

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065285.D
 Acq On : 28 Dec 2020 14:51
 Operator : JC/MD
 Sample : L5218-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Dec 29 02:21:41 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	245527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	406575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	425225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	174414	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	139457	50.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.62%
35) Dibromofluoromethane	7.553	113	125103	51.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.00%
50) Toluene-d8	10.061	98	502722	54.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.36%
62) 4-Bromofluorobenzene	12.376	95	196323	53.59	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.18%

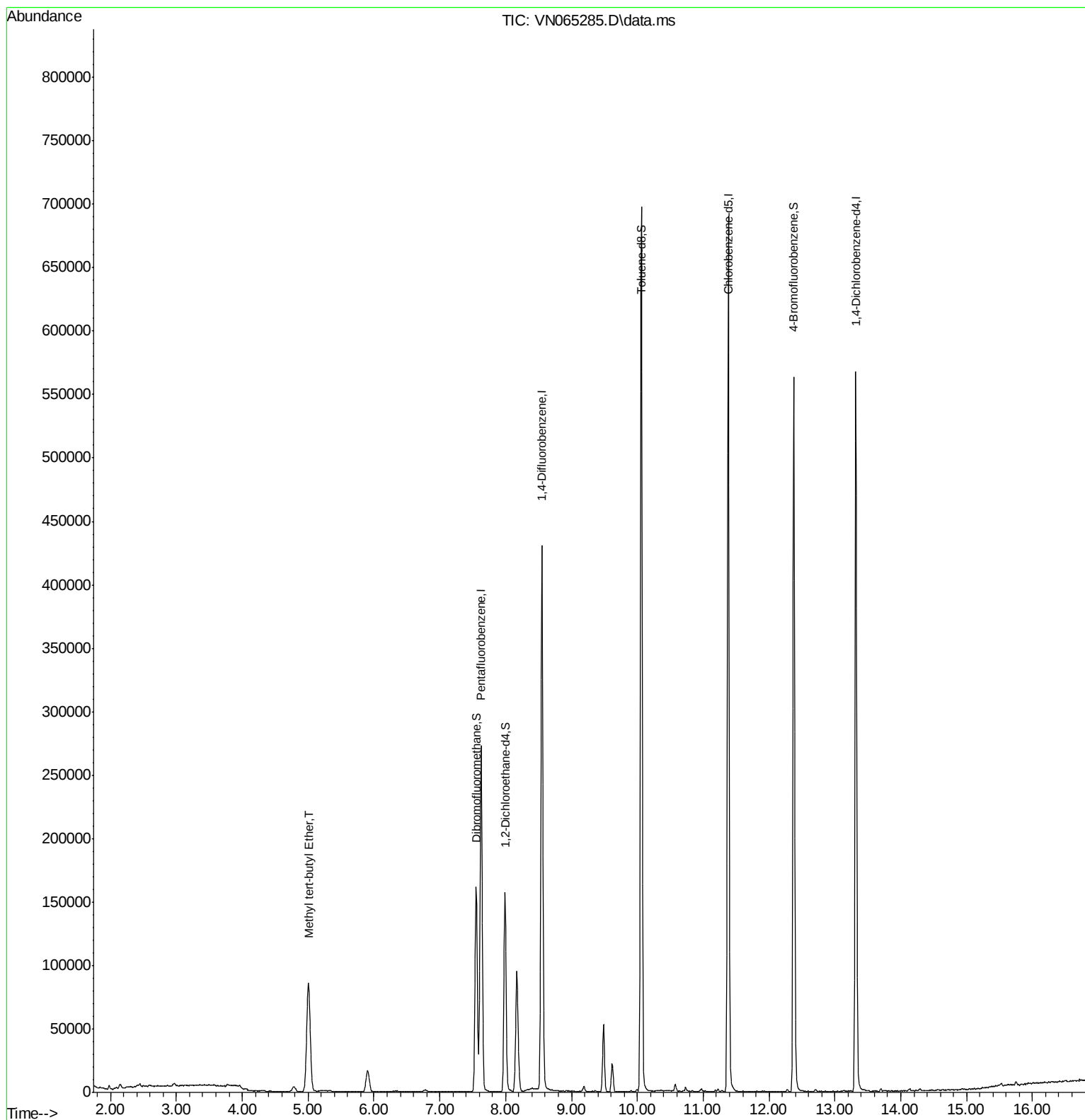
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.007	73	157712	20.59	ug/l	99

