

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072670.D
 Acq On : 06 Jun 2022 18:17
 Operator : JC\MD
 Sample : N3123-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Jun 07 06:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

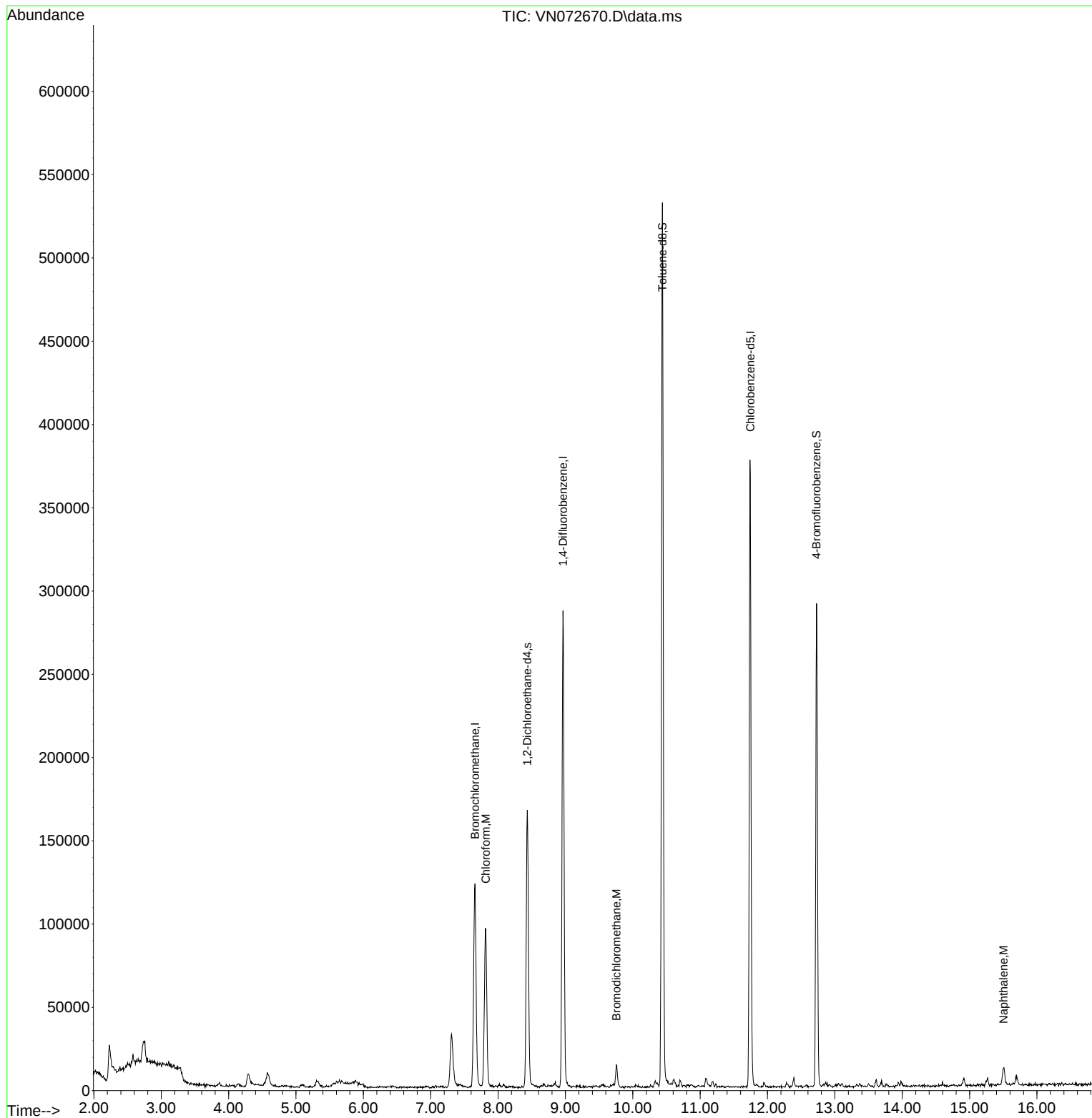
Internal Standards						
1) Bromochloromethane	7.657	128	39439	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	237680	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	199952	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	140294	31.191	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.727	95	104783	25.479	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.933%
63) Toluene-d8	10.439	98	351430	31.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.767%
Target Compounds						
					Qvalue	
25) Chloroform	7.816	83	89761	14.108	ug/l	97
41) Bromodichloromethane	9.757	83	8866	1.640	ug/l #	83
91) Naphthalene	15.504	128	12737	1.188	ug/l	95

