

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065478.D
 Acq On : 11 Jan 2021 19:23
 Operator : JC/MD
 Sample : M1044-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Jan 12 00:11:37 2021
 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)

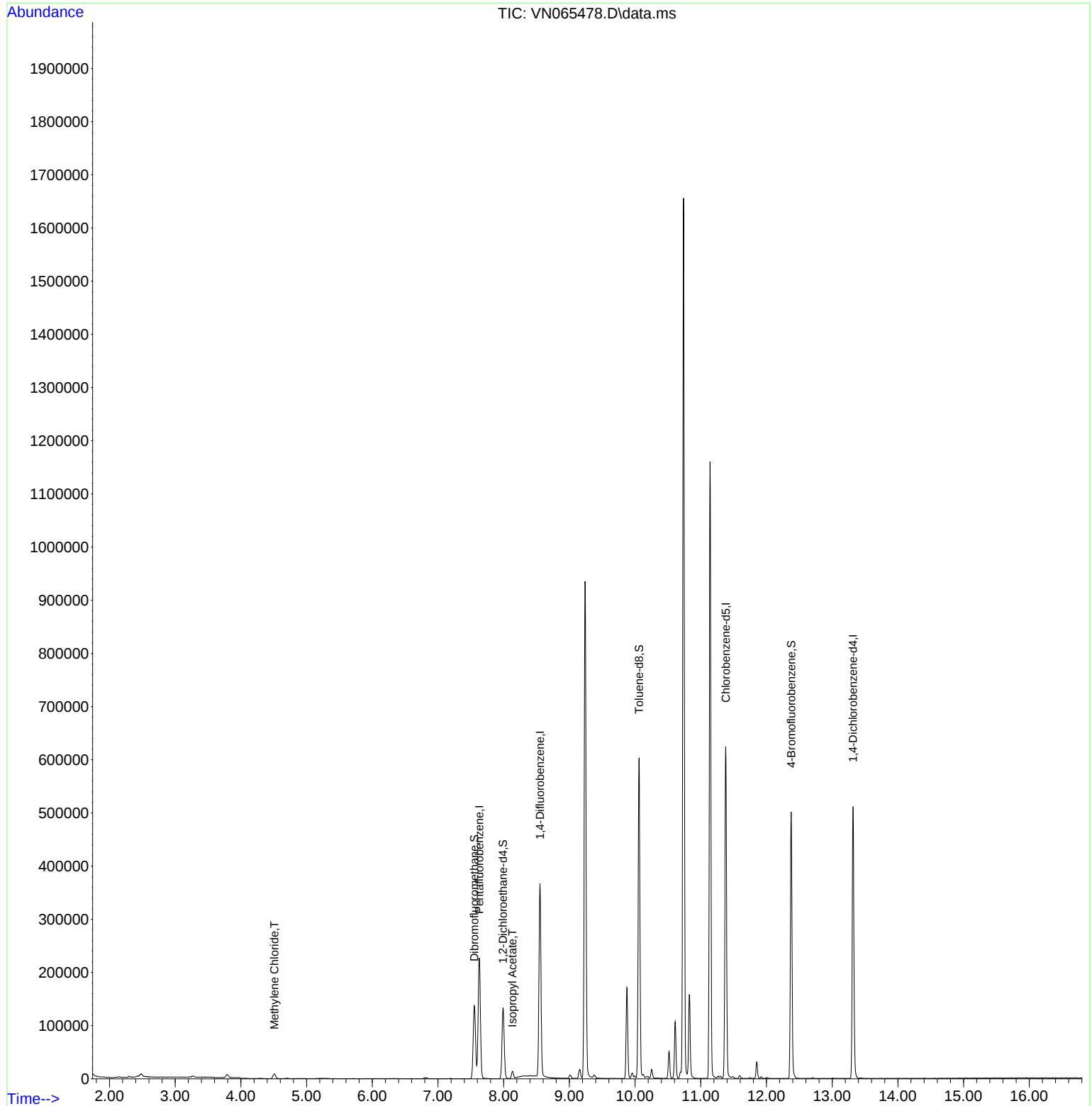
Internal Standards						
1) Pentafluorobenzene	7.627	168	211764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	351582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	385799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	160037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	117423	49.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.24%
35) Dibromofluoromethane	7.553	113	105147	49.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.14%
50) Toluene-d8	10.061	98	435834	54.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.64%
62) 4-Bromofluorobenzene	12.376	95	172714	54.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.86%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.508	84	7429	3.19	ug/l	96
43) Isopropyl Acetate	8.132	43	17045	3.12	ug/l	97