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

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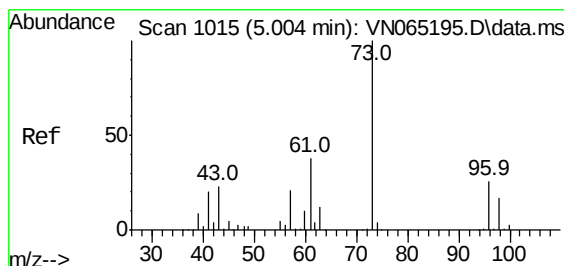
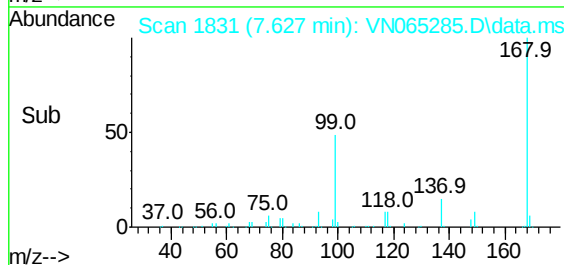
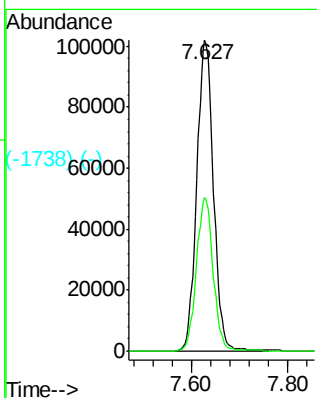
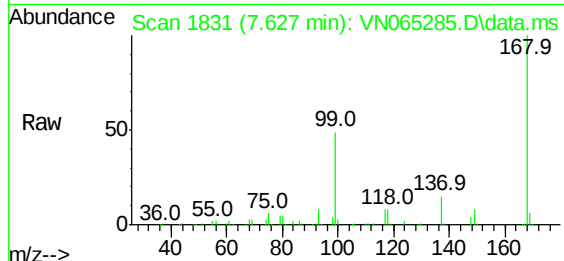




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

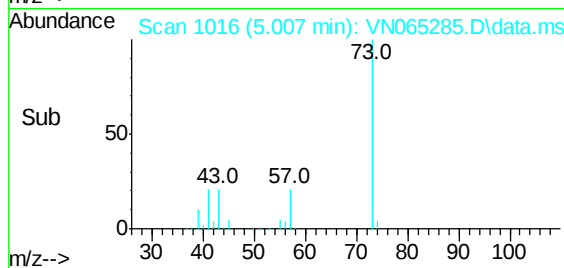
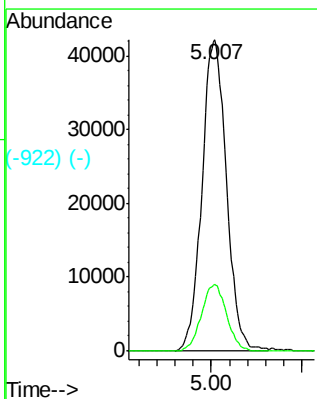
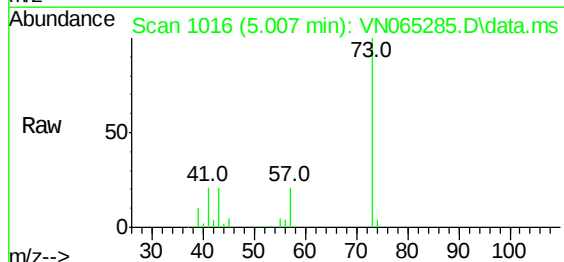
Instrument :
MSVOA_N
ClientSampled :
MW-6

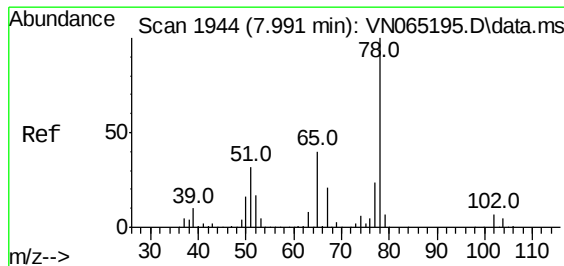
Tgt Ion:168 Resp: 245527
Ion Ratio Lower Upper
168 100
99 49.4 43.0 64.4



Methyl tert-butyl Ether
Concen: 20.59 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

