

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084077.D
 Acq On : 20 Sep 2024 17:57
 Operator : JC\MD
 Sample : P4093-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Sep 20 23:30:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

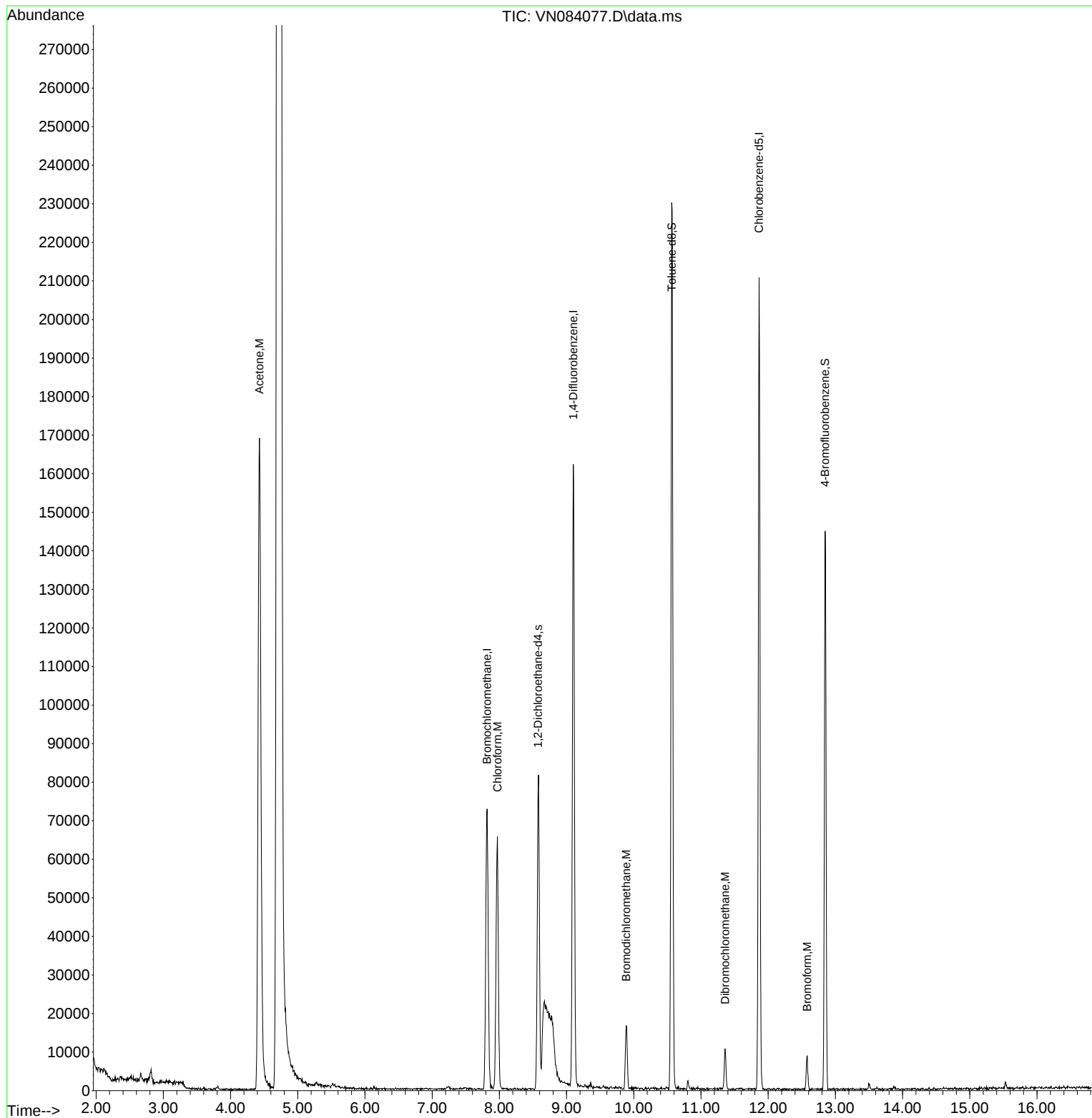
Internal Standards						
1) Bromochloromethane	7.818	128	24570	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	130422	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	113197	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68979	30.714	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.367%
60) 4-Bromofluorobenzene	12.847	95	49954	25.605	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.367%
63) Toluene-d8	10.565	98	156068	29.776	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	95319	385.553	ug/l #	56
25) Chloroform	7.971	83	61150	18.688	ug/l	100
41) Bromodichloromethane	9.888	83	11904	5.125	ug/l	93
53) Dibromochloromethane	11.359	129	5943	3.565	ug/l	98
56) Bromoform	12.582	173	4031	3.806	ug/l #	95

