

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065284.D
 Acq On : 28 Dec 2020 14:26
 Operator : JC/MD
 Sample : L5218-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Dec 29 02:21:27 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	253778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	421780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	446086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	186618	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146136	51.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.02%
35) Dibromofluoromethane	7.553	113	129678	50.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.92%
50) Toluene-d8	10.058	98	518549	54.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.74%
62) 4-Bromofluorobenzene	12.376	95	208950	54.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.70%

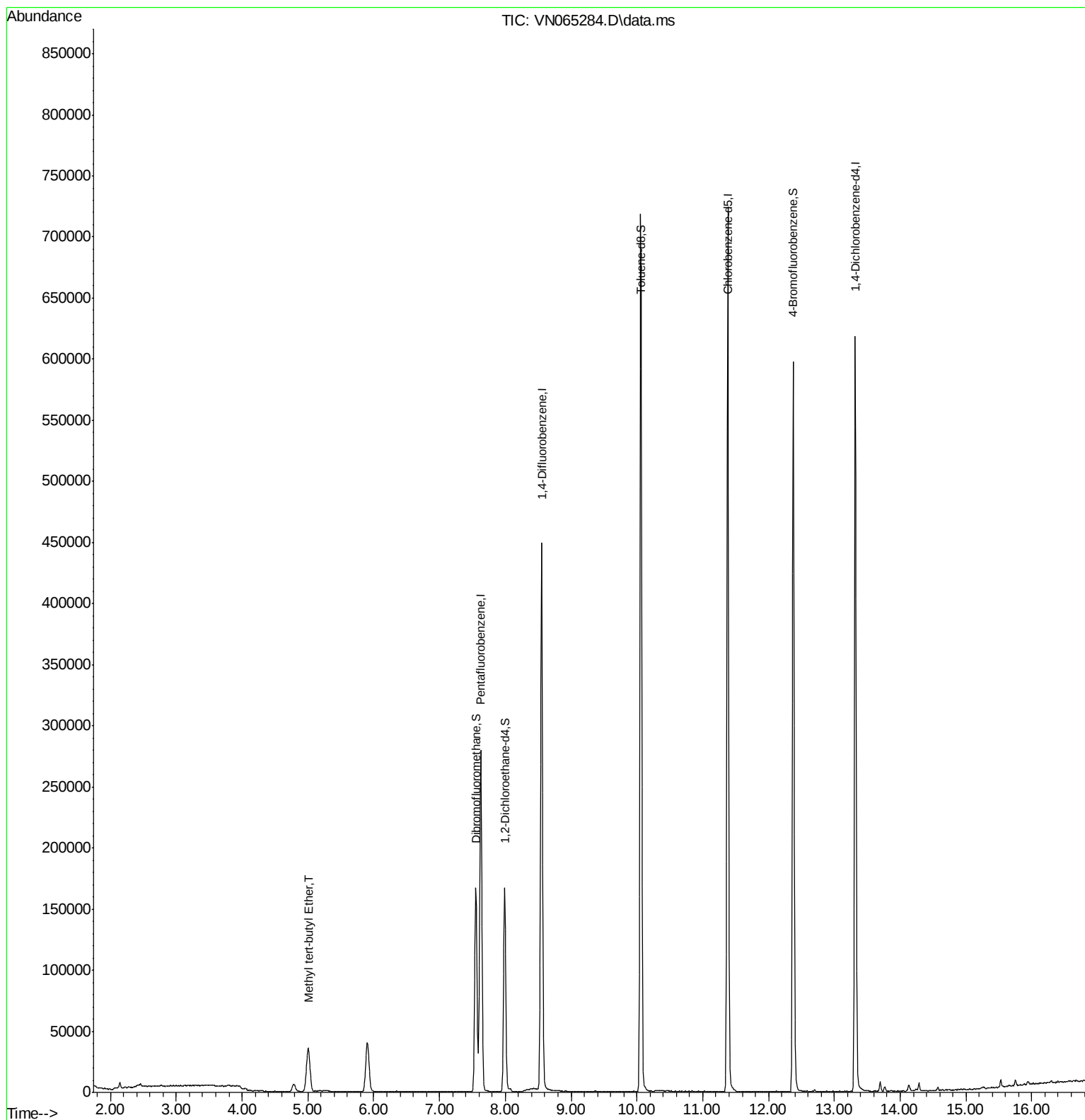
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.007	73	64992	8.21	ug/l	98