Tgt Ion: 73 Resp: 157712
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0

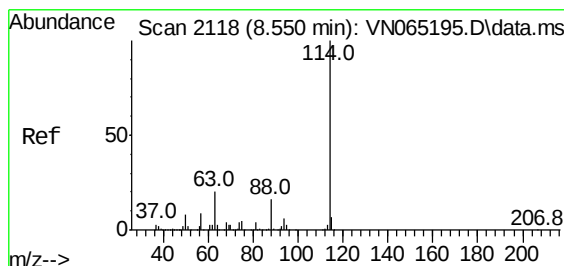
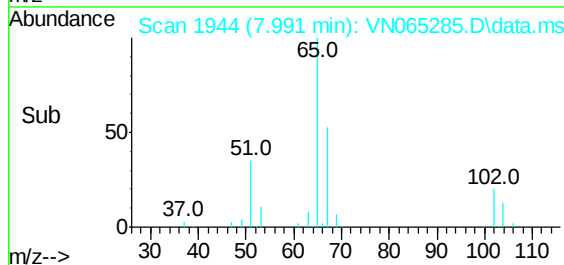
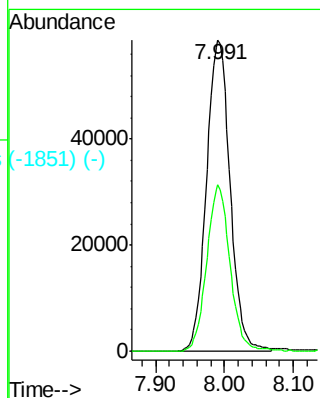
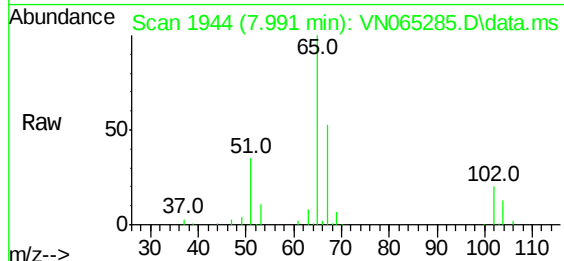




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065285.D
 Acq: 28 Dec 2020 14:51

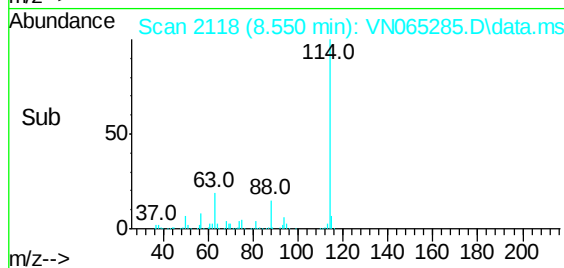
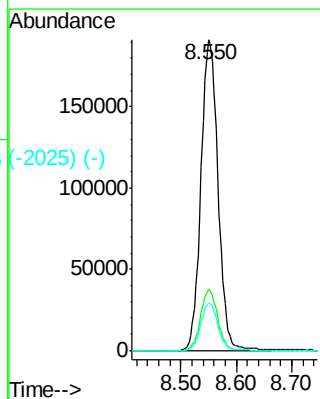
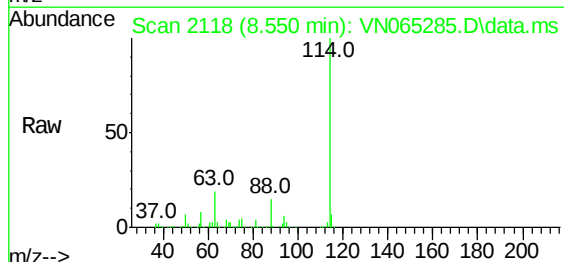
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

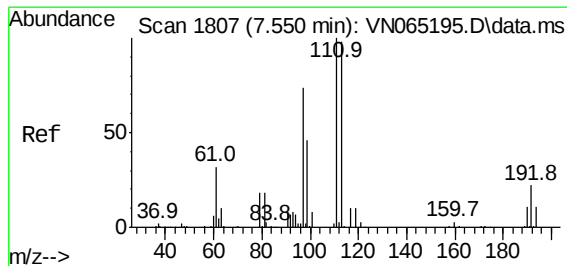
Tgt Ion: 65 Resp: 139457
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065285.D
 Acq: 28 Dec 2020 14:51

Tgt Ion:114 Resp: 406575
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.3 0.0 32.6