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

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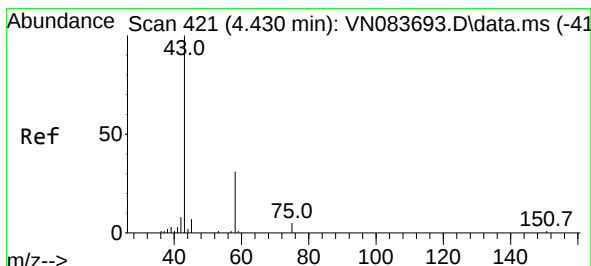
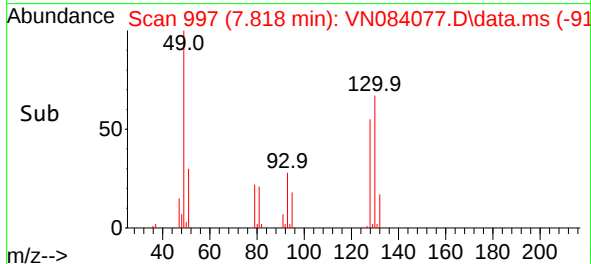
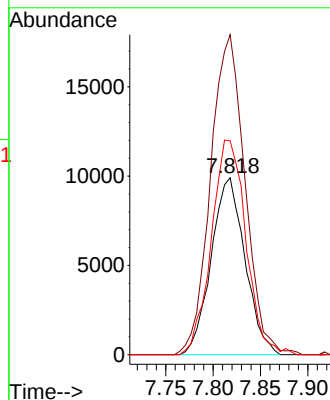
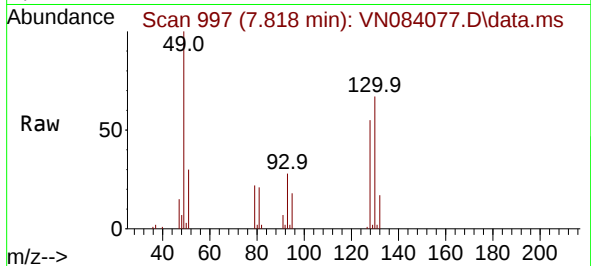




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

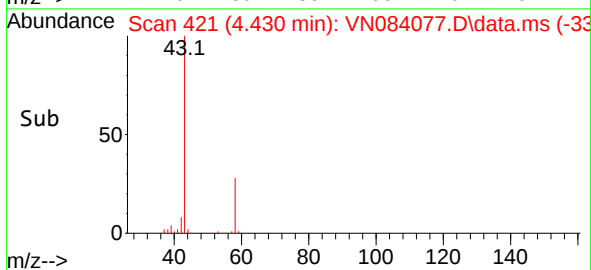
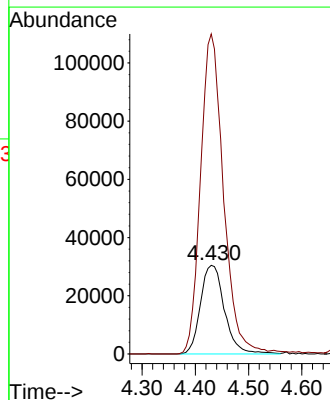
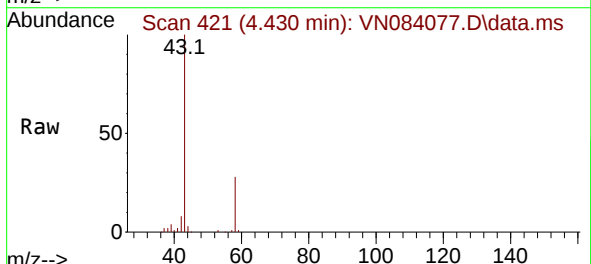
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