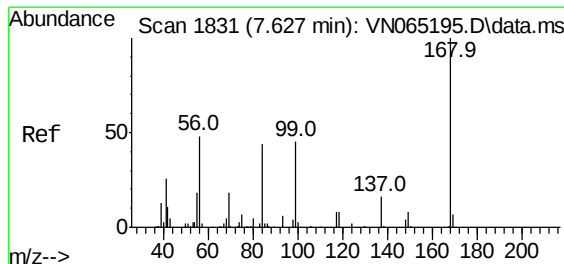
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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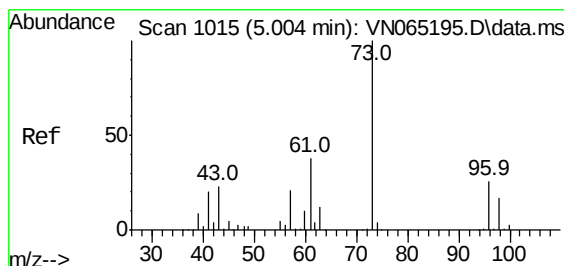
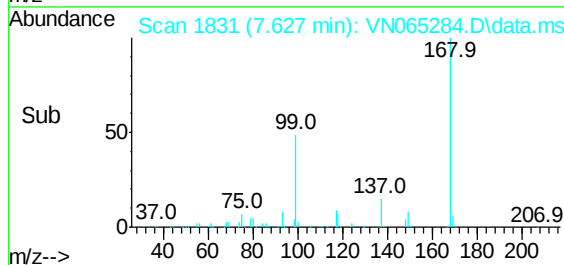
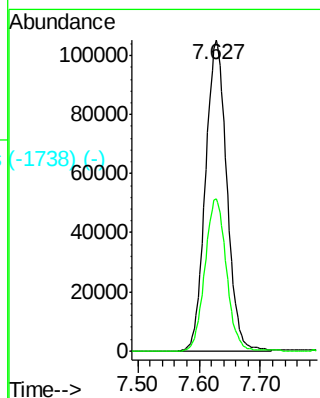
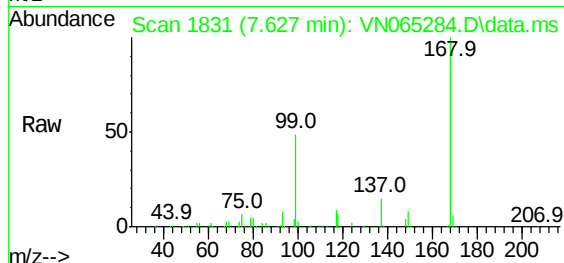




