

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065451.D
 Acq On : 8 Jan 2021 18:18
 Operator : JC/MD
 Sample : PB133969ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969ZHE#03

Quant Time: Jan 08 22:50:25 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)

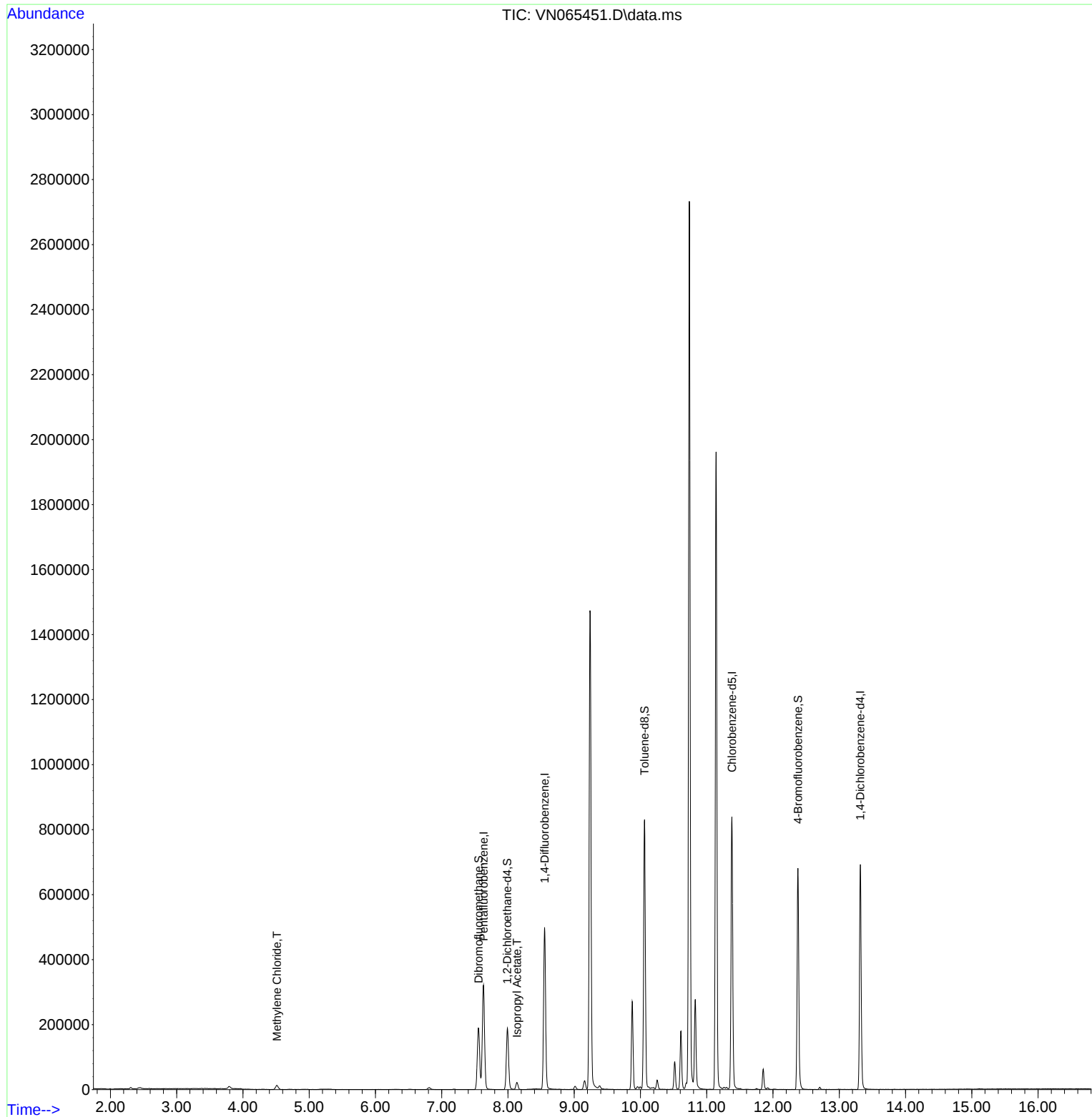
Internal Standards						
1) Pentafluorobenzene	7.630	168	289043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	476252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	524915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	214140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	167249	51.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.50%			
35) Dibromofluoromethane	7.557	113	147713	51.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.82%			
50) Toluene-d8	10.061	98	605086	56.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.38%			
62) 4-Bromofluorobenzene	12.376	95	239301	55.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.12%			
Target Compounds						
20) Methylene Chloride	4.515	84	9615	3.02	ug/l	94
43) Isopropyl Acetate	8.135	43	27228	3.68	ug/l	96

