

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065534.D
 Acq On : 15 Jan 2021 20:05
 Operator : JC/MD
 Sample : M1090-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BORE-3-1FT-7FT

Quant Time: Jan 15 23:45:11 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)

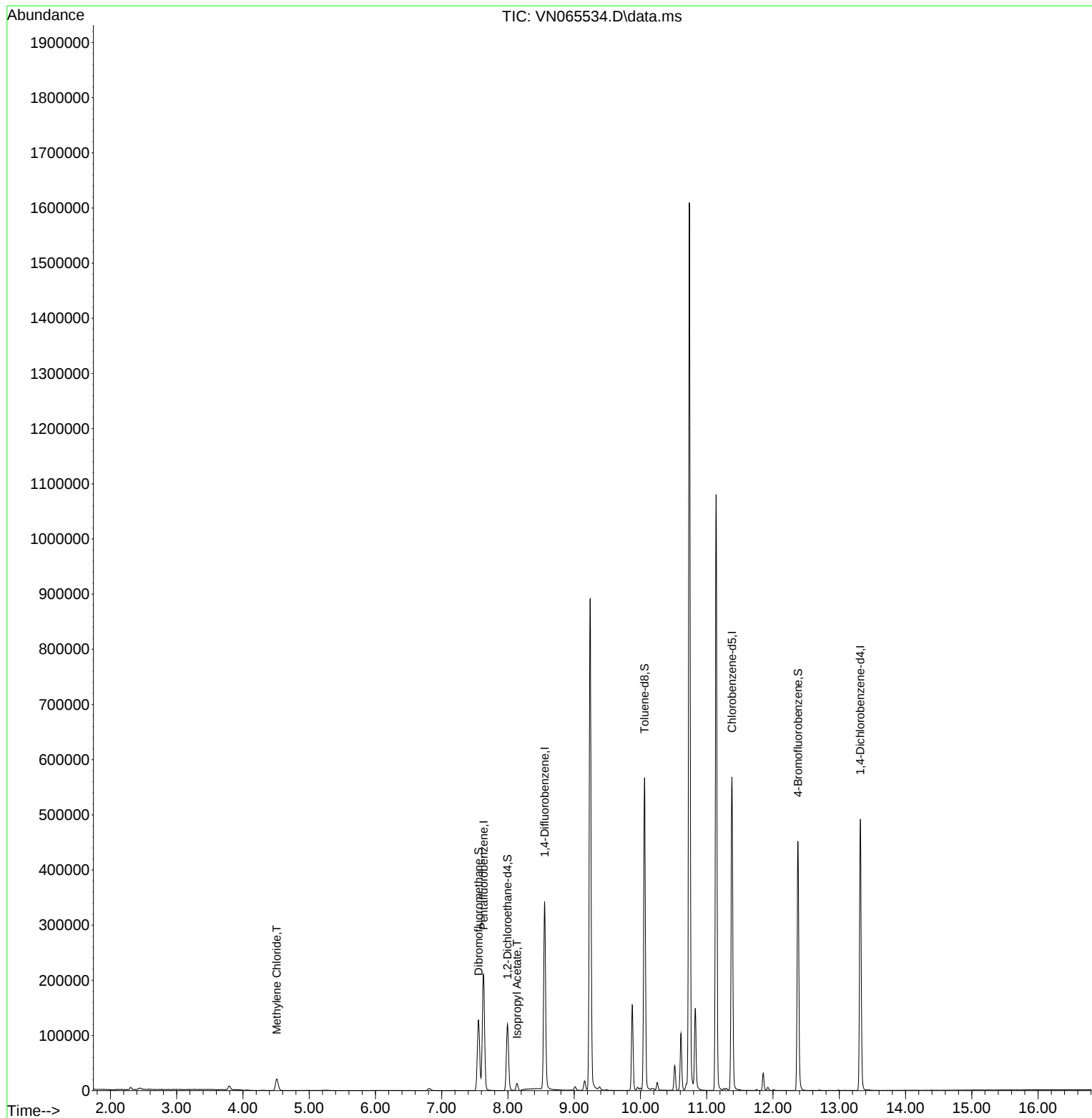
Internal Standards						
1) Pentafluorobenzene	7.630	168	198047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	330078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	365138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	154698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	105750	47.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.60%
35) Dibromofluoromethane	7.556	113	99079	49.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.50%
50) Toluene-d8	10.061	98	415784	55.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.42%
62) 4-Bromofluorobenzene	12.376	95	159449	53.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.22%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.508	84	17158	7.87	ug/l	99
43) Isopropyl Acetate	8.135	43	14873	2.90	ug/l	100