#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

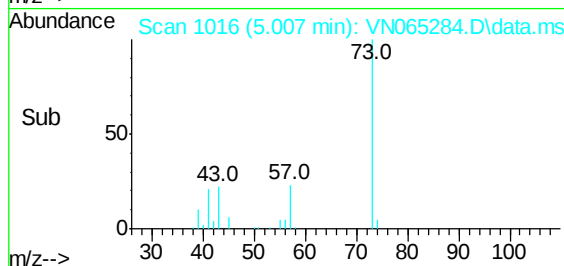
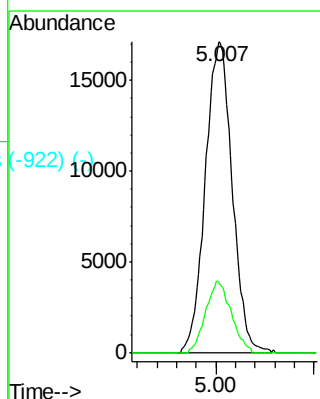
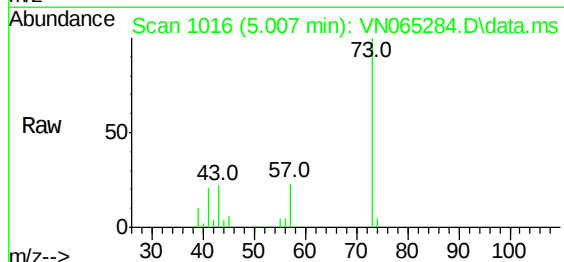
Instrument :
MSVOA_N
ClientSampled :
MW-5

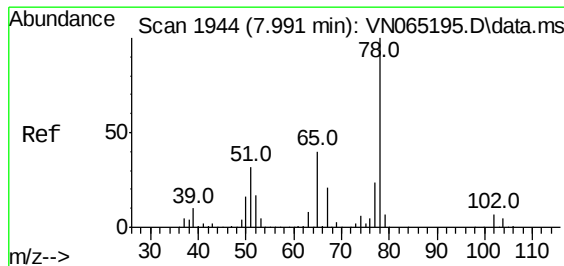
Tgt Ion:168 Resp: 253778
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.4



#16 (-)
Methyl tert-butyl Ether
Concen: 8.21 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion: 73 Resp: 64992
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

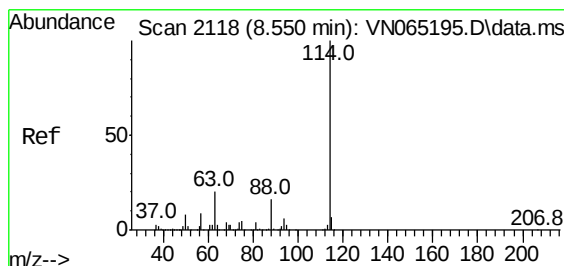
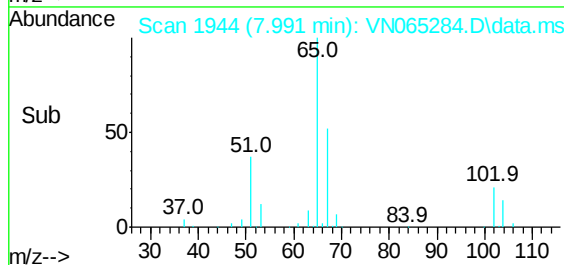
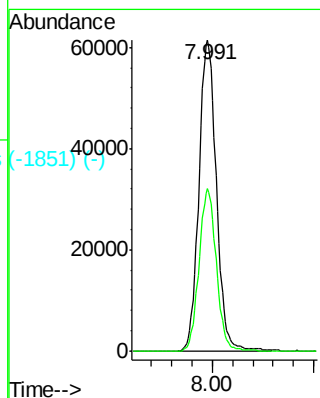
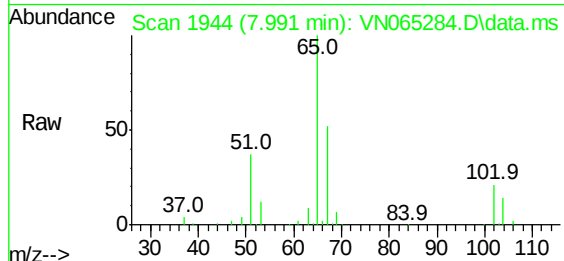




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 51.01 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