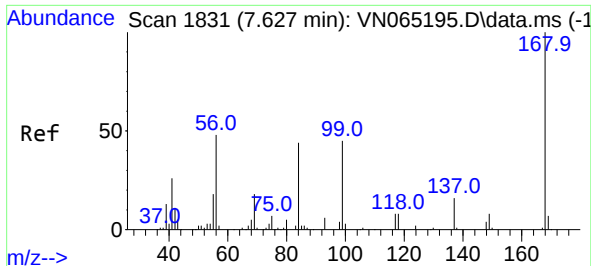
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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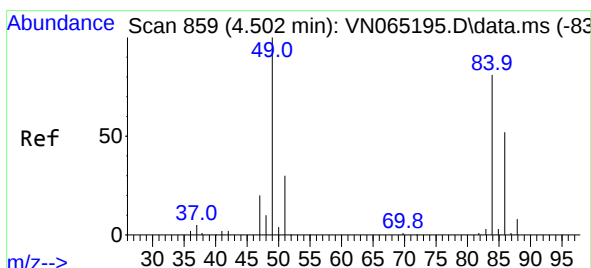
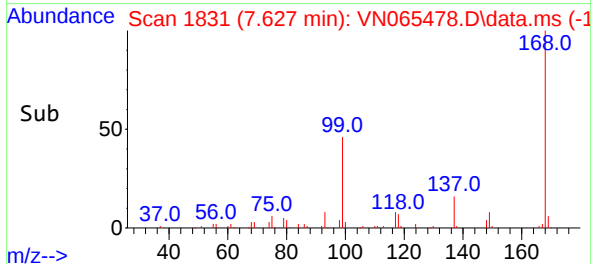
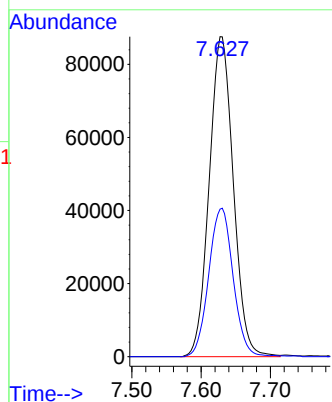
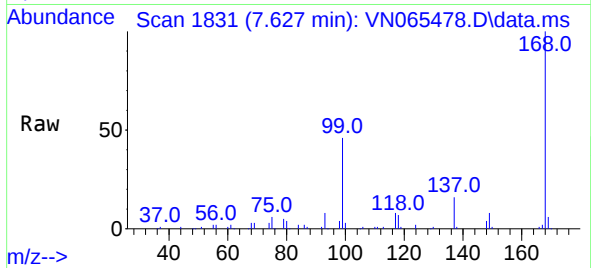




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

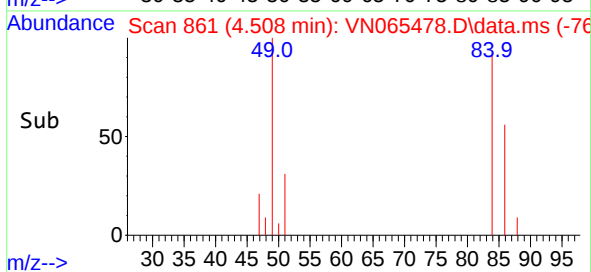
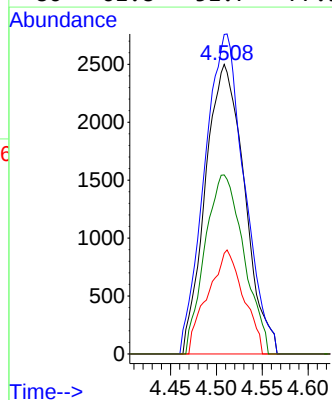
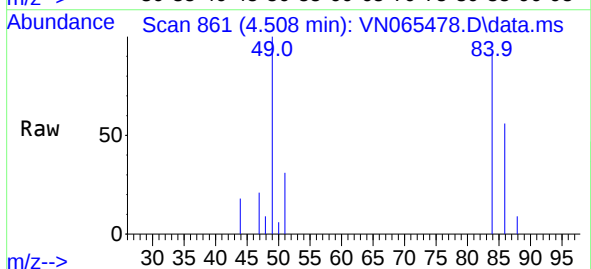
Instrument :
MSVOA_N
ClientSampled :
TP-8

