

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065290.D
 Acq On : 28 Dec 2020 16:55
 Operator : JC/MD
 Sample : L5218-05DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Dec 29 02:23:20 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	228645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	378359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	391898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	163723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	133614	51.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.52%
35) Dibromofluoromethane	7.553	113	117243	51.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.72%
50) Toluene-d8	10.061	98	466000	54.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.94%
62) 4-Bromofluorobenzene	12.376	95	182057	53.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.84%

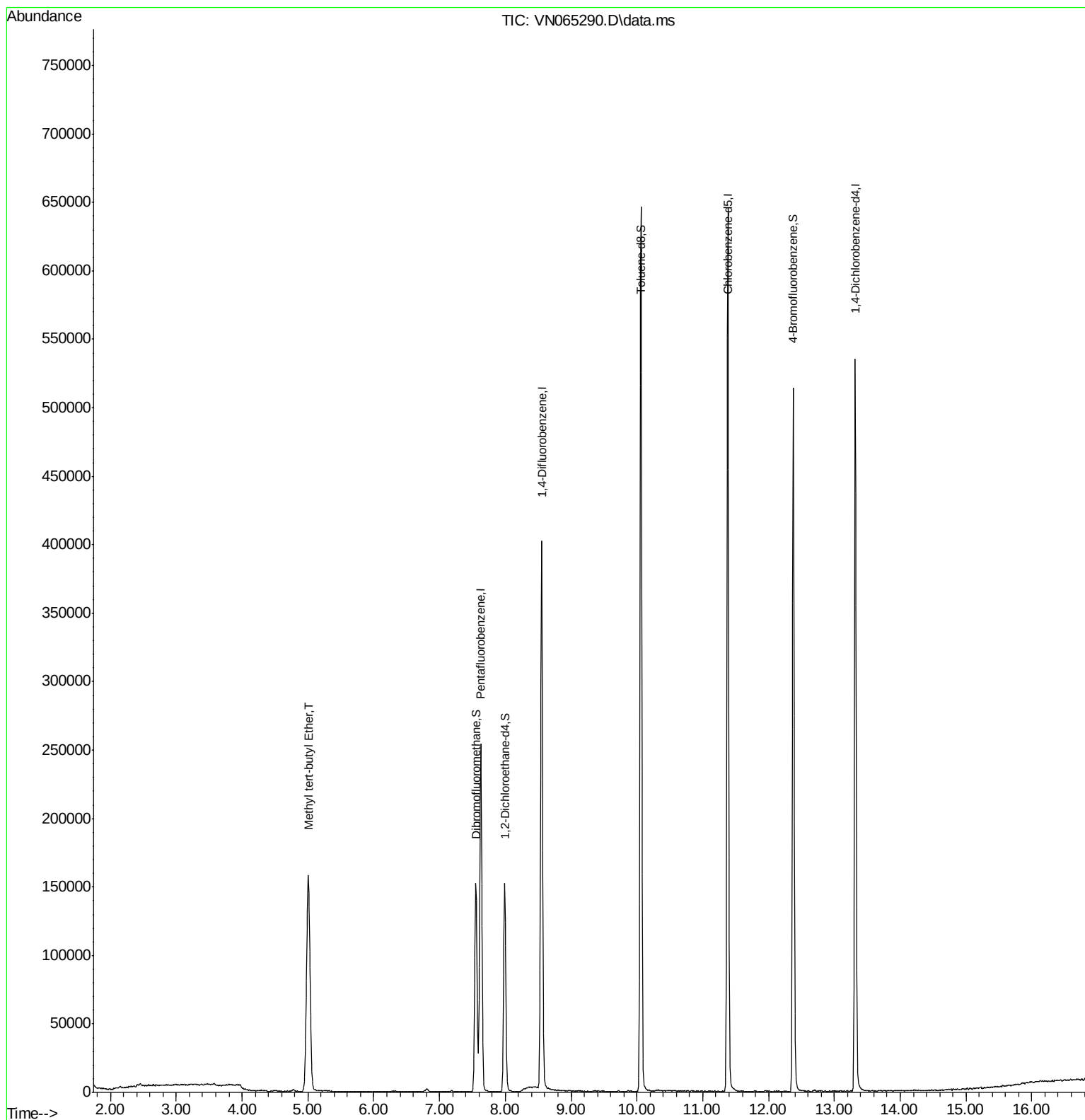
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.007	73	287801	40.35	ug/l	100