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

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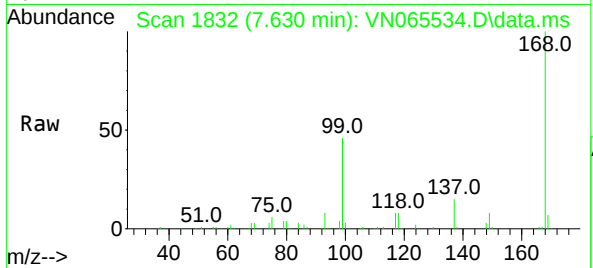
Quant Time: Jan 15 23:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
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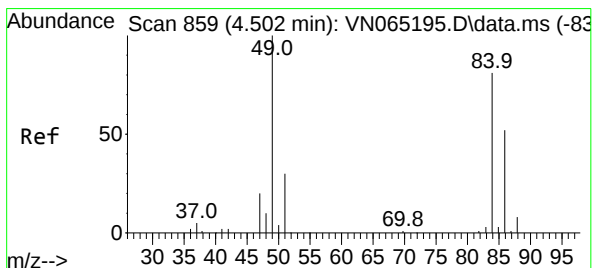
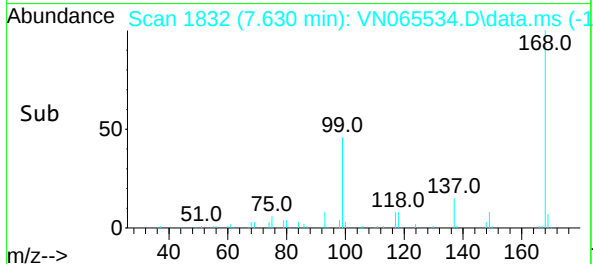
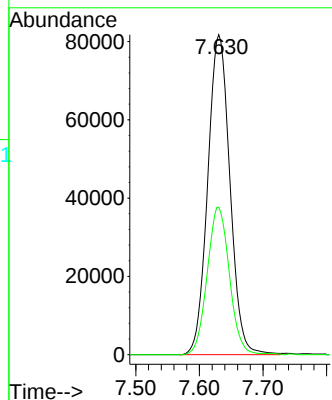


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :
BORE-3-1FT-7FT

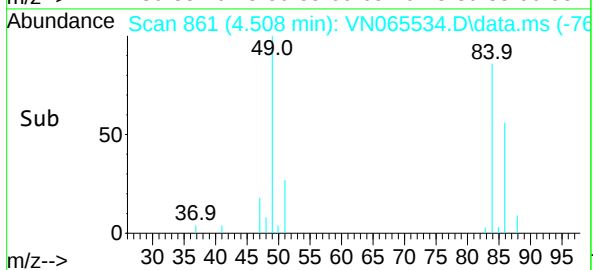
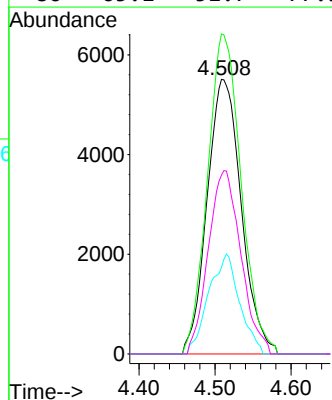
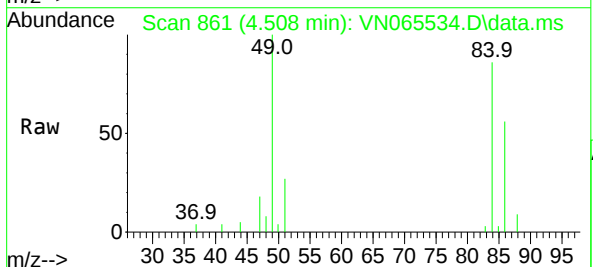