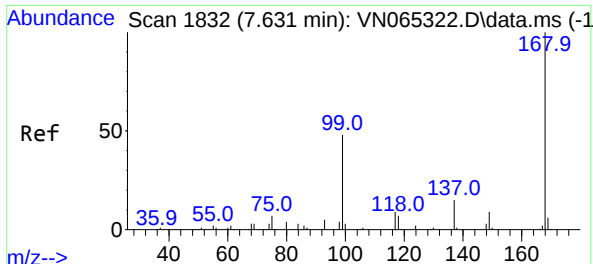
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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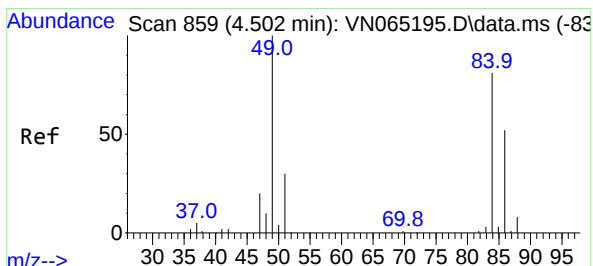
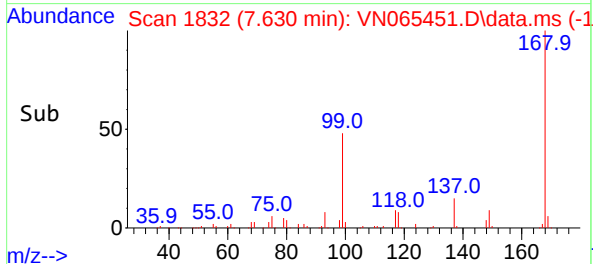
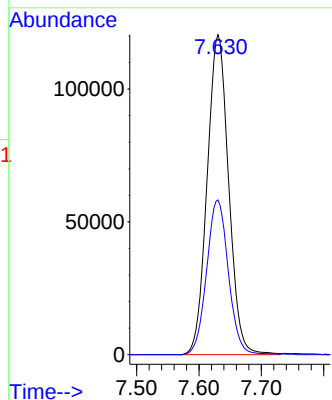
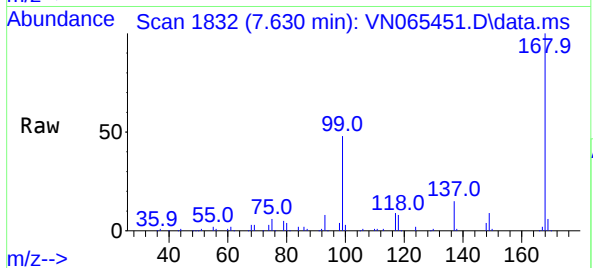




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

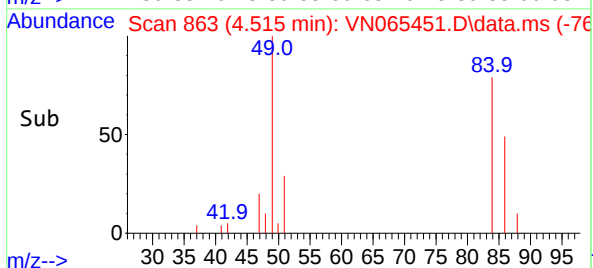
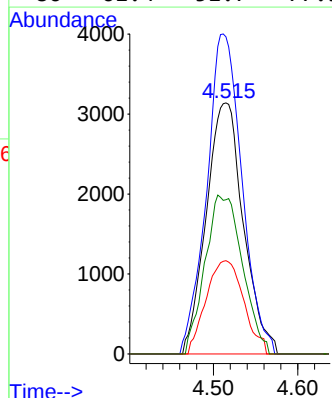
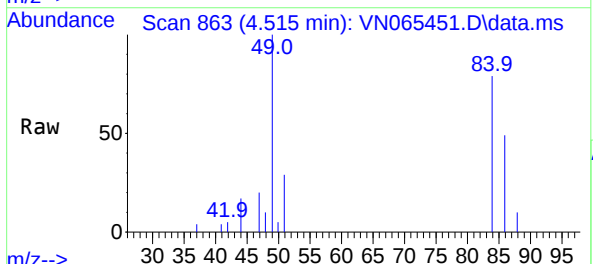
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#03