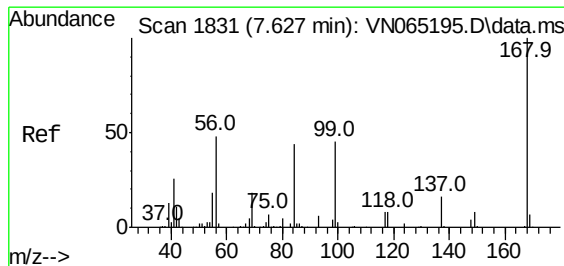
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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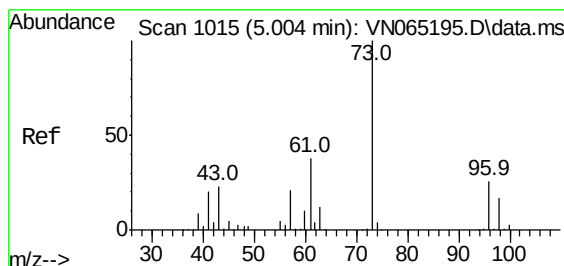
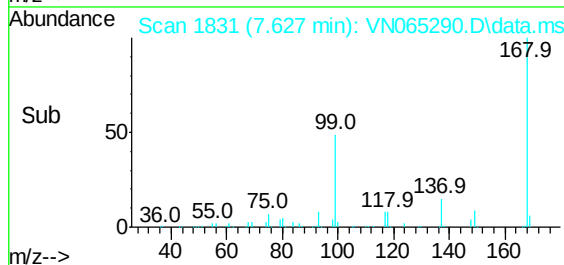
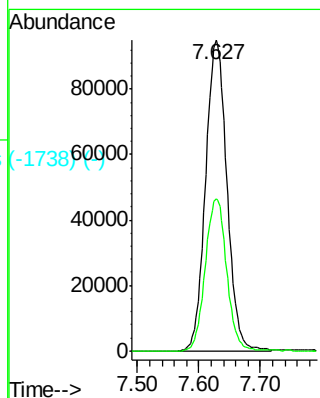
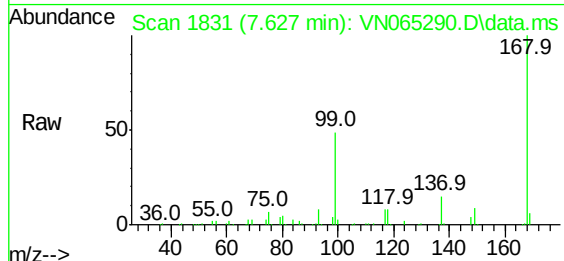




(-112) (-)
 Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065290.D
 Acq: 28 Dec 2020 16:55

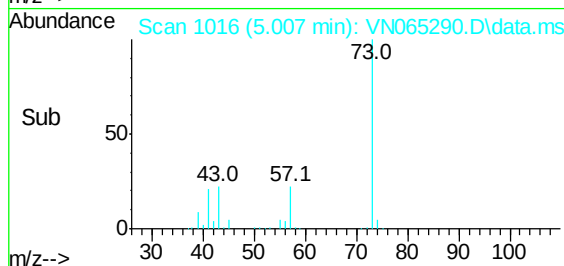
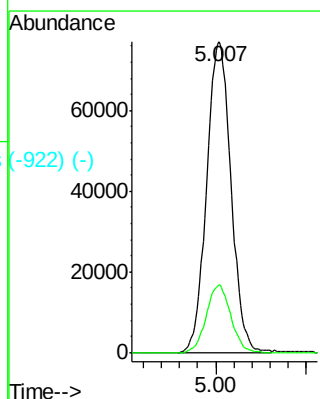
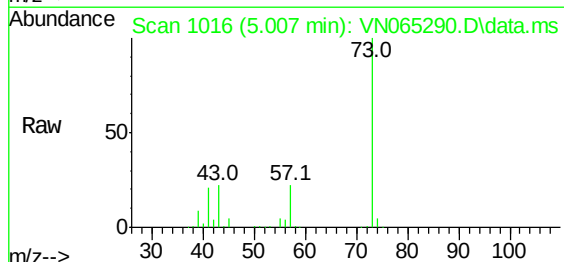
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4DL