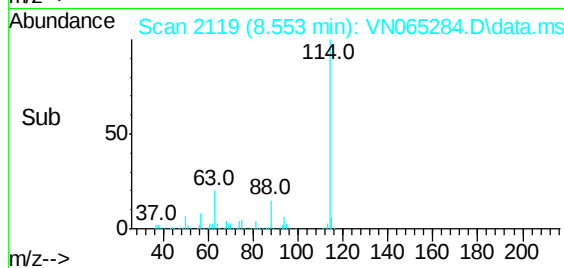
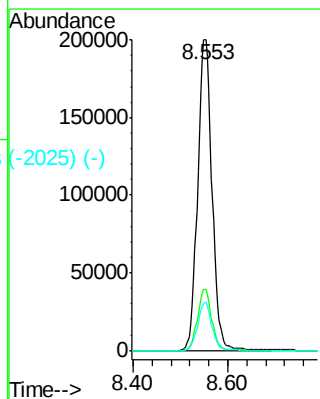
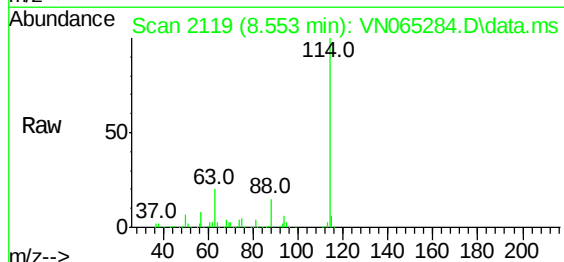
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

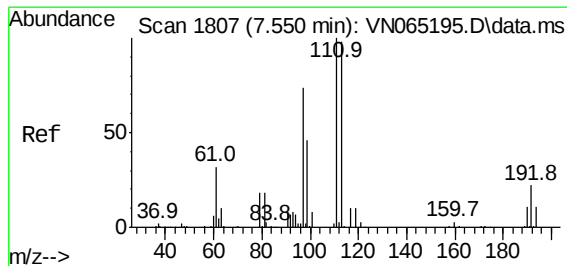
Tgt Ion: 65 Resp: 146136
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

Tgt Ion:114 Resp: 421780
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.5 0.0 32.6

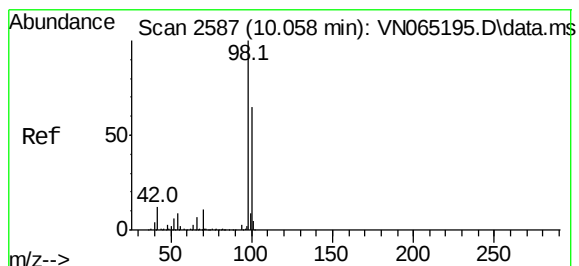
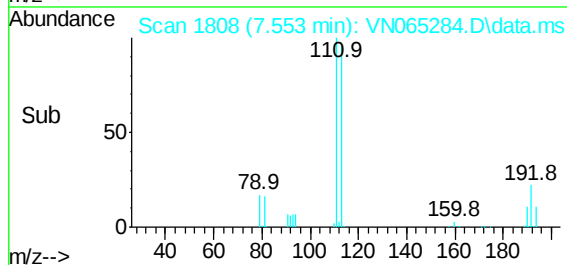
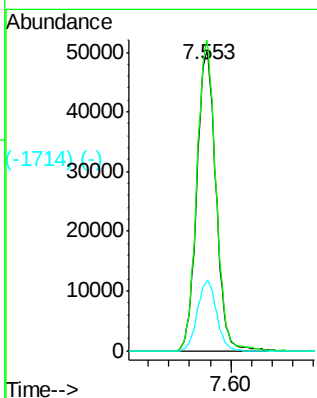
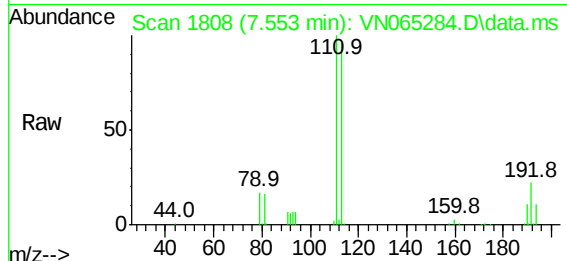