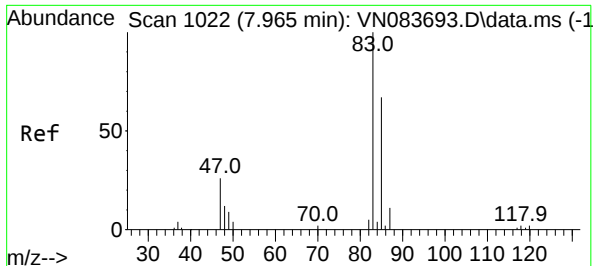
Tgt Ion:128 Resp: 24570
Ion Ratio Lower Upper
128 100
49 183.6 0.0 403.7
130 123.4 0.0 323.3



#15
Acetone
Concen: 385.553 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

Tgt Ion: 58 Resp: 95319
Ion Ratio Lower Upper
58 100
43 360.4 223.1 334.7#

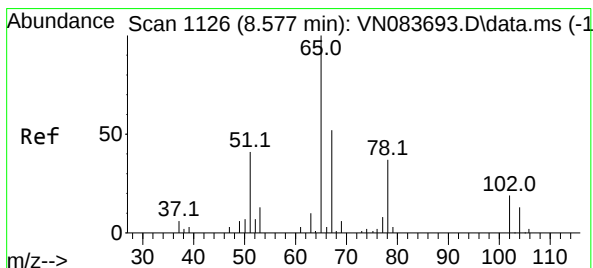
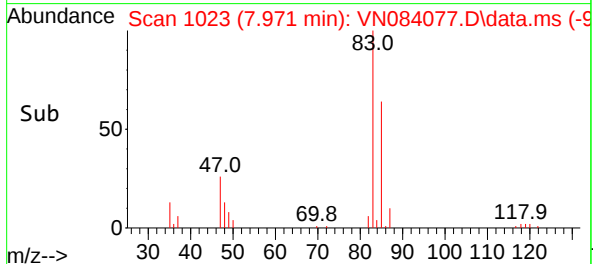
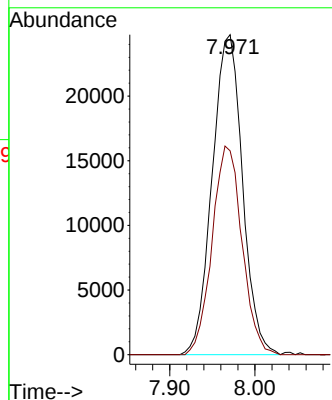
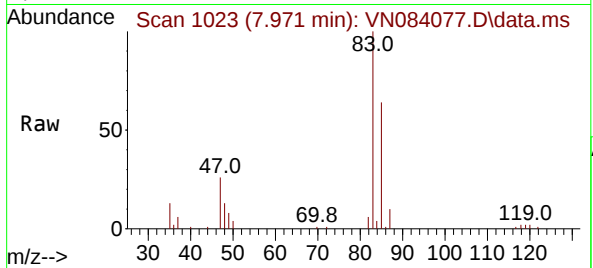




#25
Chloroform
Concen: 18.688 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