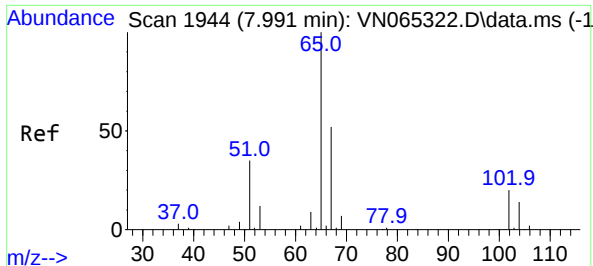
Tgt Ion:168 Resp: 289043
Ion Ratio Lower Upper
168 100
99 48.4 43.0 64.4



#20
Methylene Chloride
Concen: 3.02 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

Tgt Ion: 84 Resp: 9615
Ion Ratio Lower Upper
84 100
49 126.3 93.4 140.0
51 37.1 28.2 42.4
86 61.4 51.7 77.5

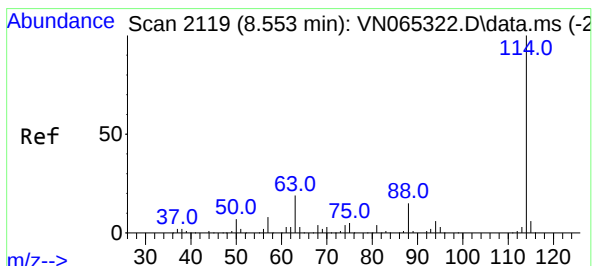
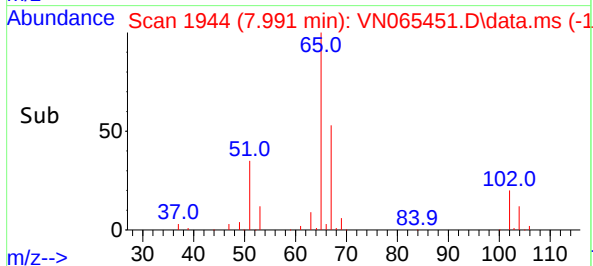
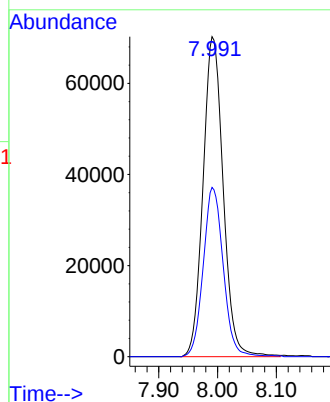
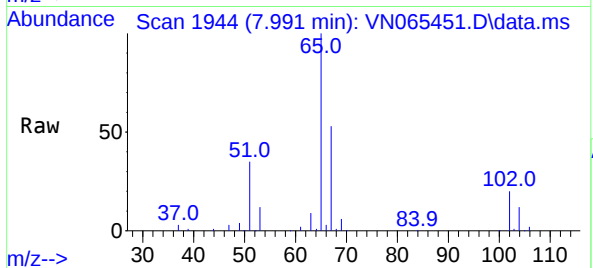




#33
1,2-Dichloroethane-d4
Concen: 51.25 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

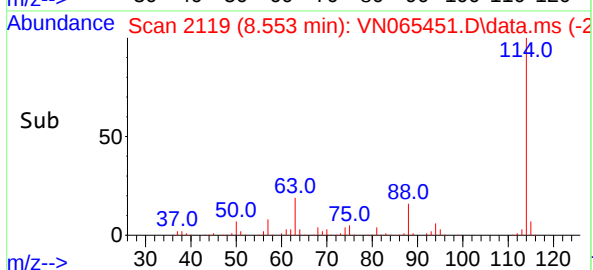
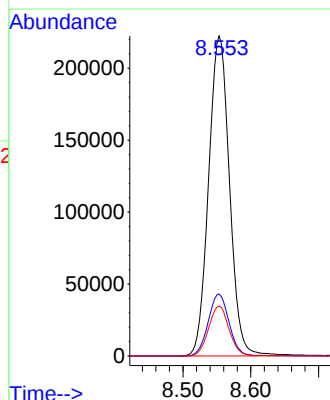
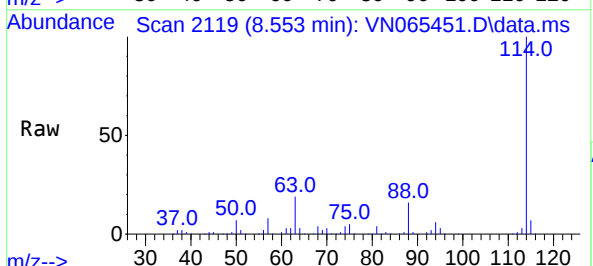
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#03