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

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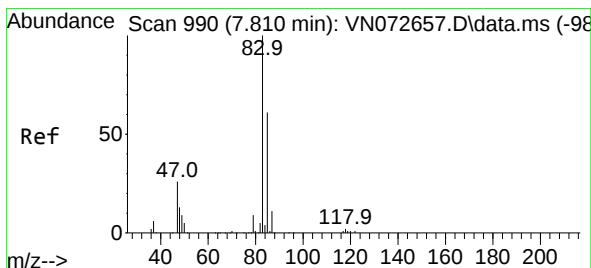
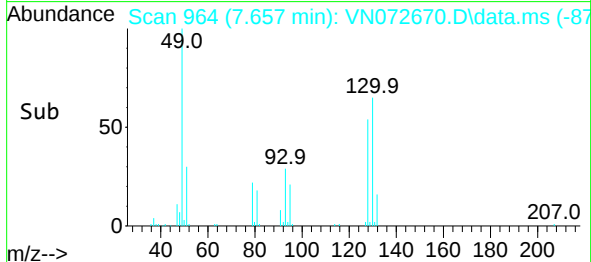
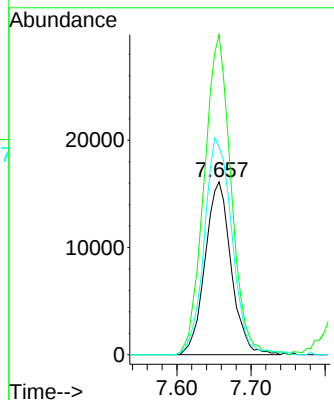
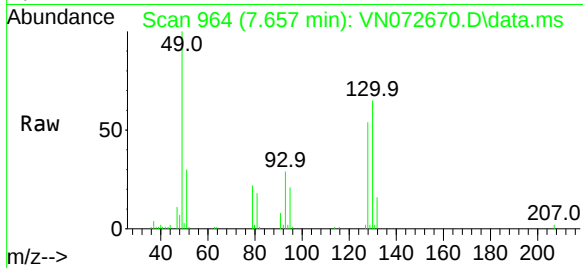




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

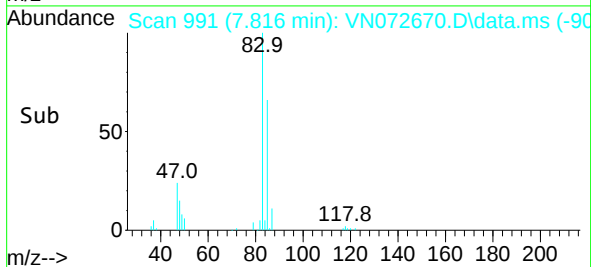
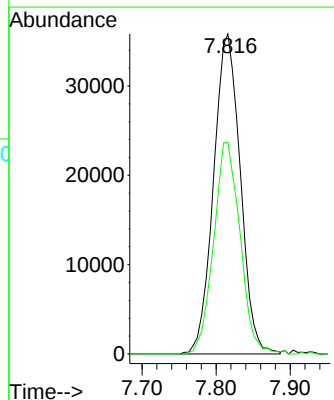
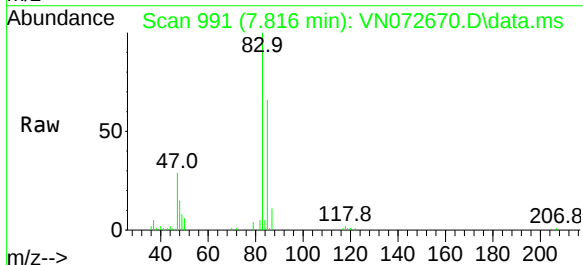
Instrument :
MSVOA_N
ClientSampleId :
14B-1