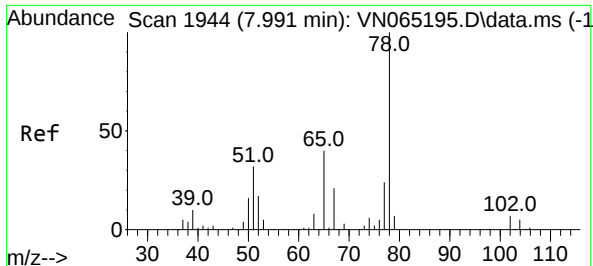
Tgt Ion:168 Resp: 198047
Ion Ratio Lower Upper
168 100
99 46.1 43.0 64.4



#20
Methylene Chloride
Concen: 7.87 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Tgt Ion: 84 Resp: 17158
Ion Ratio Lower Upper
84 100
49 116.6 93.4 140.0
51 31.5 28.2 42.4
86 65.1 51.7 77.5

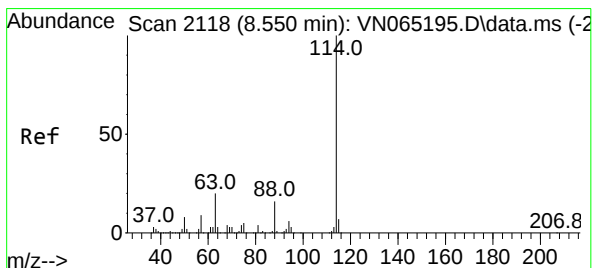
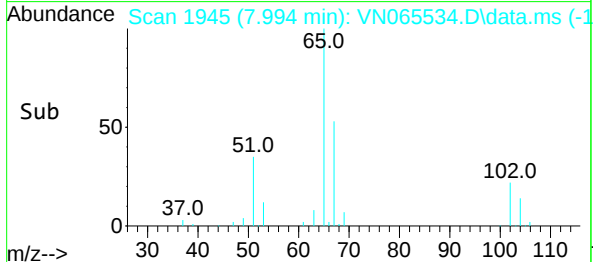
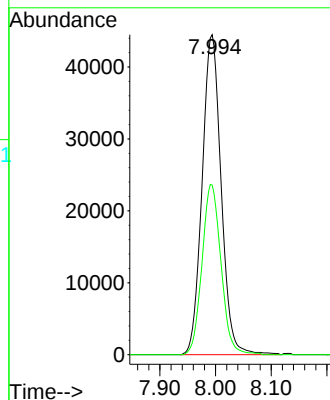
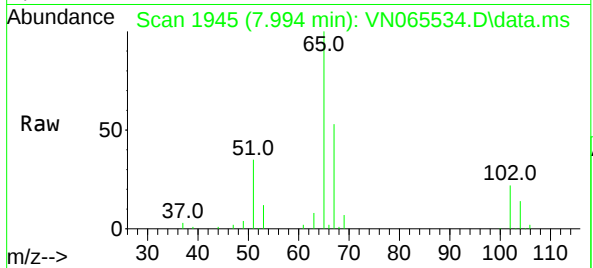




#33
1,2-Dichloroethane-d4
Concen: 47.30 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

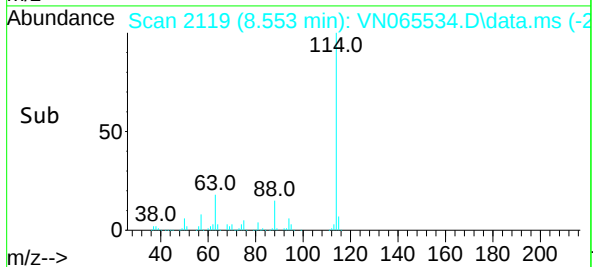
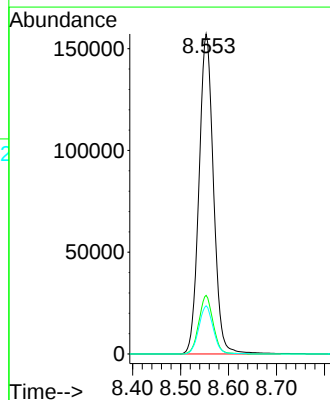
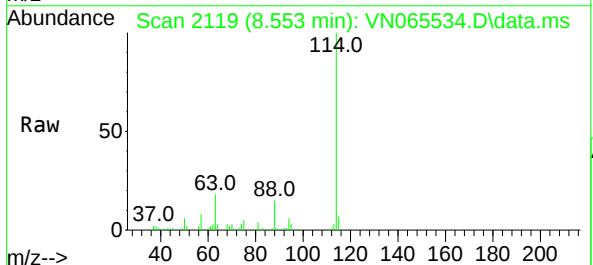
Instrument :
MSVOA_N
ClientSampleId :
BORE-3-1FT-7FT