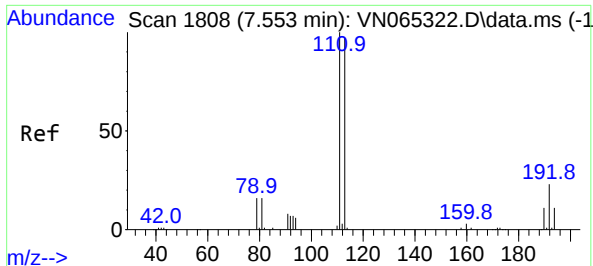
Tgt Ion: 65 Resp: 167249
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

Tgt Ion: 114 Resp: 476252
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.6 0.0 32.6

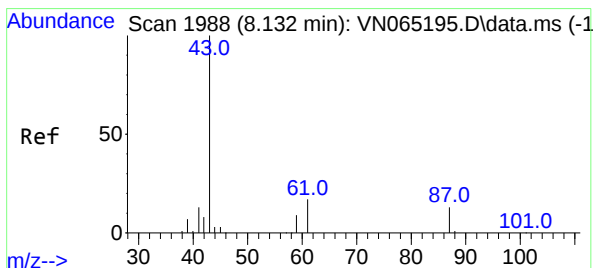
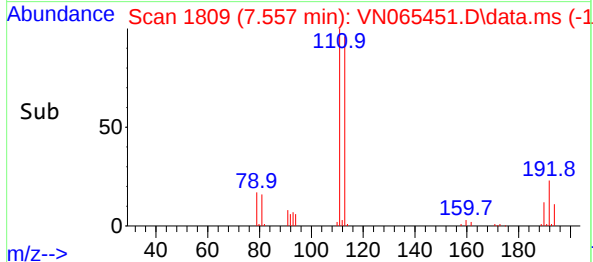
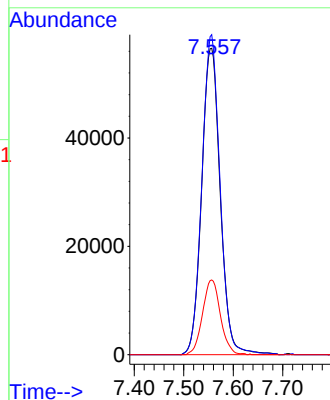
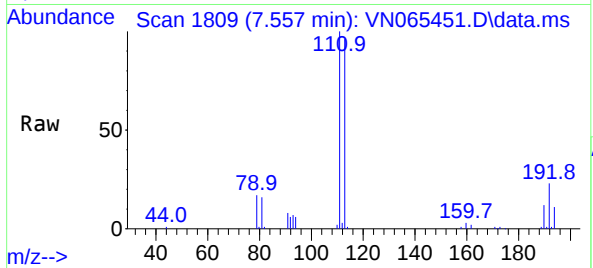




#35
Dibromofluoromethane
Concen: 51.41 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

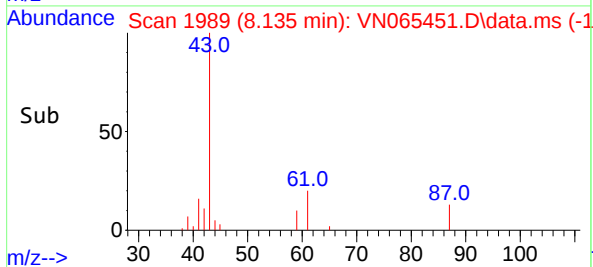
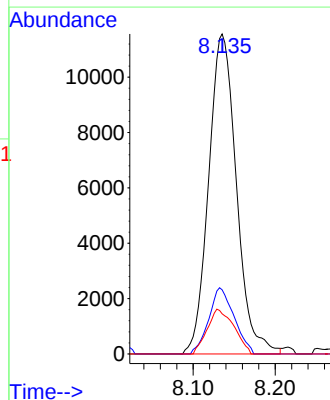
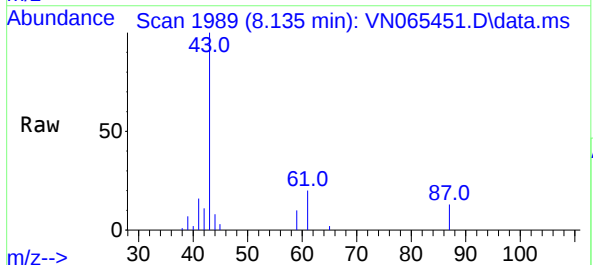
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#03