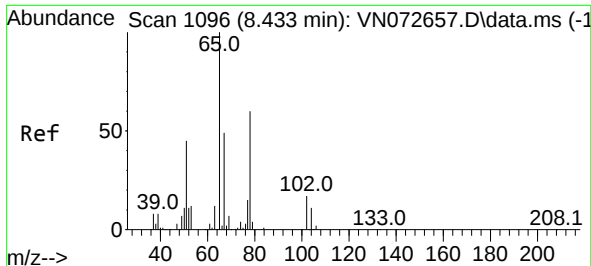
Tgt Ion:128 Resp: 39439
Ion Ratio Lower Upper
128 100
49 190.2 0.0 392.3
130 132.0 0.0 320.2



#25
Chloroform
Concen: 14.108 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 83 Resp: 89761
Ion Ratio Lower Upper
83 100
85 66.2 51.3 76.9

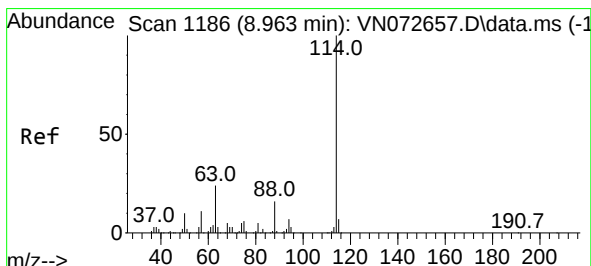
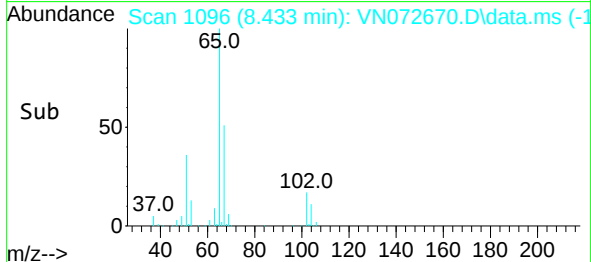
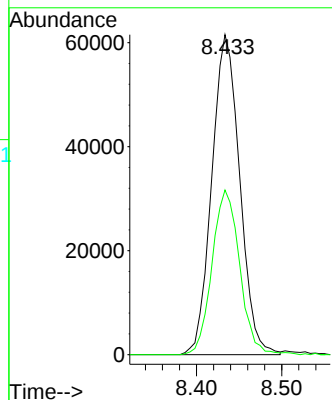
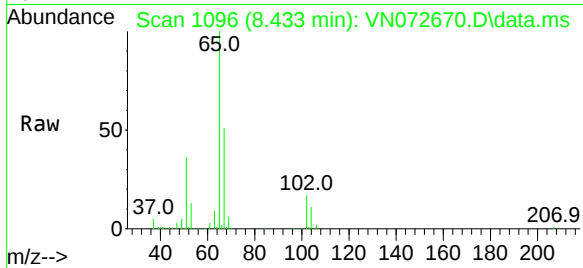




#27
 1,2-Dichloroethane-d4
 Concen: 31.191 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: VN072670.D
 Acq: 06 Jun 2022 18:17