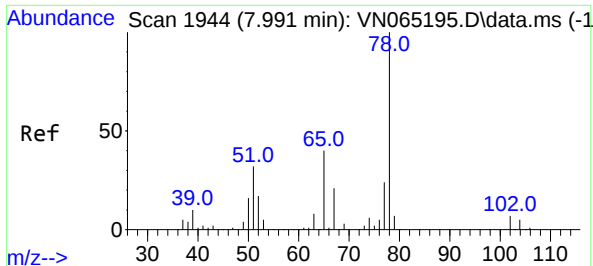
Tgt Ion:168 Resp: 211764
Ion Ratio Lower Upper
168 100
99 46.1 43.0 64.4



#20
Methylene Chloride
Concen: 3.19 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

Tgt Ion: 84 Resp: 7429
Ion Ratio Lower Upper
84 100
49 110.4 93.4 140.0
51 34.7 28.2 42.4
86 61.8 51.7 77.5

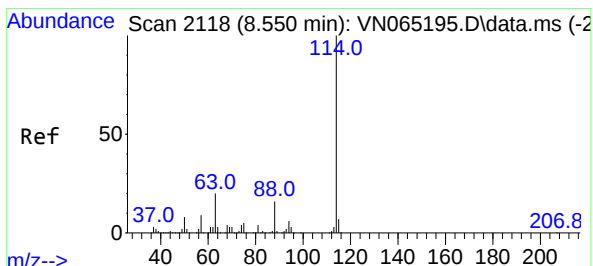
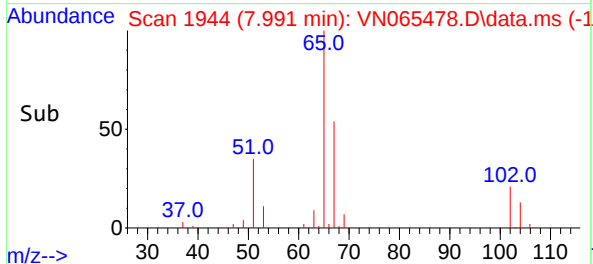
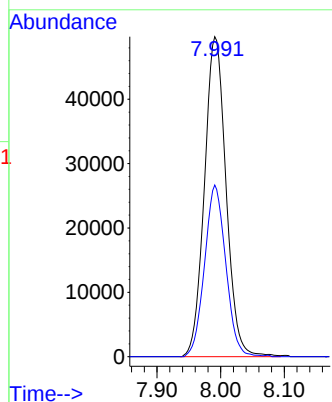
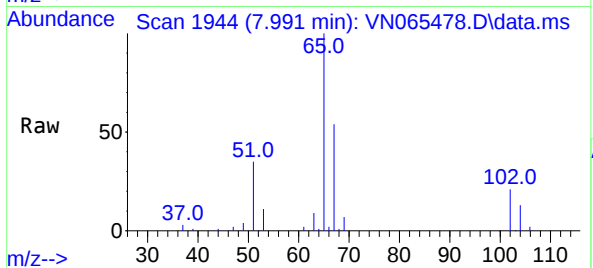




#33
1,2-Dichloroethane-d4
Concen: 49.12 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

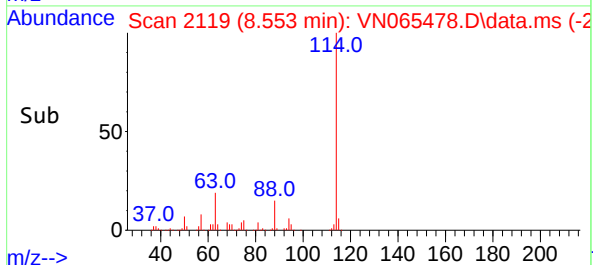
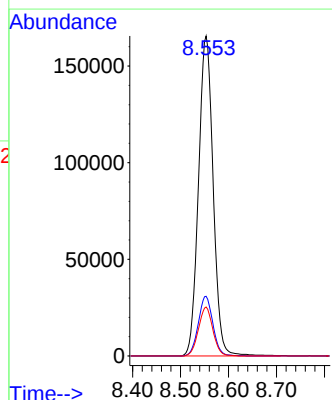
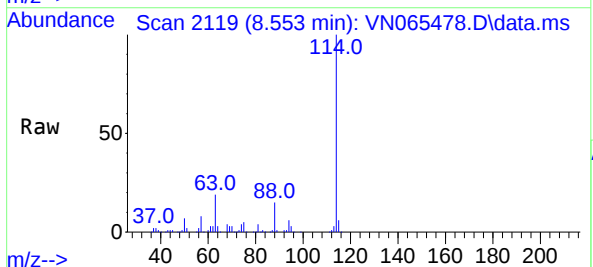
Instrument :
MSVOA_N
ClientSampled :
TP-8

