

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081158.D
 Acq On : 23 Feb 2024 13:03
 Operator : JC\MD
 Sample : P1562-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Feb 24 00:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

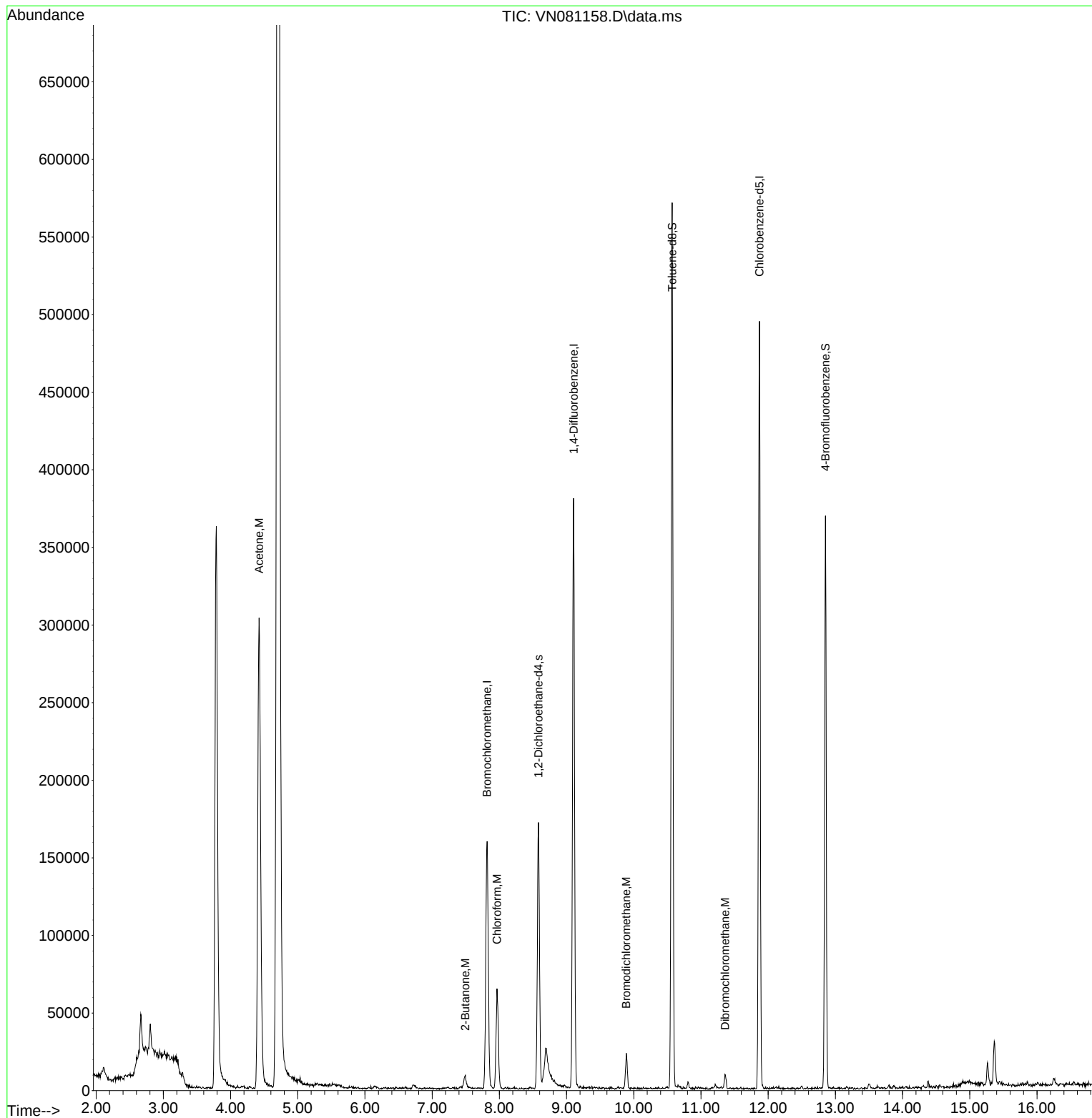
Internal Standards						
1) Bromochloromethane	7.818	128	57380	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	329025	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	285019	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	134518	31.199	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.000%
60) 4-Bromofluorobenzene	12.853	95	123615	28.370	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.567%
63) Toluene-d8	10.571	98	388630	30.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.267%
Target Compounds						
15) Acetone	4.424	58	181461	535.346	ug/l	Qvalue 85
25) Chloroform	7.965	83	56845	8.089	ug/l	97
30) 2-Butanone	7.494	43	11513	6.403	ug/l #	78
41) Bromodichloromethane	9.888	83	14366	2.716	ug/l	97
53) Dibromochloromethane	11.359	129	5099	1.251	ug/l	94