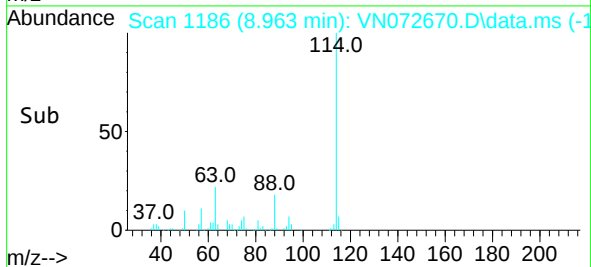
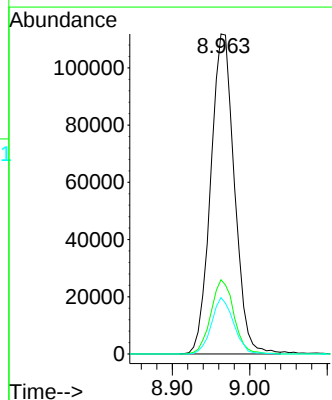
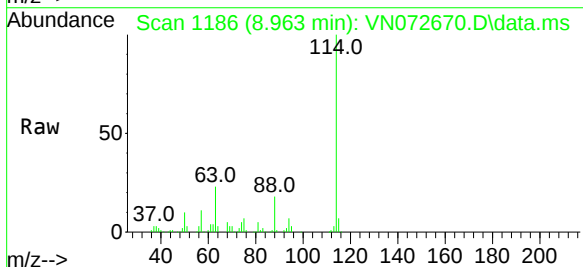
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

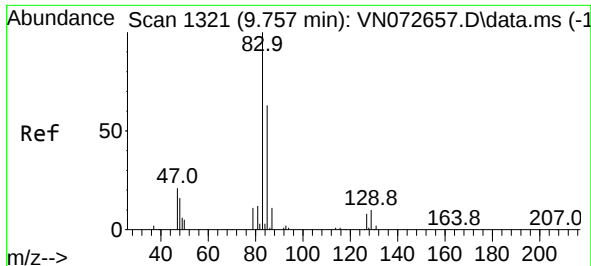
Tgt Ion: 65 Resp: 140294
 Ion Ratio Lower Upper
 65 100
 67 50.7 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: VN072670.D
 Acq: 06 Jun 2022 18:17

Tgt Ion: 114 Resp: 237680
 Ion Ratio Lower Upper
 114 100
 63 22.5 15.8 23.6
 88 16.4 11.6 17.4

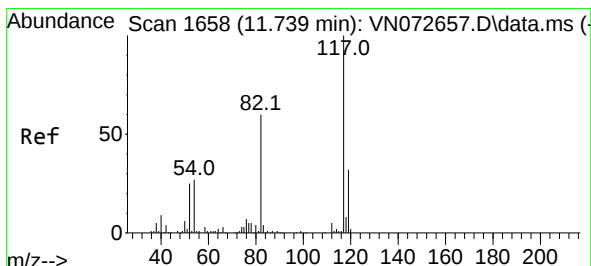
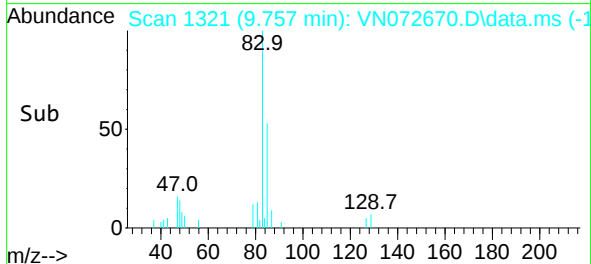
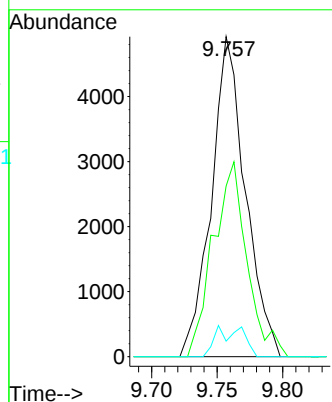
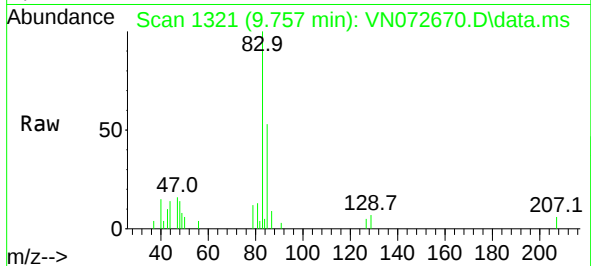




