 35.0 33.6 50.4



#326 (-)
1,2-Dichloroethane-d4
Concen: 51.57 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion: 65 Resp: 133218
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2

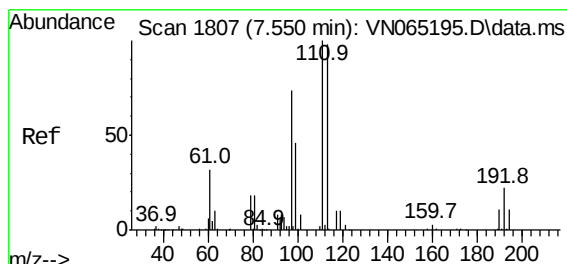
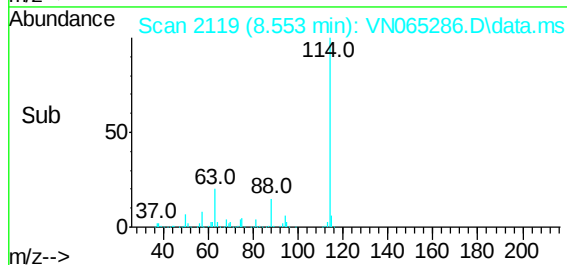
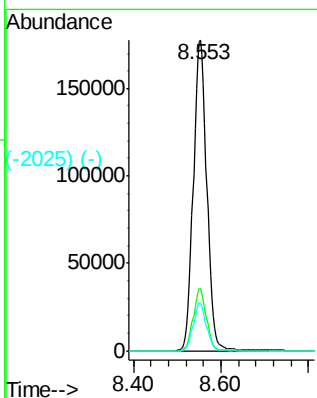
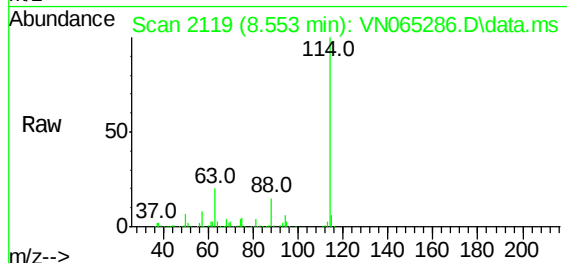




#241 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

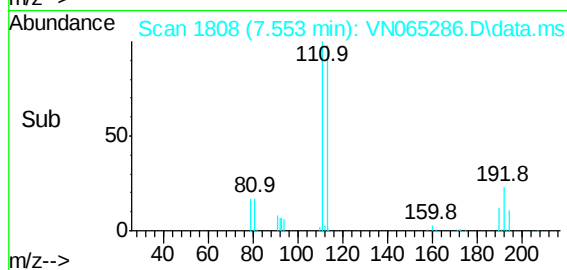
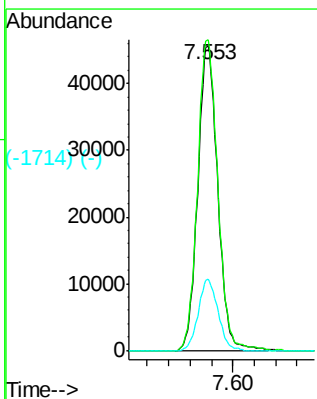
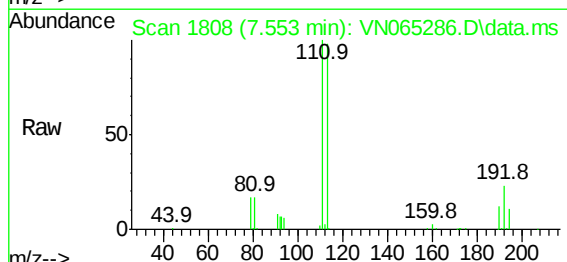
Instrument :
MSVOA_N
ClientSampleId :
MW-4

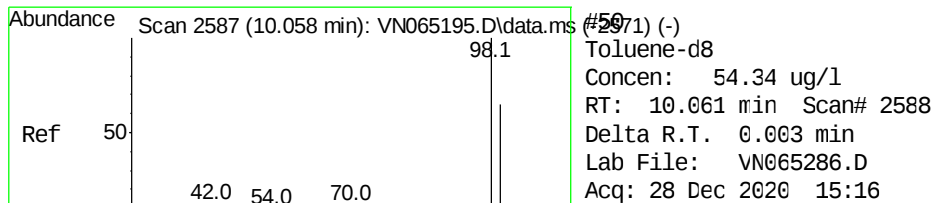
Tgt Ion:	114	Resp:	381506
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	38.6
88	15.2	0.0	32.6



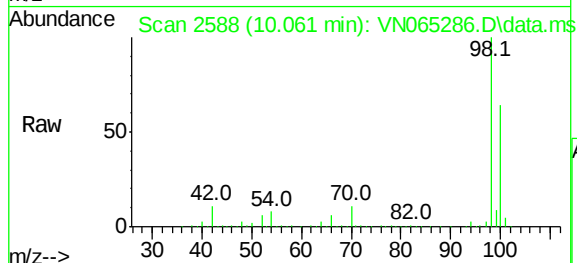
#258 (-)
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion:	113	Resp:	116902
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	23.0	16.2	24.2