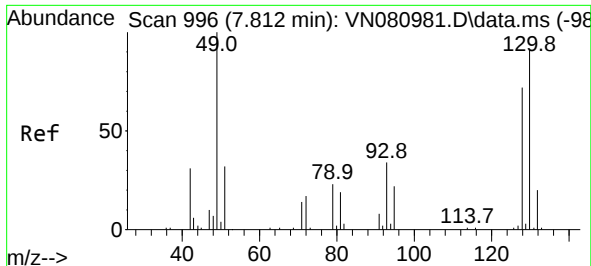
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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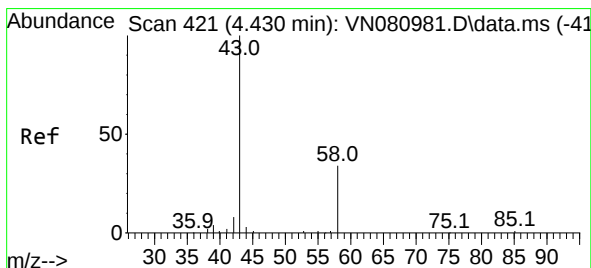
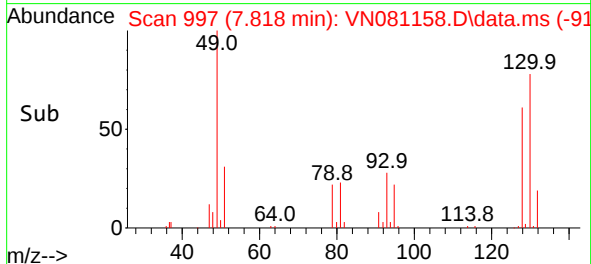
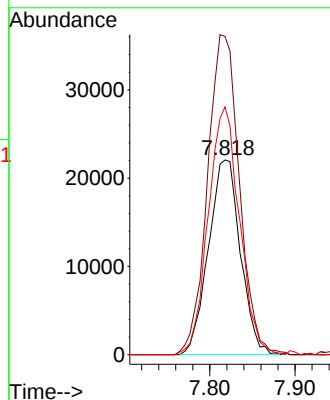
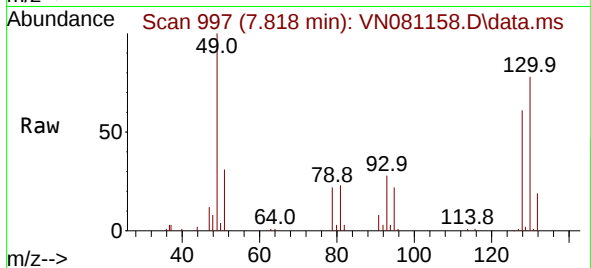




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

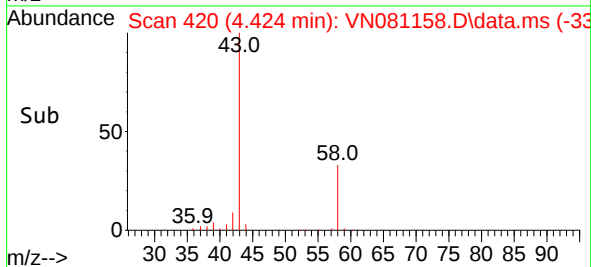
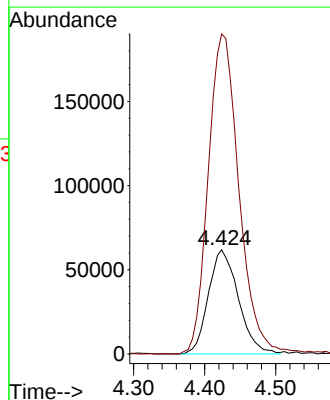
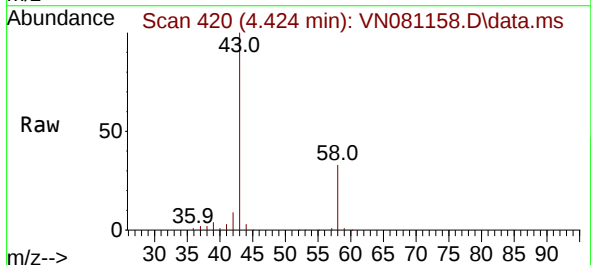
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

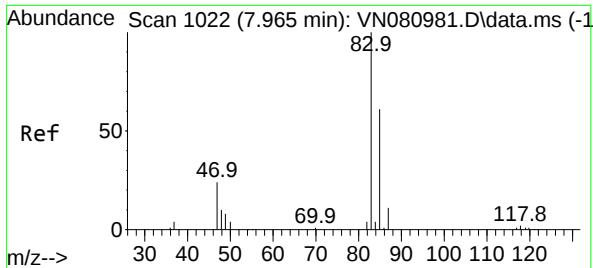
Tgt Ion:128 Resp: 57380
Ion Ratio Lower Upper
128 100
49 164.1 0.0 403.7
130 124.8 0.0 323.3