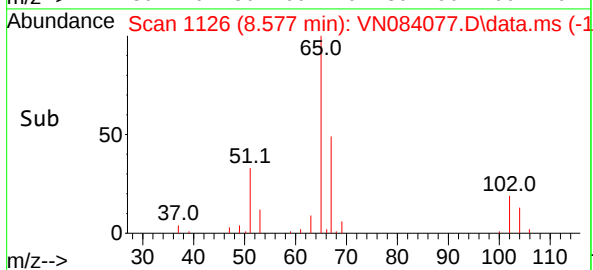
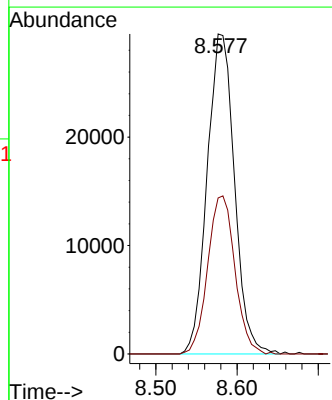
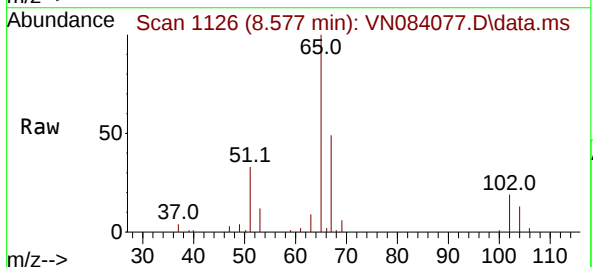
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

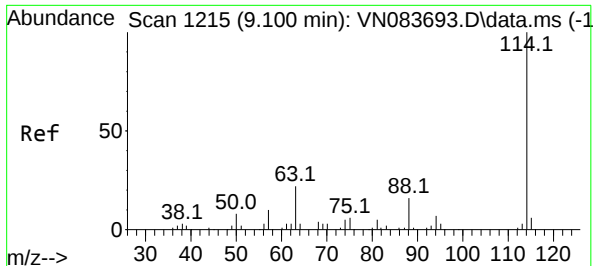
Tgt Ion: 83 Resp: 61150
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 30.714 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

Tgt Ion: 65 Resp: 68979
Ion Ratio Lower Upper
65 100
67 49.2 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084077.D

Acq: 20 Sep 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

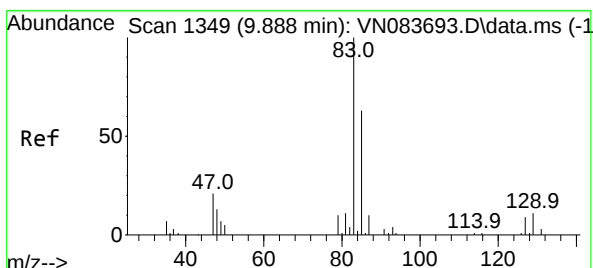
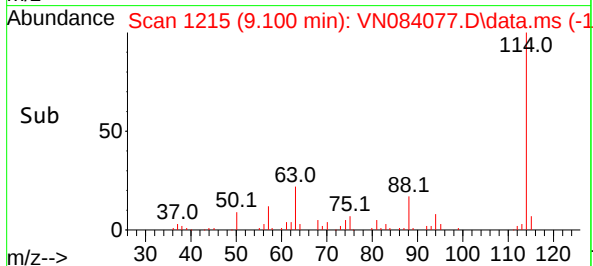
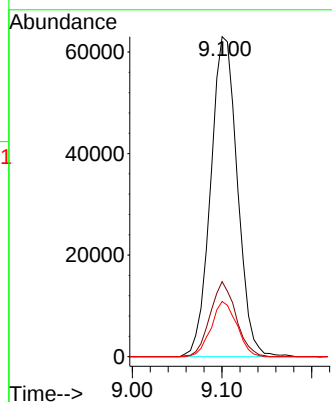
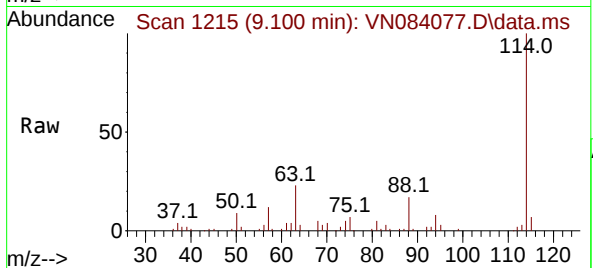
Tgt Ion:114 Resp: 130422