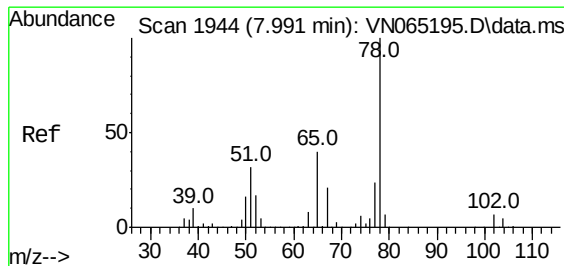
Tgt Ion:168 Resp: 228645
 Ion Ratio Lower Upper
 168 100
 99 49.1 43.0 64.4



(-916) (-)
 Methyl tert-butyl Ether
 Concen: 40.35 ug/l
 RT: 5.007 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VN065290.D
 Acq: 28 Dec 2020 16:55

Tgt Ion: 73 Resp: 287801
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.0

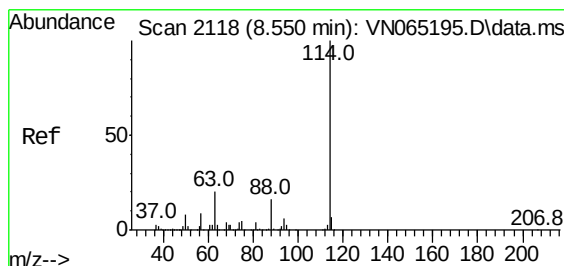
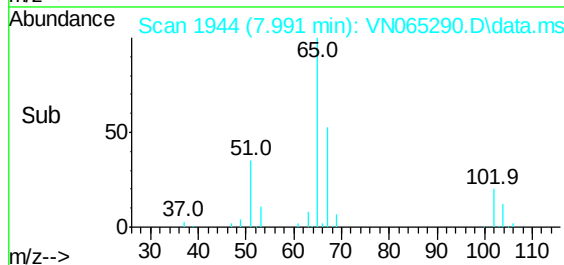
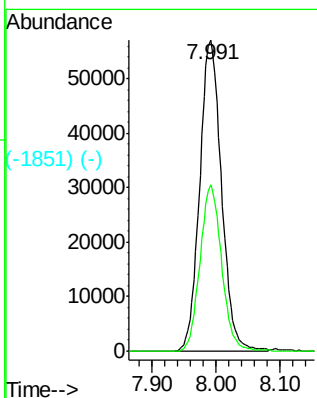
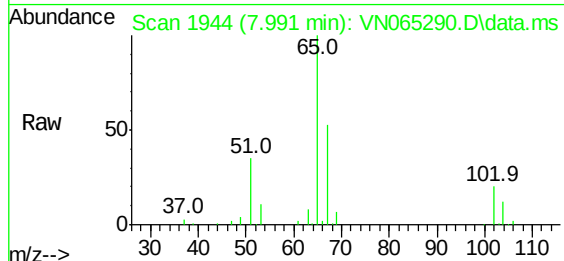




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 51.76 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065290.D
 Acq: 28 Dec 2020 16:55