Dibromofluoromethane
Concen: 50.96 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

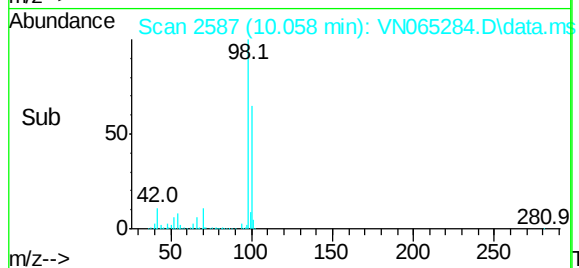
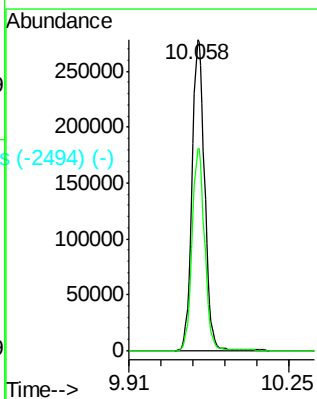
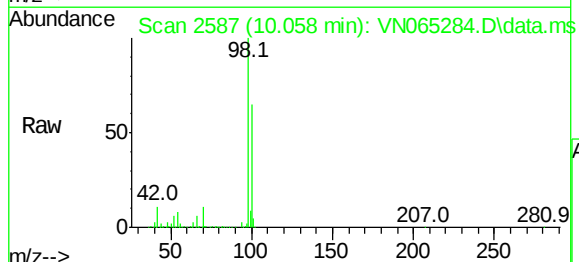
Instrument :
MSVOA_N
ClientSampleId :
MW-5

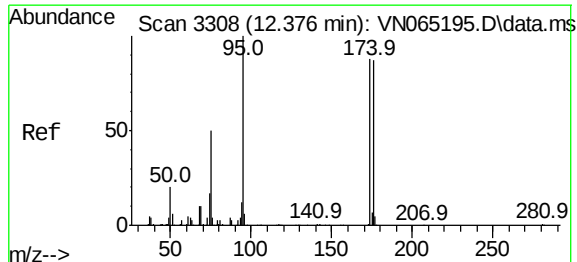
Tgt Ion:113 Resp: 129678
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 23.2 16.2 24.2



Toluene-d8
Concen: 54.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion: 98 Resp: 518549
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

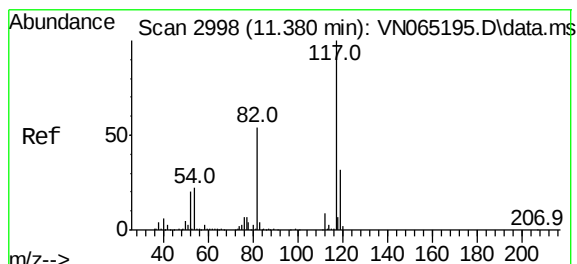
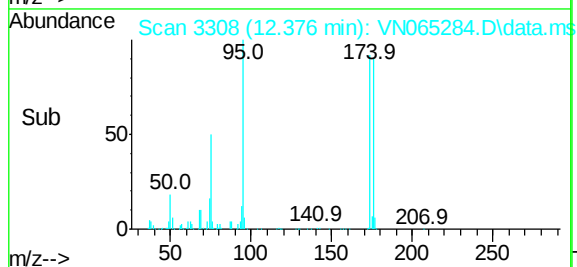
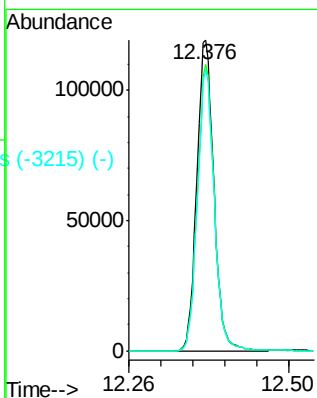
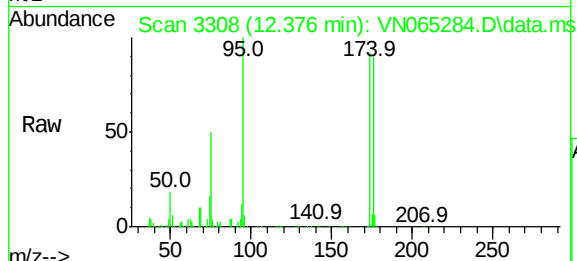