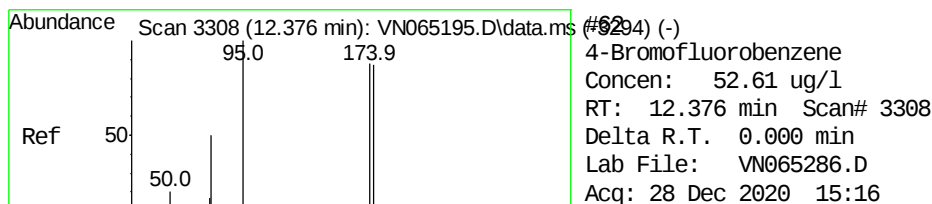
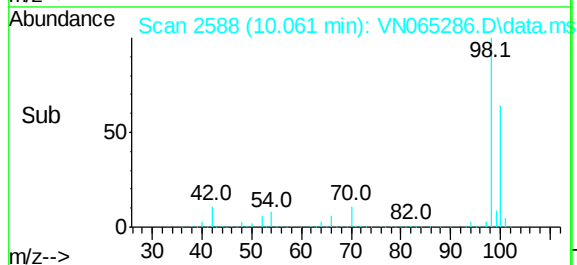
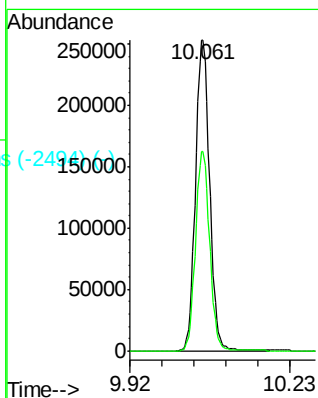


Instrument :
MSVOA_N
ClientSampleId :
MW-4



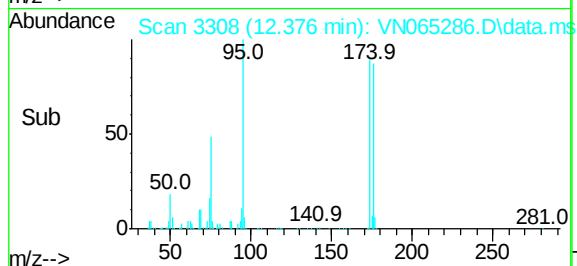
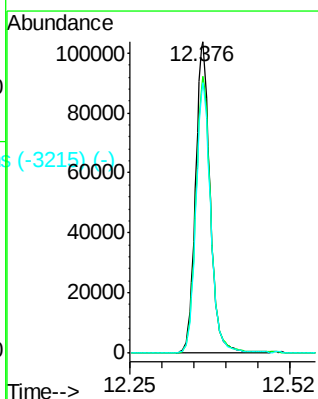
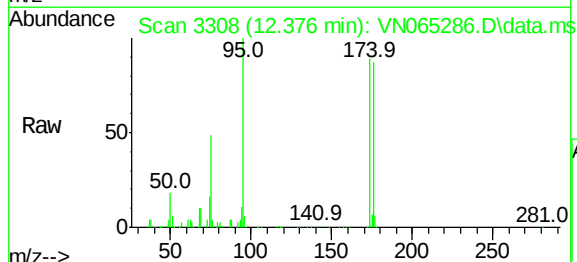
Tgt Ion: 98 Resp: 468729

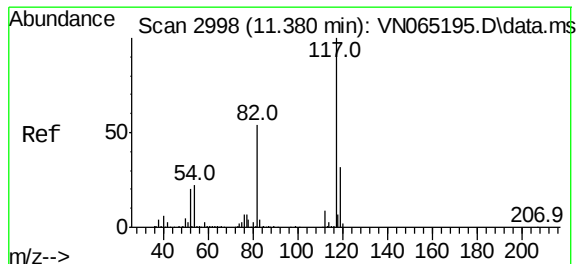
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



Tgt Ion: 95 Resp: 180496

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	160.4
176	88.2	0.0	158.4

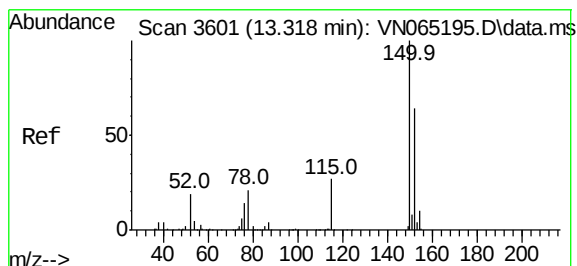
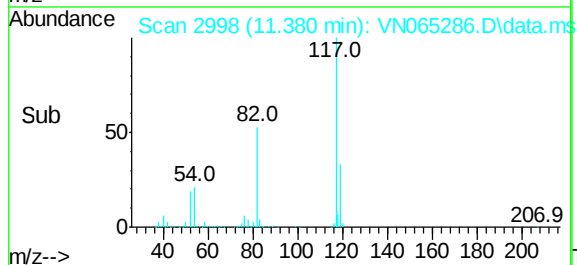
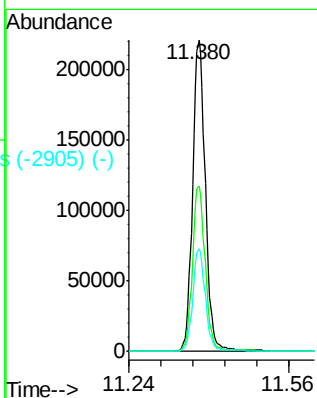
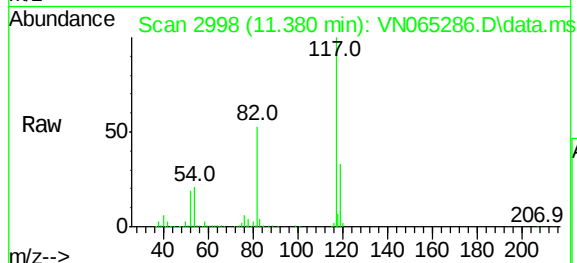




#2983 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

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ClientSampled :
MW-4

Tgt Ion:117 Resp: 395058
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.9 25.8 38.6



#3607 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065286.D
Acq: 28 Dec 2020 15:16

Tgt Ion:152 Resp: 156652
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 157.3 0.0 350.6