Ion Ratio Lower Upper

114 100

63 22.6 15.9 23.9

88 16.6 12.7 19.1



#41

Bromodichloromethane

Concen: 5.125 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN084077.D

Acq: 20 Sep 2024 17:57

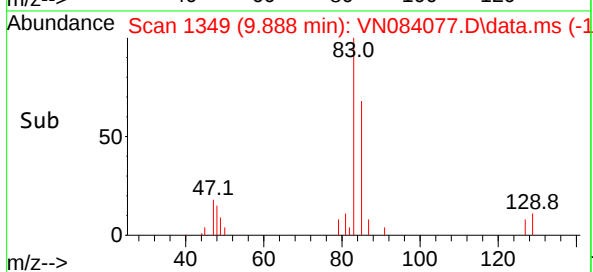
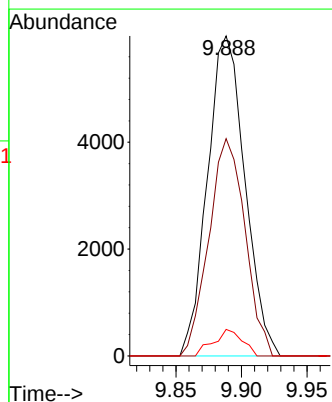
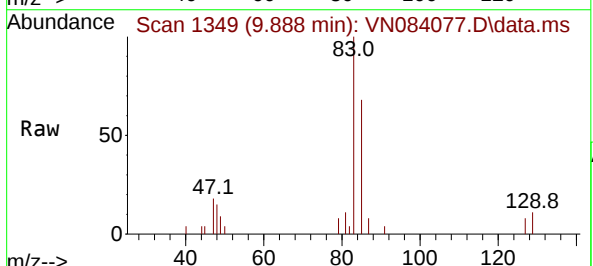
Tgt Ion: 83 Resp: 11904

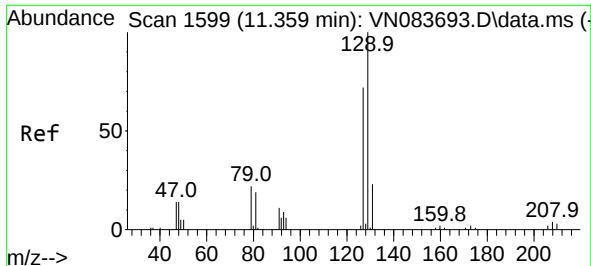
Ion Ratio Lower Upper

83 100

85 67.9 49.4 74.2

127 8.3 7.3 10.9

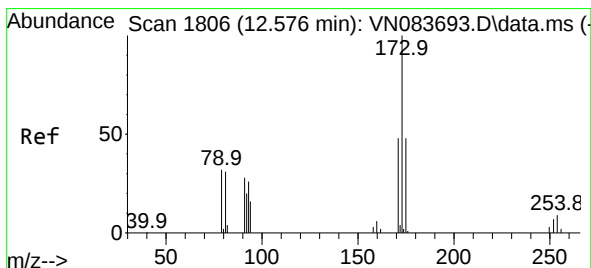
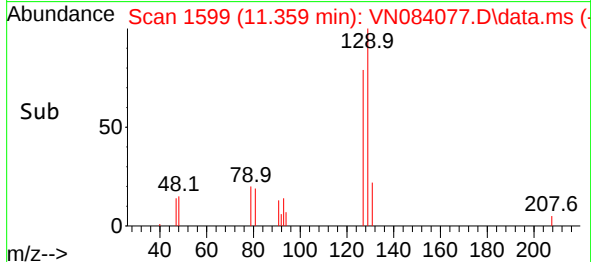
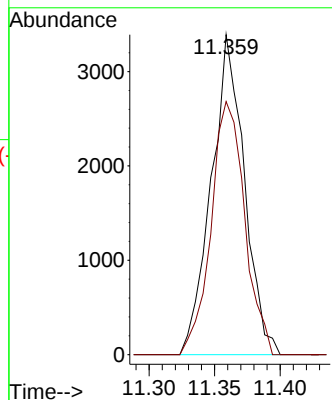
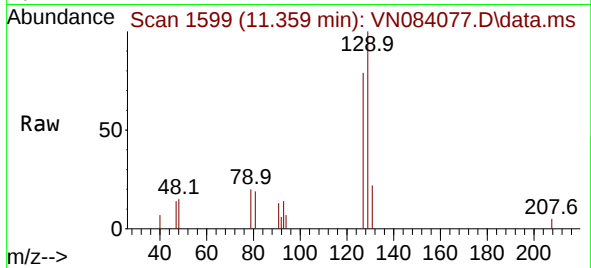