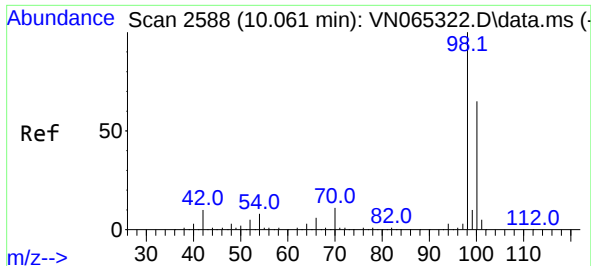
Tgt Ion:113 Resp: 147713
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 23.5 16.2 24.2



#43
Isopropyl Acetate
Concen: 3.68 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

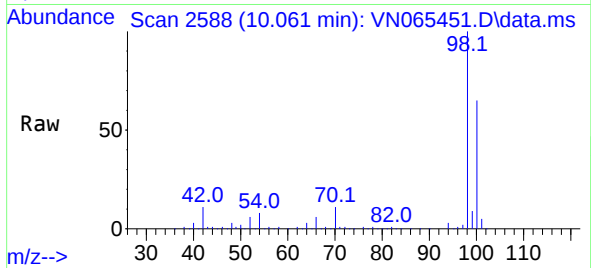
Tgt Ion: 43 Resp: 27228
Ion Ratio Lower Upper
43 100
61 18.8 17.2 25.8
87 13.4 11.4 17.0



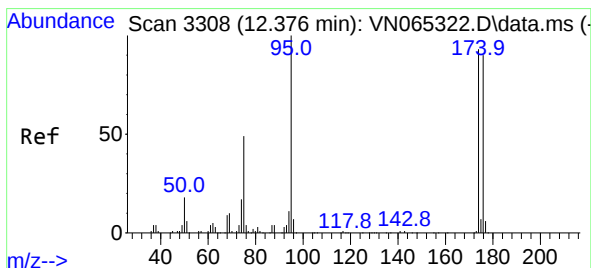
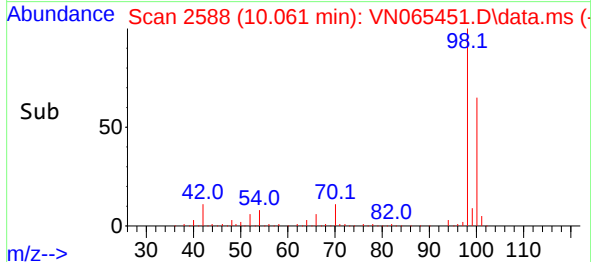
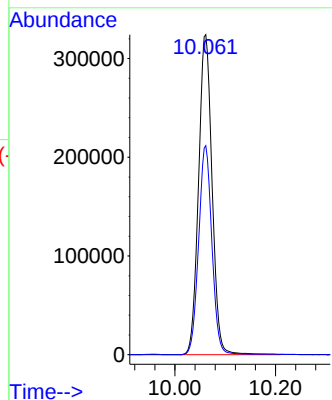


#50
Toluene-d8
Concen: 56.19 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