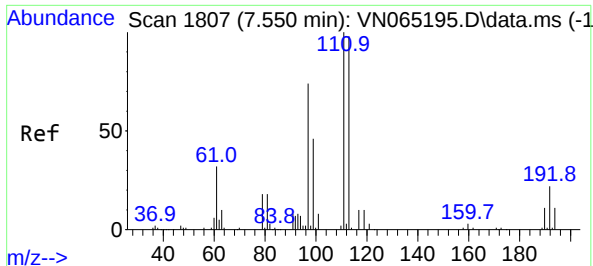
Tgt Ion: 65 Resp: 117423
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

Tgt Ion: 114 Resp: 351582
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.3 0.0 32.6

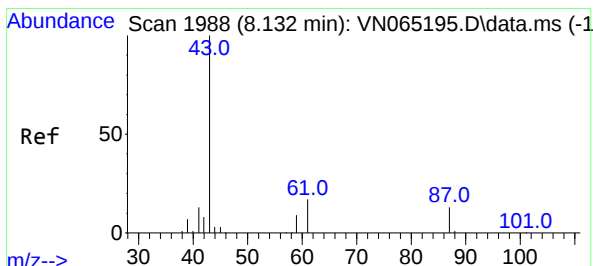
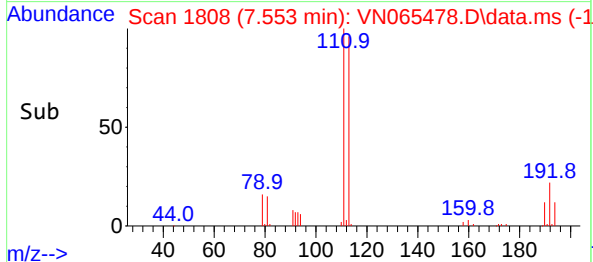
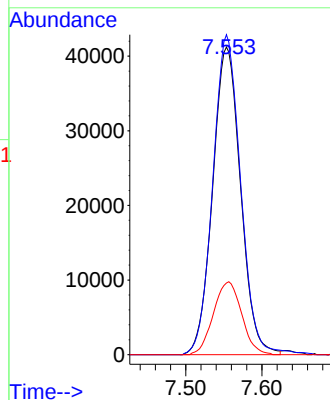
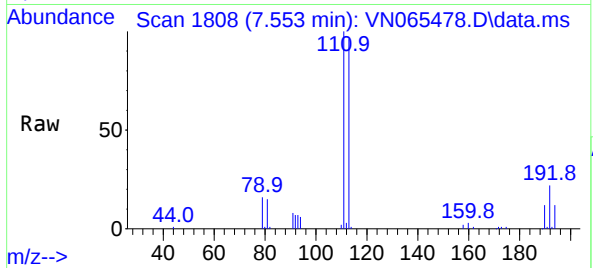




#35
Dibromofluoromethane
Concen: 49.57 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