#53
Dibromochloromethane
Concen: 3.565 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

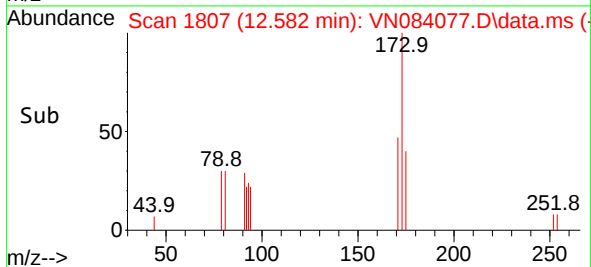
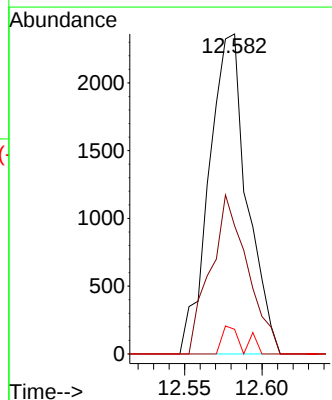
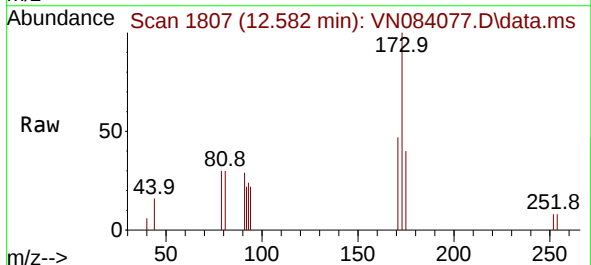
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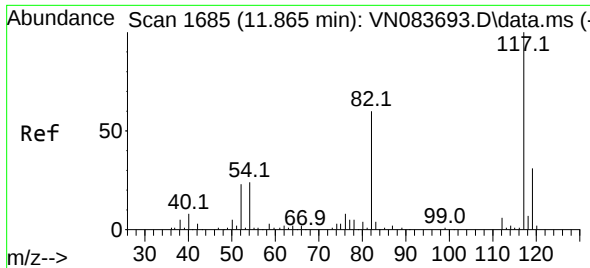
Tgt Ion:129 Resp: 5943
Ion Ratio Lower Upper
129 100
127 80.4 39.4 118.1



#56
Bromoform
Concen: 3.806 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

Tgt Ion:173 Resp: 4031
Ion Ratio Lower Upper
173 100
175 48.3 40.0 60.0
254 3.4 8.3 12.5#