Instrument :
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PB133969ZHE#03

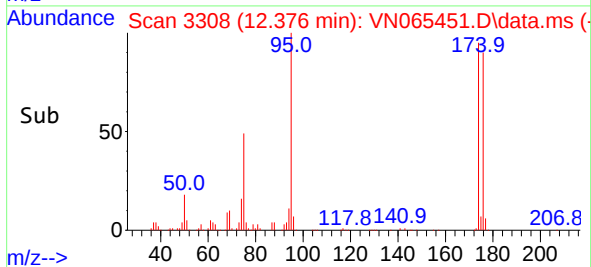
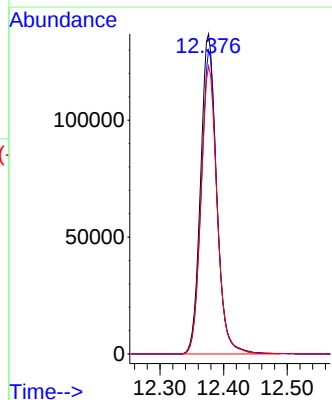
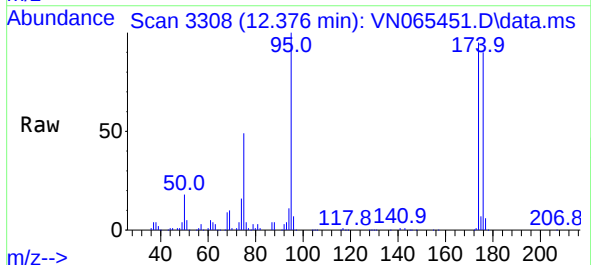


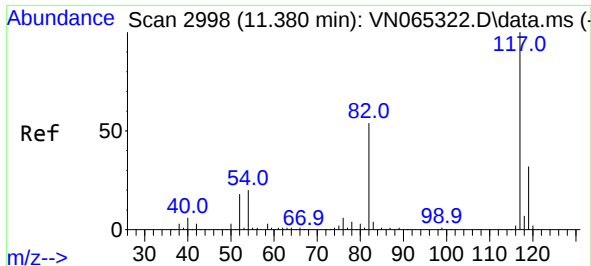
Tgt Ion: 98 Resp: 605086
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

Tgt Ion: 95 Resp: 239301
Ion Ratio Lower Upper
95 100
174 93.5 0.0 160.4
176 90.5 0.0 158.4

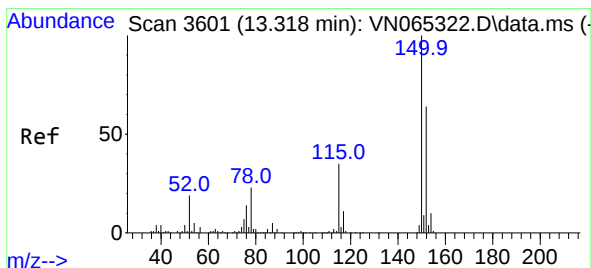
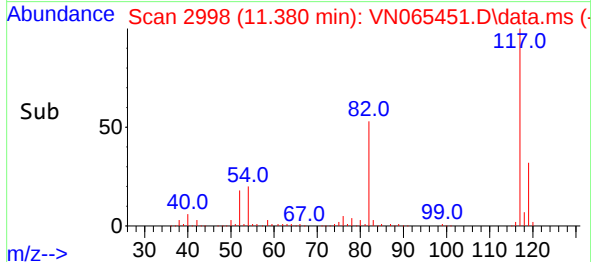
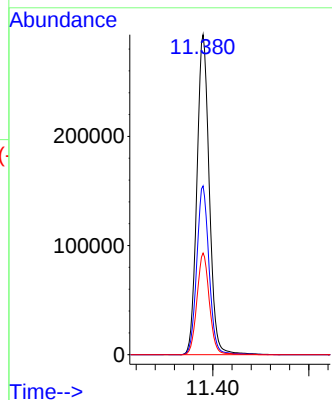
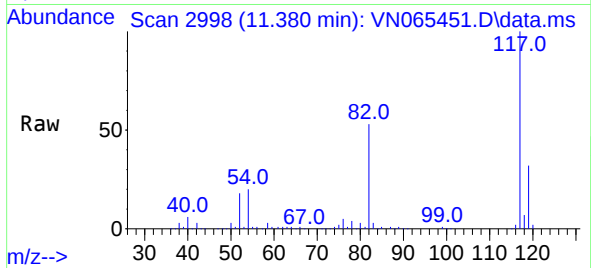




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065451.D
Acq: 8 Jan 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#03

Tgt Ion:117 Resp: 524915
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.8 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: VN065451.D
Acq: 8 Jan 2021 18:18

Tgt Ion:152 Resp: 214140
Ion Ratio Lower Upper
152 100
115 54.6 29.7 89.1
150 155.8 0.0 350.6