#41
Bromodichloromethane
Concen: 1.640 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

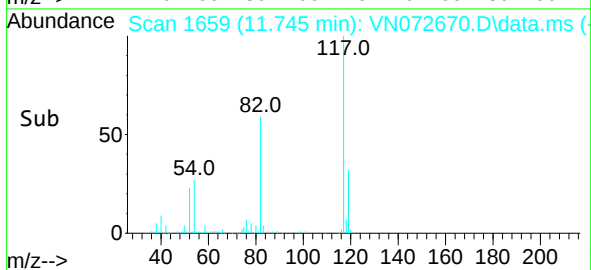
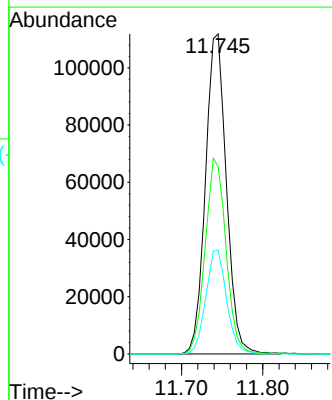
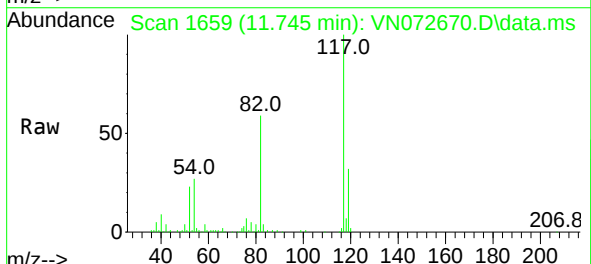
Instrument :
MSVOA_N
ClientSampleId :
14B-1

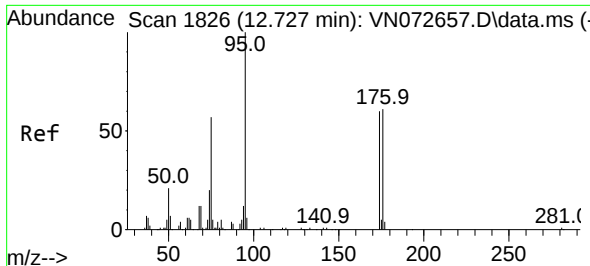
Tgt Ion: 83 Resp: 8866
Ion Ratio Lower Upper
83 100
85 53.3 54.1 81.1#
127 4.9 7.6 11.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 117 Resp: 199952
Ion Ratio Lower Upper
117 100
82 61.1 43.6 65.4
119 32.4 25.8 38.6

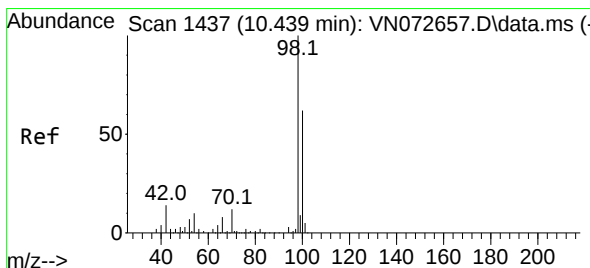
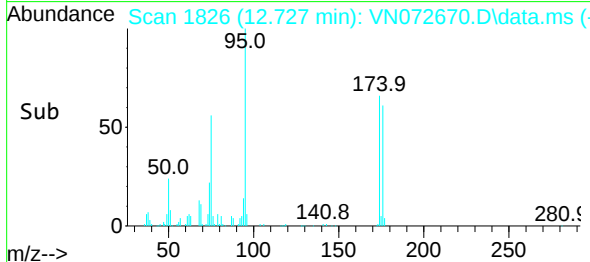
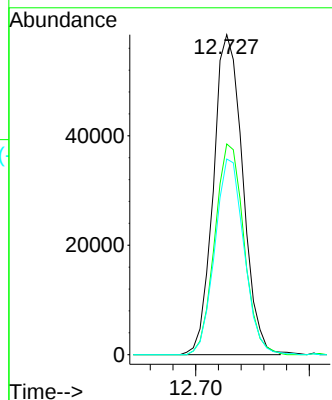
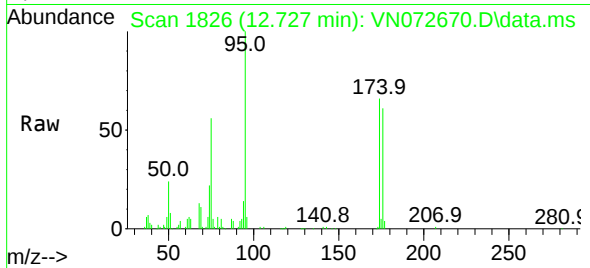