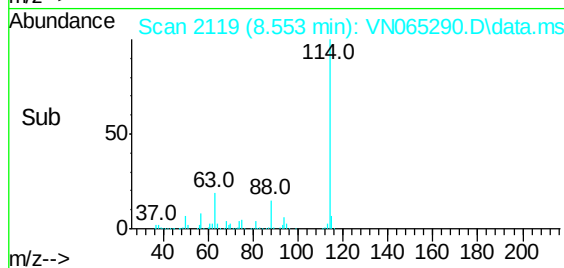
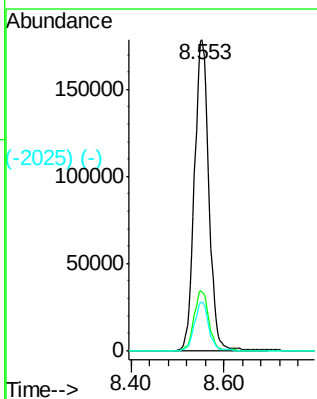
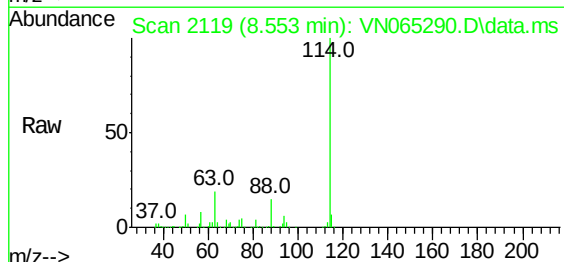
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

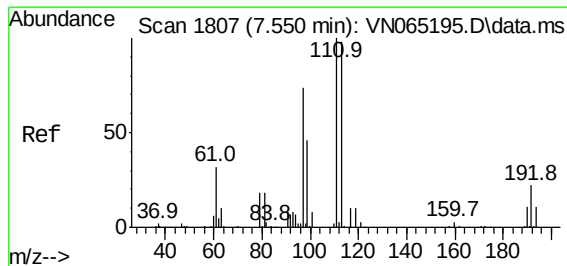
Tgt Ion: 65 Resp: 133614
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VN065290.D
 Acq: 28 Dec 2020 16:55

Tgt Ion:114 Resp: 378359
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.5 0.0 32.6

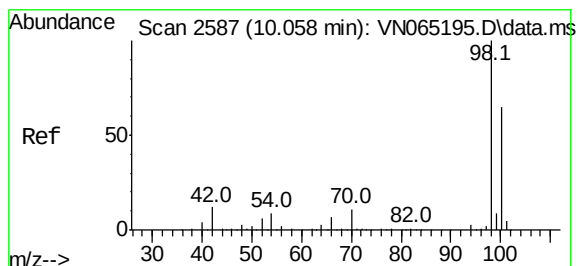
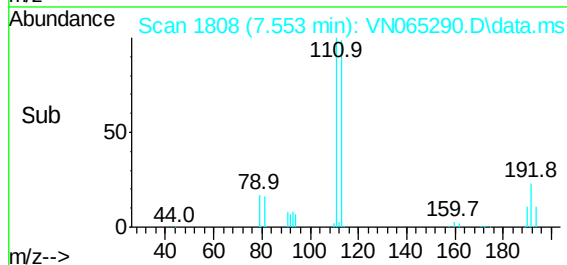
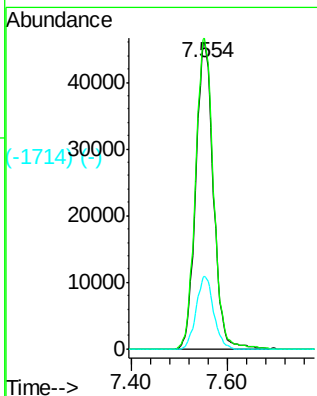
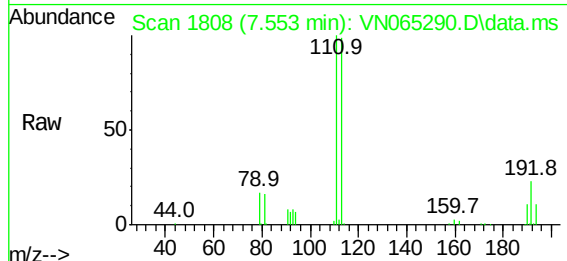