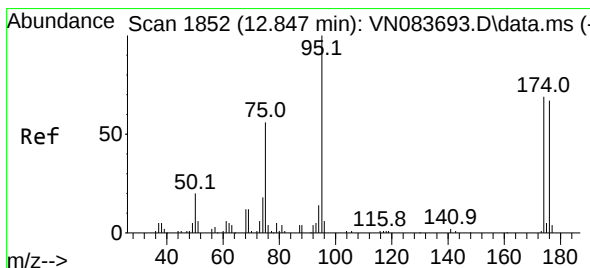
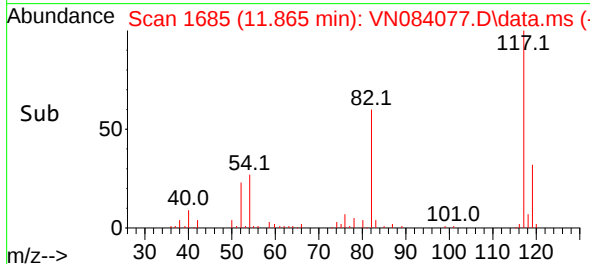
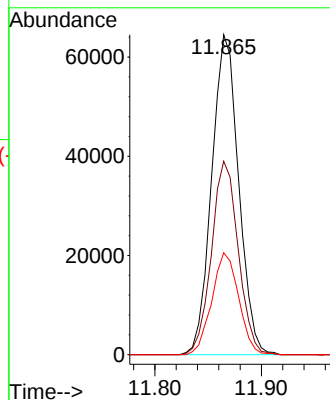
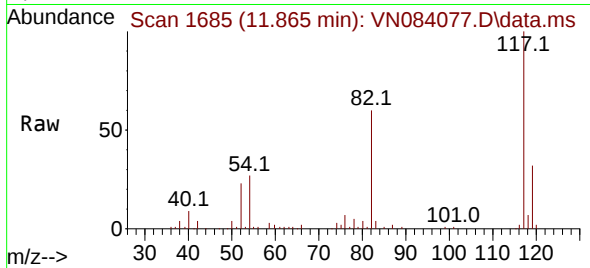




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

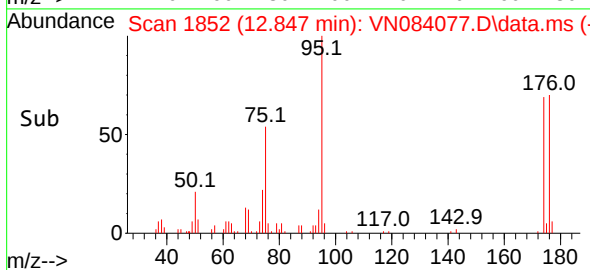
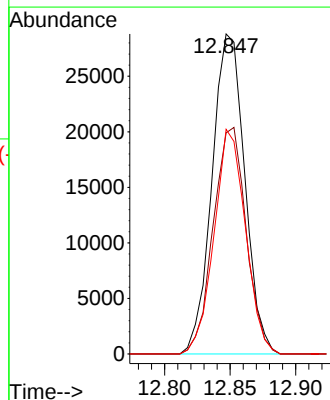
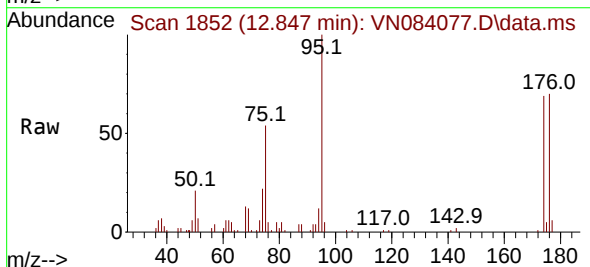
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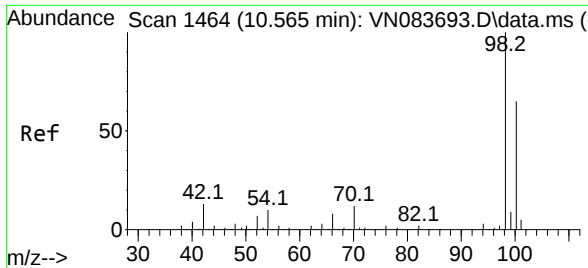
Tgt Ion:117 Resp: 113197
Ion Ratio Lower Upper
117 100
82 60.1 46.6 69.8
119 31.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.605 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084077.D
Acq: 20 Sep 2024 17:57

Tgt Ion: 95 Resp: 49954
Ion Ratio Lower Upper
95 100
174 71.3 60.5 90.7
176 67.4 57.8 86.6





#63
 Toluene-d8
 Concen: 29.776 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN084077.D
 Acq: 20 Sep 2024 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Tgt Ion: 98 Resp: 156068
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.7 79.1