#60
4-Bromofluorobenzene
Concen: 25.479 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

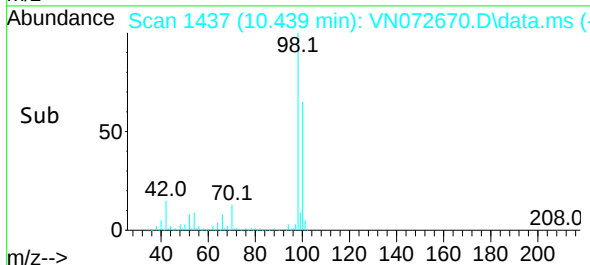
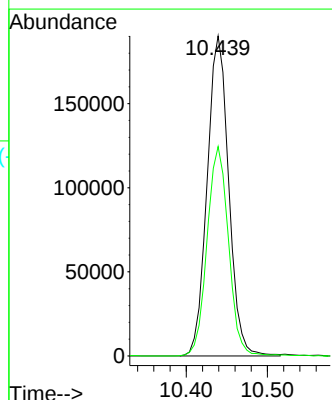
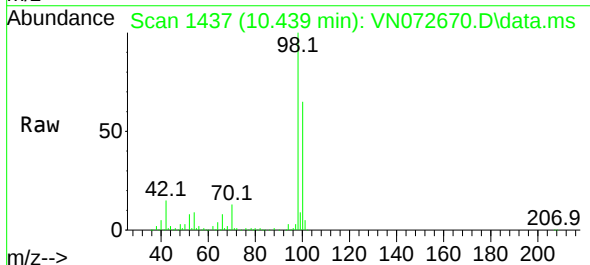
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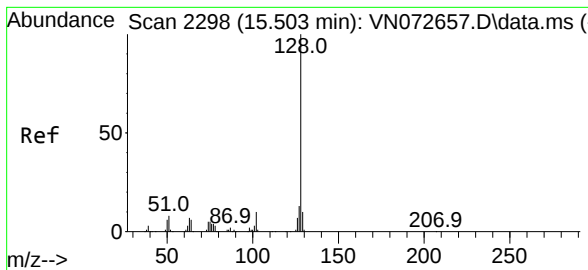
Tgt Ion: 95 Resp: 104783
Ion Ratio Lower Upper
95 100
174 65.4 62.9 94.3
176 61.0 61.0 91.4



#63
Toluene-d8
Concen: 31.728 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072670.D
Acq: 06 Jun 2022 18:17

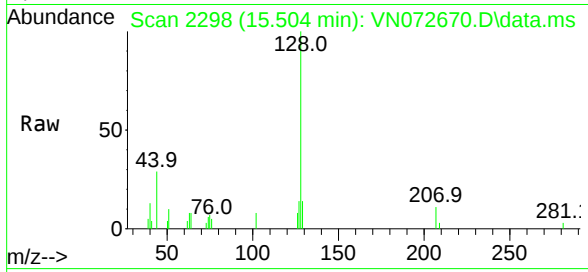
Tgt Ion: 98 Resp: 351430
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0





#91
Naphthalene
Concen: 1.188 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072670.D
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Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion:	128	Resp:	12737
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.7	16.1
129	9.8	9.0	13.6