#358 (-)
Dibromofluoromethane
Concen: 51.36 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065290.D
Acq: 28 Dec 2020 16:55

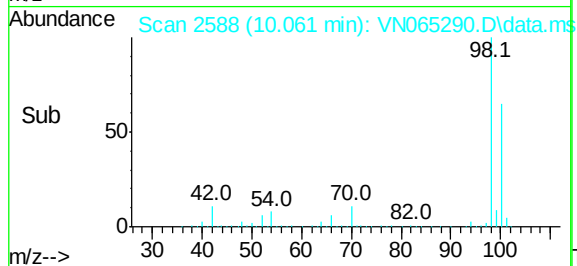
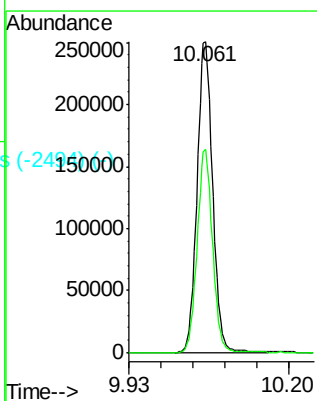
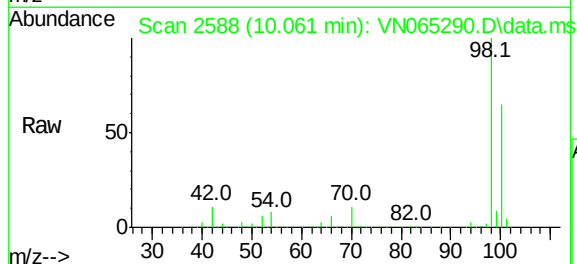
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

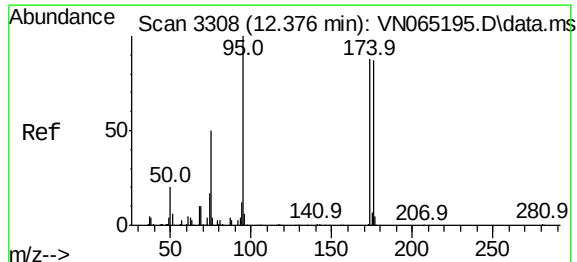
Tgt Ion:113 Resp: 117243
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 23.2 16.2 24.2



#5071 (-)
Toluene-d8
Concen: 54.47 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065290.D
Acq: 28 Dec 2020 16:55

Tgt Ion: 98 Resp: 466000
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

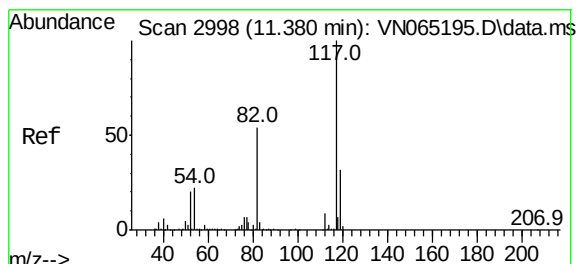
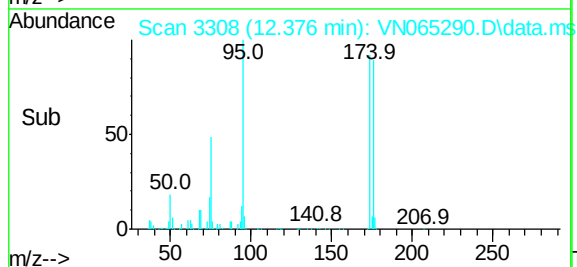
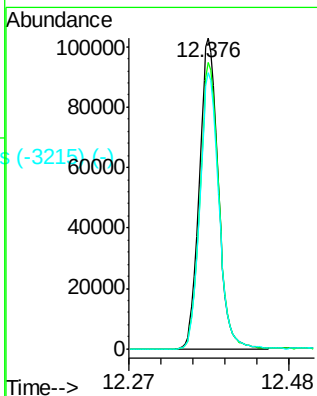
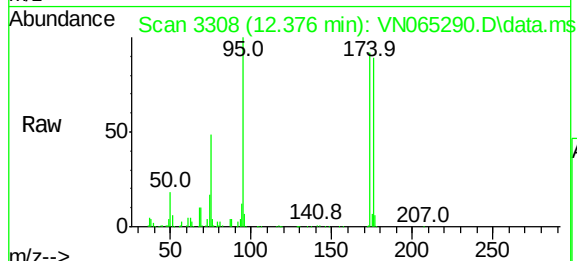