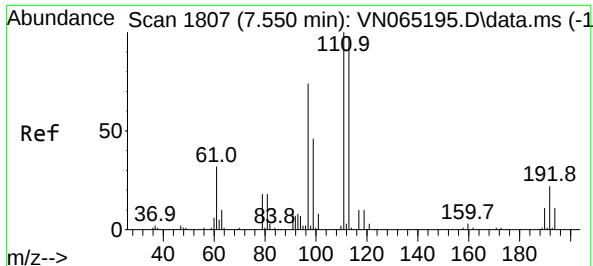
Tgt Ion: 65 Resp: 105750
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Tgt Ion: 114 Resp: 330078
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.6
88 15.0 0.0 32.6

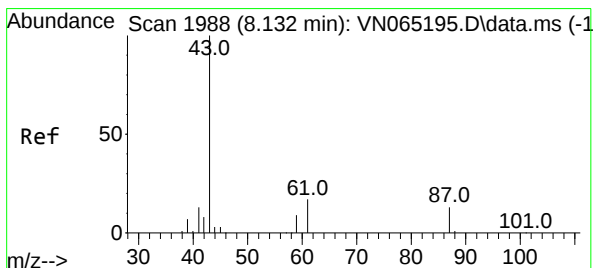
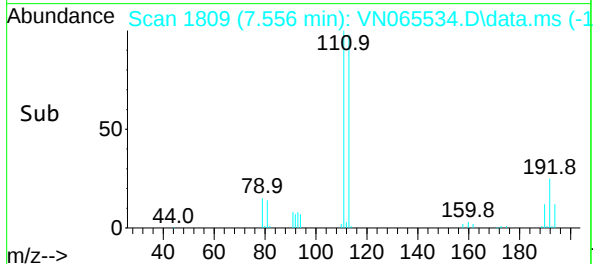
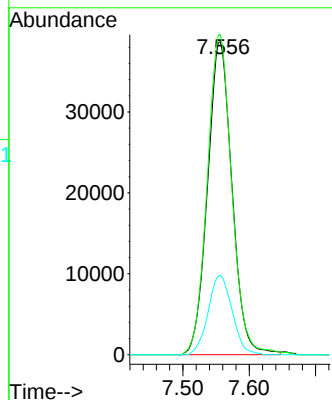
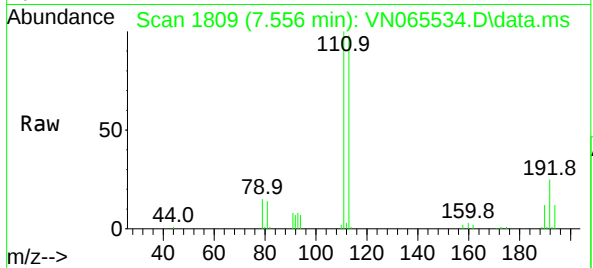




#35
Dibromofluoromethane
Concen: 49.75 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

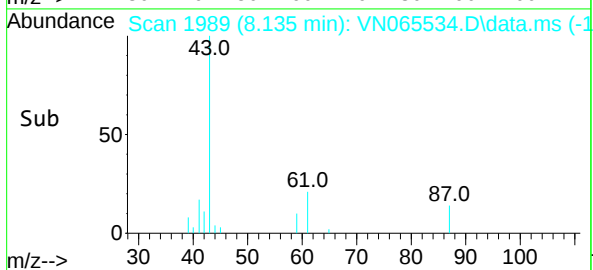
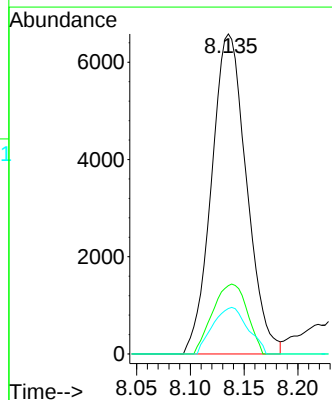
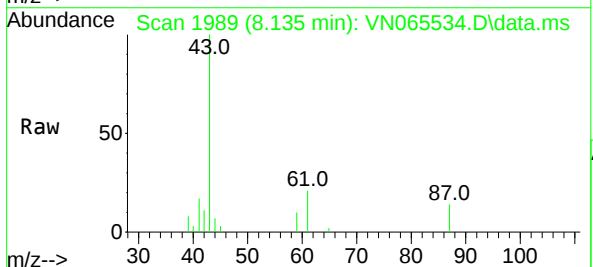
Instrument :
MSVOA_N
ClientSampleId :
BORE-3-1FT-7FT