#6294 (-)
4-Bromofluorobenzene
Concen: 54.85 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

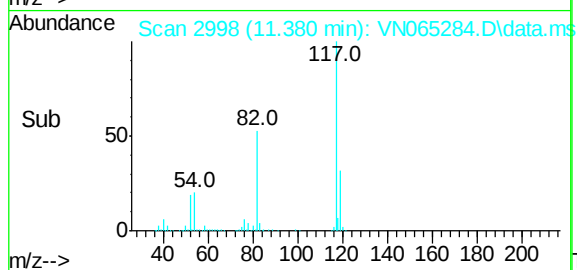
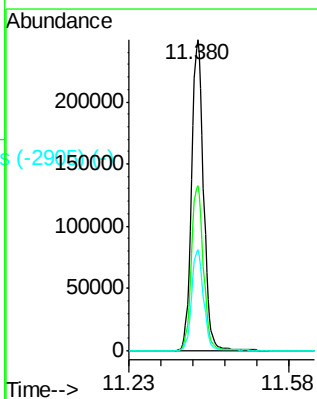
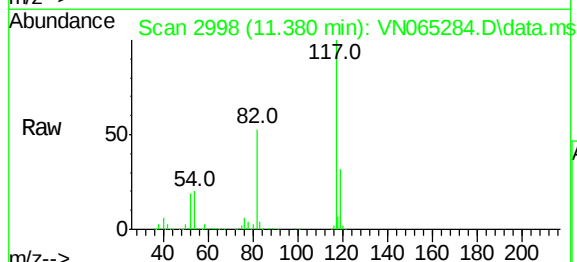
Instrument :
MSVOA_N
ClientSampleId :
MW-5

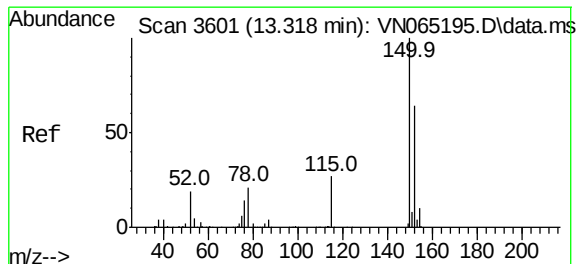
Tgt Ion:	95	Resp:	208950
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	160.4
176	89.6	0.0	158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

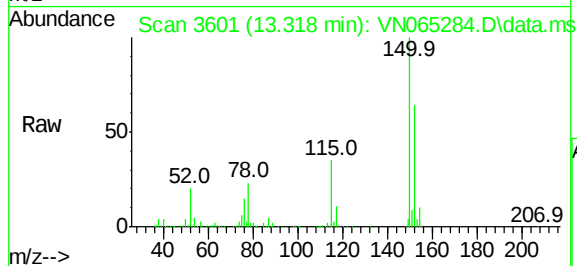
Tgt Ion:	117	Resp:	446086
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	32.3	25.8	38.6





#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5



Tgt Ion:152 Resp: 186618

Ion	Ratio	Lower	Upper
152	100		
115	54.2	29.7	89.1
150	156.2	0.0	350.6