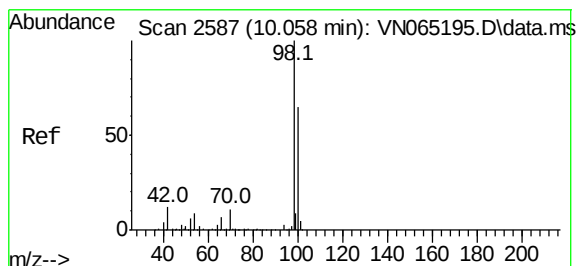
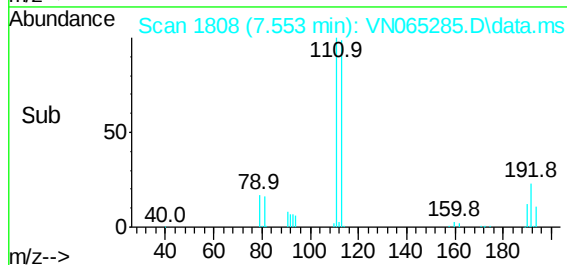
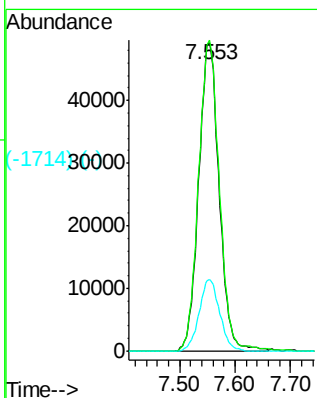
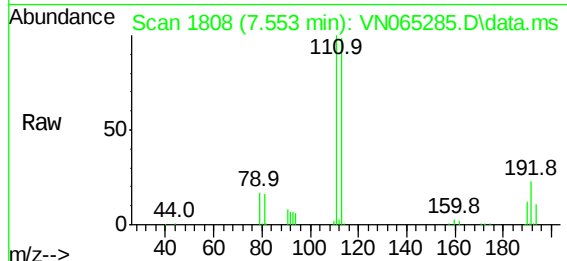




#358 (-)
Dibromofluoromethane
Concen: 51.00 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

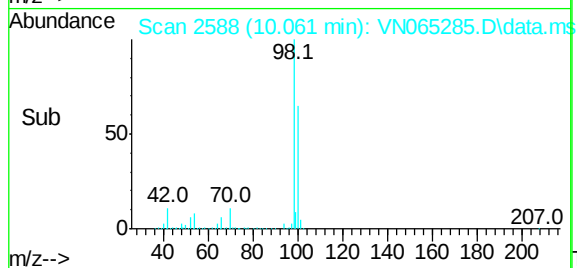
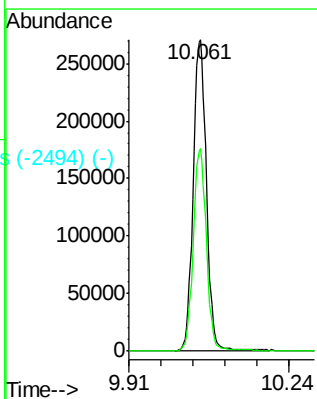
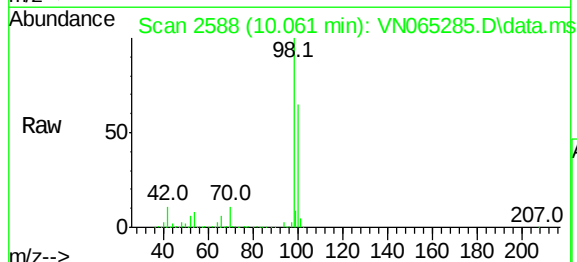
Instrument :
MSVOA_N
ClientSampleId :
MW-6

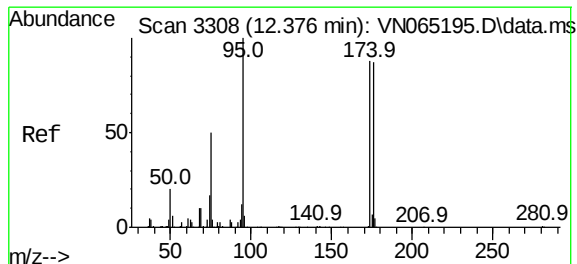
Tgt Ion:113 Resp: 125103
Ion Ratio Lower Upper
113 100
111 101.2 81.6 122.4
192 23.1 16.2 24.2



#5971 (-)
Toluene-d8
Concen: 54.68 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