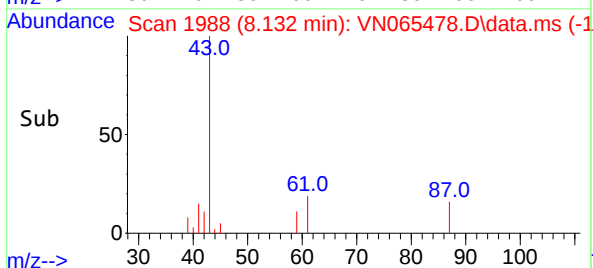
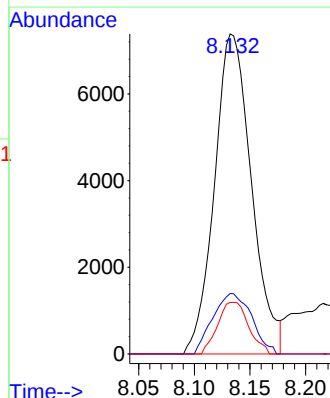
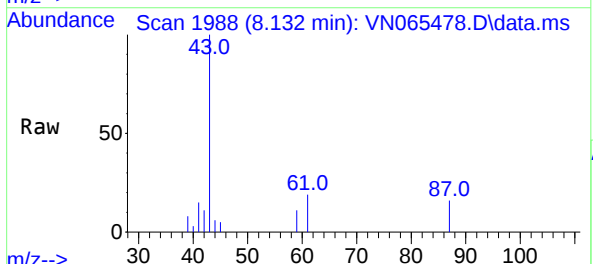
Instrument :
MSVOA_N
ClientSampled :
TP-8

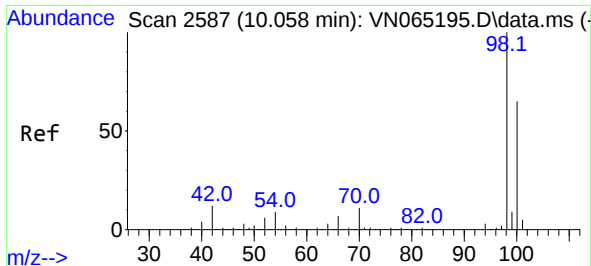
Tgt Ion:113 Resp: 105147
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 24.0 16.2 24.2



#43
Isopropyl Acetate
Concen: 3.12 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

Tgt Ion: 43 Resp: 17045
Ion Ratio Lower Upper
43 100
61 19.8 17.2 25.8
87 13.5 11.4 17.0

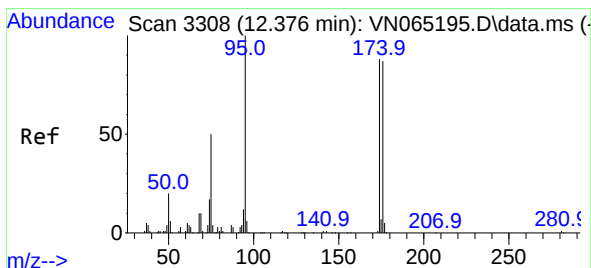
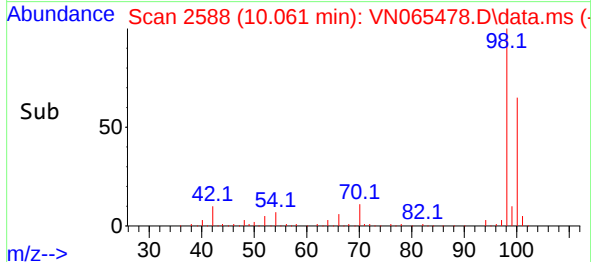
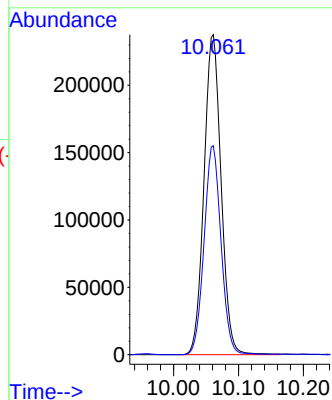
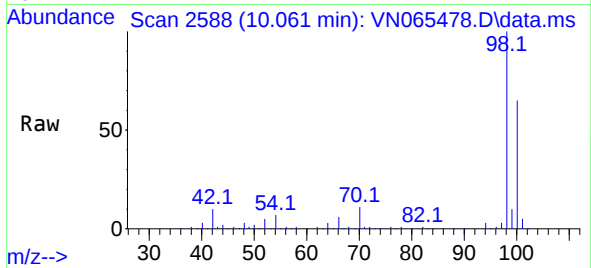




#50
Toluene-d8
Concen: 54.82 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