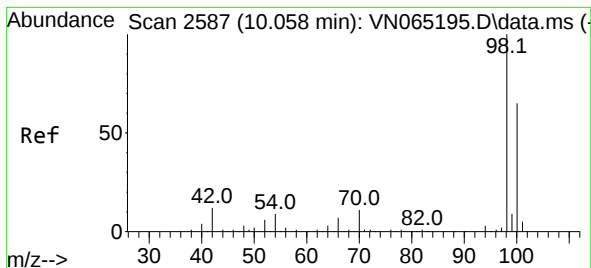
Tgt Ion:113 Resp: 99079
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 24.9 16.2 24.2#



#43
Isopropyl Acetate
Concen: 2.90 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Tgt Ion: 43 Resp: 14873
Ion Ratio Lower Upper
43 100
61 21.6 17.2 25.8
87 14.5 11.4 17.0

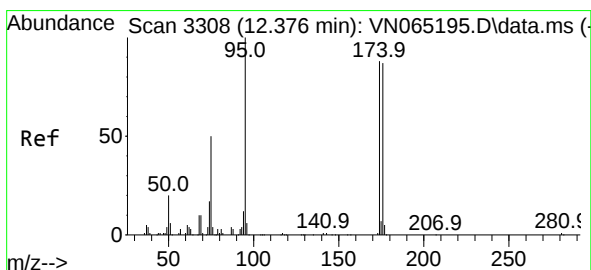
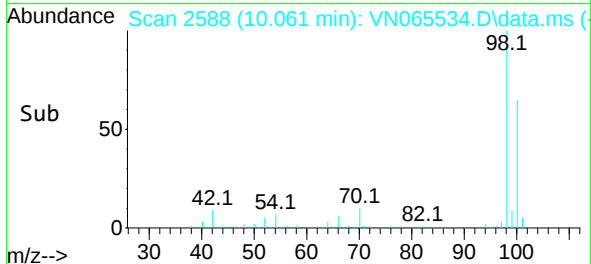
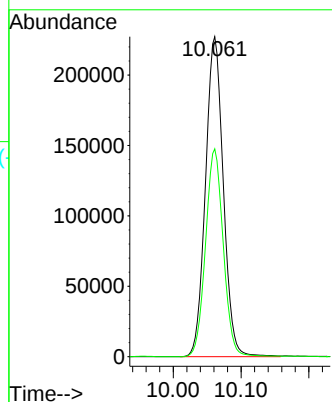
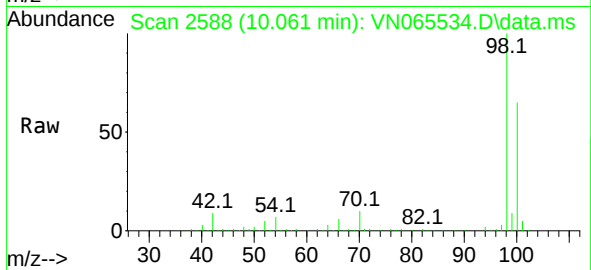




#50
Toluene-d8
Concen: 55.71 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