Tgt Ion: 98 Resp: 502722
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

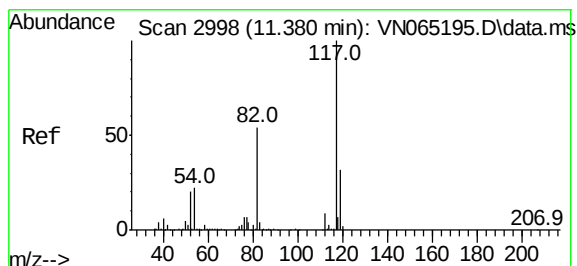
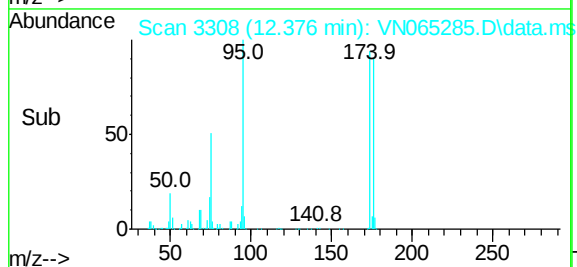
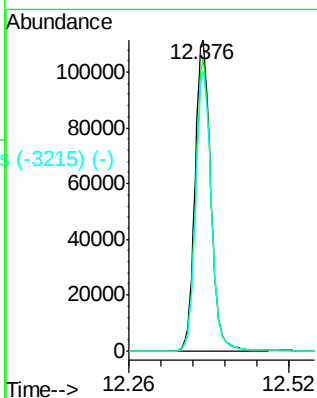
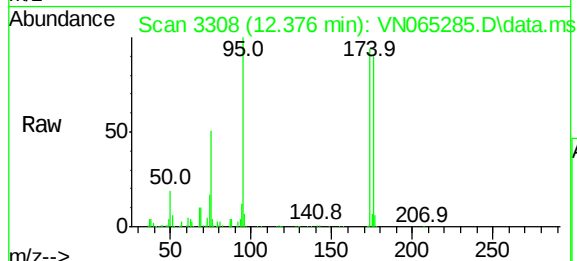




#6294 (-)
4-Bromofluorobenzene
Concen: 53.59 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

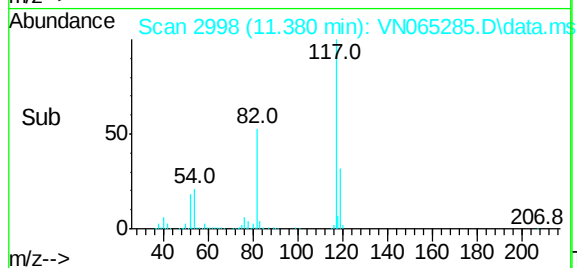
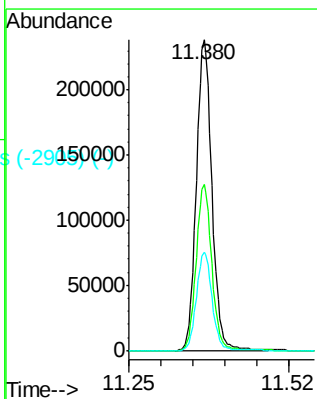
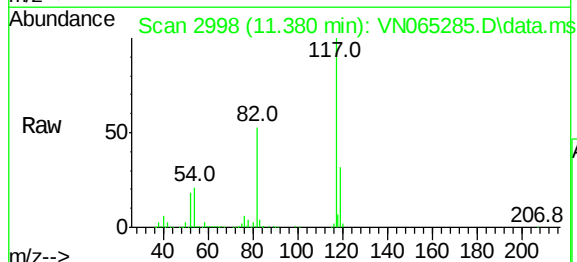
Instrument :
MSVOA_N
ClientSampleId :
MW-6

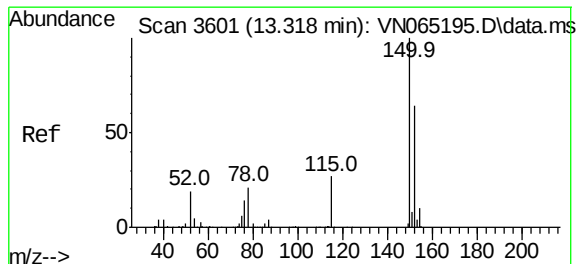
Tgt Ion:	95	Resp:	196323
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	160.4
176	89.5	0.0	158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065285.D
Acq: 28 Dec 2020 14:51

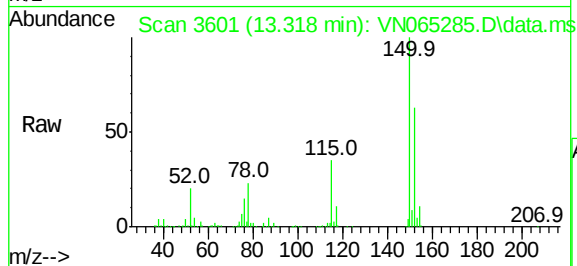
Tgt Ion:	117	Resp:	425225
Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.2	66.2
119	31.8	25.8	38.6





#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065285.D
 Acq: 28 Dec 2020 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6



Tgt Ion:152 Resp: 174414

Ion	Ratio	Lower	Upper
152	100		
115	55.2	29.7	89.1
150	156.9	0.0	350.6