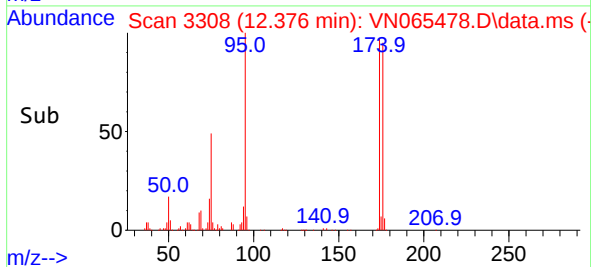
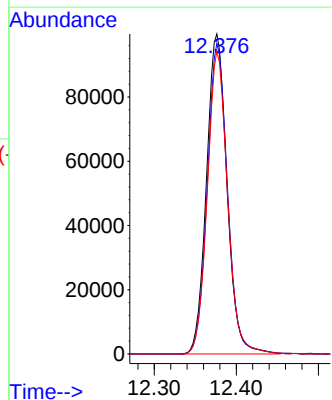
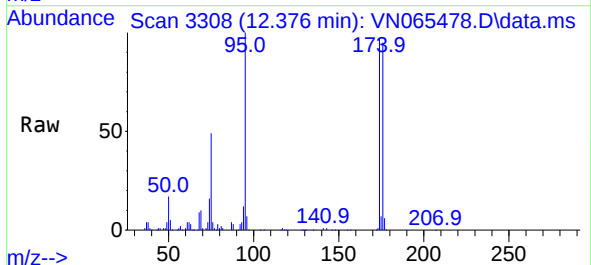
Instrument :
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TP-8

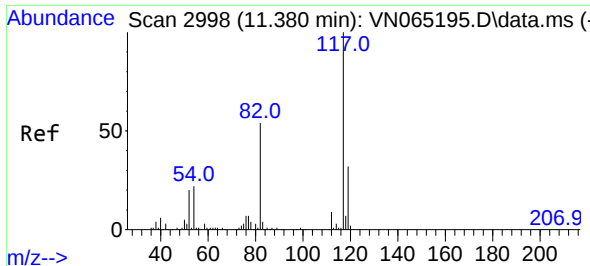
Tgt Ion: 98 Resp: 435834
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

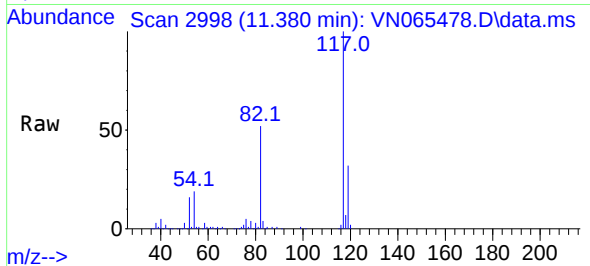
Tgt Ion: 95 Resp: 172714
Ion Ratio Lower Upper
95 100
174 96.3 0.0 160.4
176 93.1 0.0 158.4



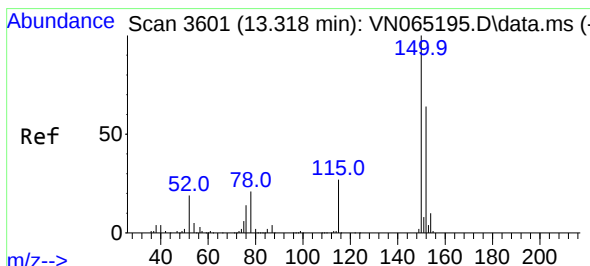
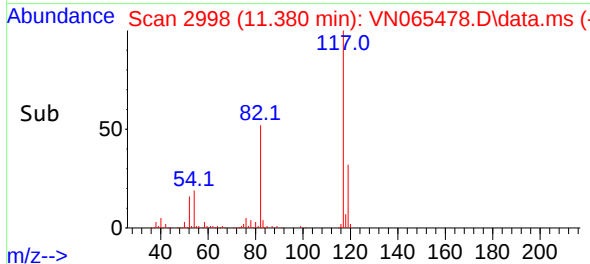
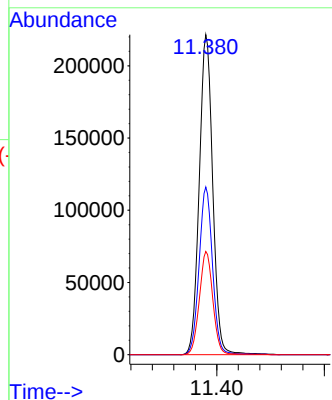


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
TP-8



Tgt Ion:117 Resp: 385799
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065478.D
Acq: 11 Jan 2021 19:23

Tgt Ion:152 Resp: 160037
Ion Ratio Lower Upper
152 100
115 54.6 29.7 89.1
150 155.2 0.0 350.6