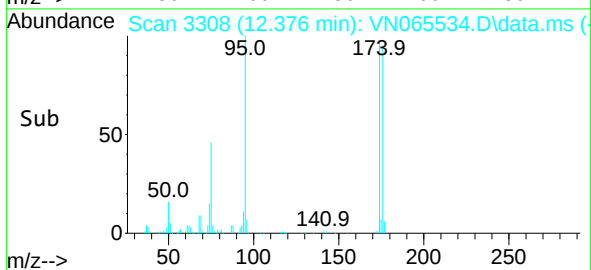
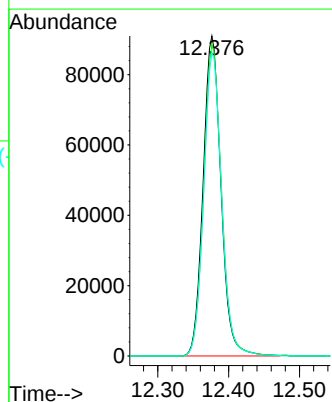
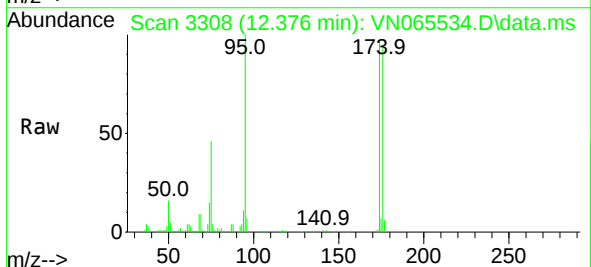
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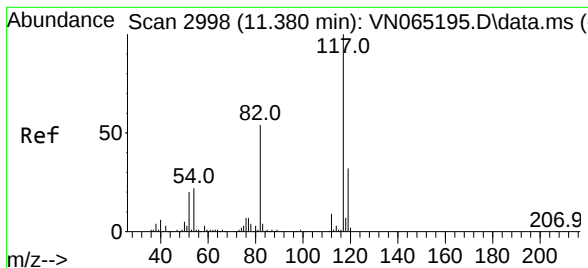
Tgt Ion: 98 Resp: 415784
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.61 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Tgt Ion: 95 Resp: 159449
Ion Ratio Lower Upper
95 100
174 97.4 0.0 160.4
176 94.9 0.0 158.4

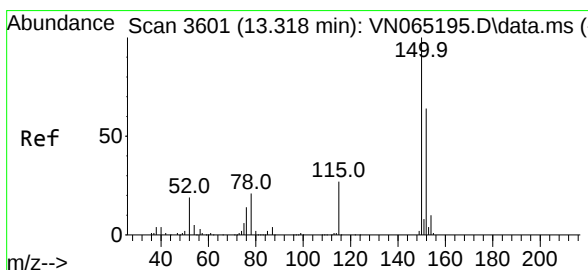
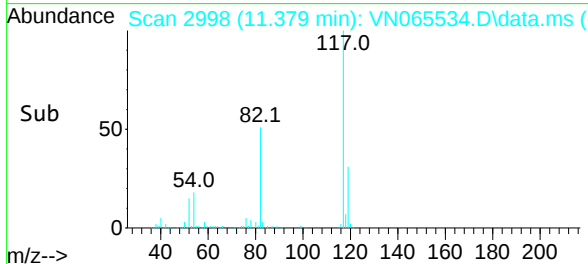
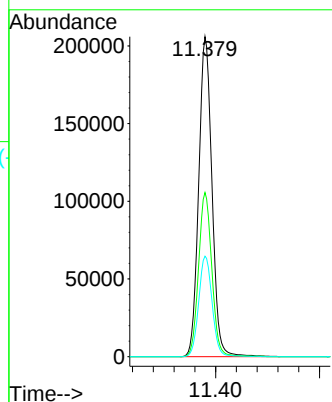
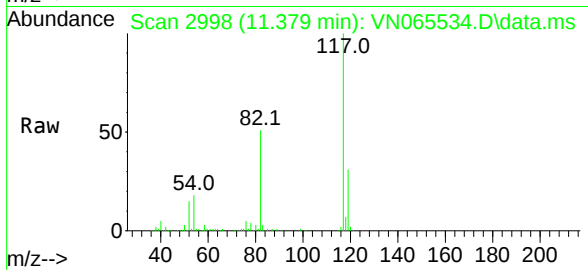




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065534.D
Acq: 15 Jan 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :
BORE-3-1FT-7FT

Tgt Ion:117 Resp: 365138
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 31.4 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: VN065534.D
Acq: 15 Jan 2021 20:05

Tgt Ion:152 Resp: 154698
Ion Ratio Lower Upper
152 100
115 54.4 29.7 89.1
150 155.6 0.0 350.6