#6294 (-)
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065290.D
Acq: 28 Dec 2020 16:55

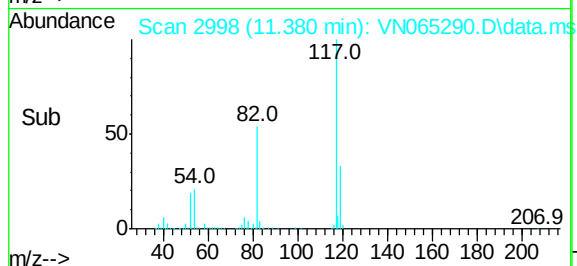
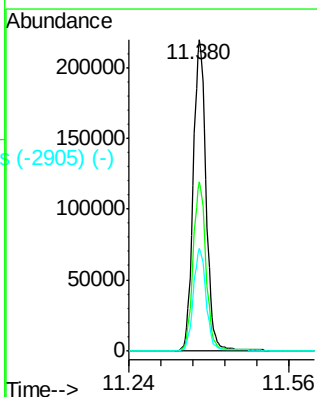
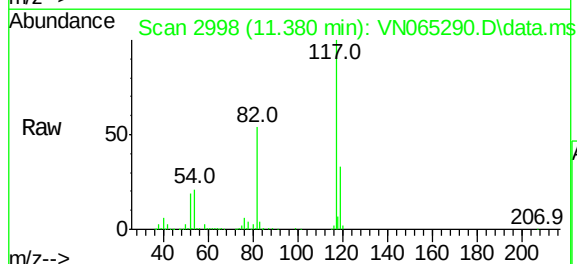
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

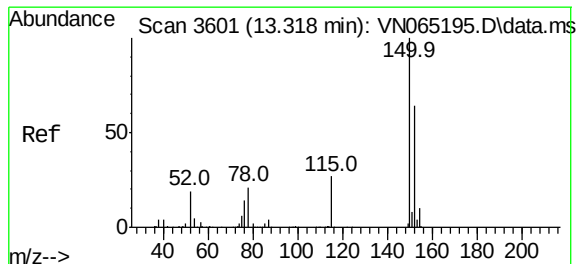
Tgt Ion: 95 Resp: 182057
Ion Ratio Lower Upper
95 100
174 91.9 0.0 160.4
176 89.0 0.0 158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065290.D
Acq: 28 Dec 2020 16:55

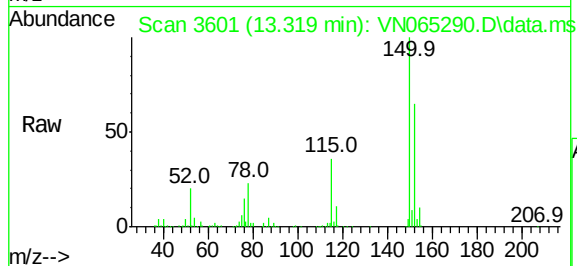
Tgt Ion: 117 Resp: 391898
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.8 25.8 38.6





#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.319 min Scan# 3601
 Delta R.T. 0.001 min
 Lab File: VN065290.D
 Acq: 28 Dec 2020 16:55

Instrument :
 MSVOA_N
ClientSampleId :
 MW-4DL



Tgt Ion:152 Resp: 163723

Ion	Ratio	Lower	Upper
152	100		
115	54.9	29.7	89.1
150	154.8	0.0	350.6