#15
Acetone
Concen: 535.346 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

Tgt Ion: 58 Resp: 181461
Ion Ratio Lower Upper
58 100
43 306.7 223.1 334.7

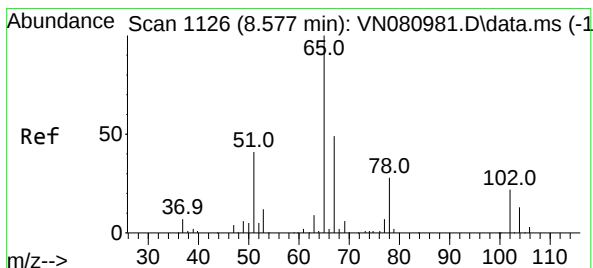
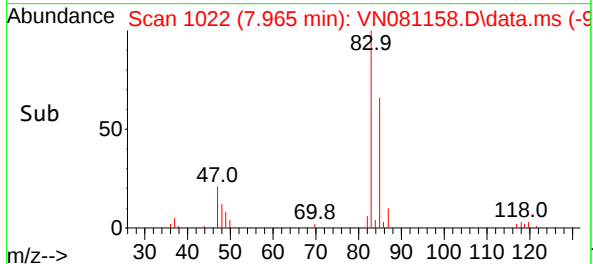
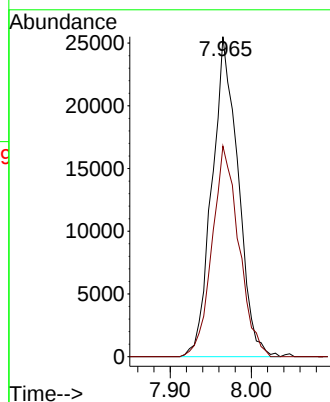
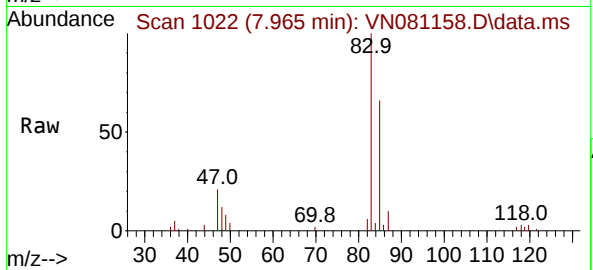




#25
Chloroform
Concen: 8.089 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

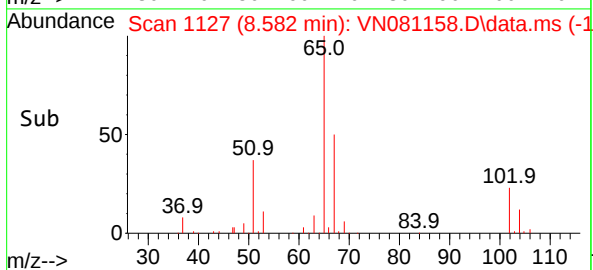
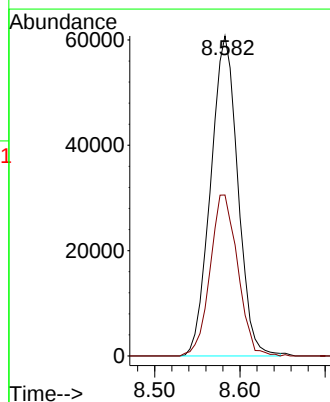
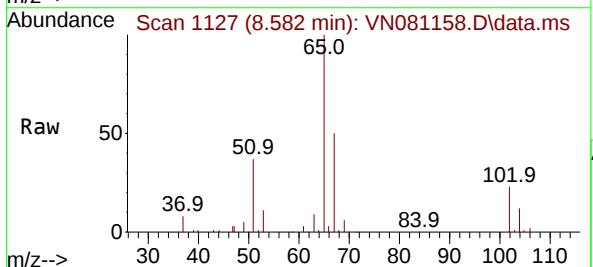
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

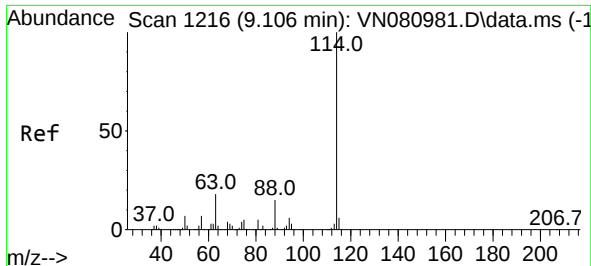
Tgt Ion: 83 Resp: 56845
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 31.199 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

Tgt Ion: 65 Resp: 134518
Ion Ratio Lower Upper
65 100
67 50.7 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081158.D

Acq: 23 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

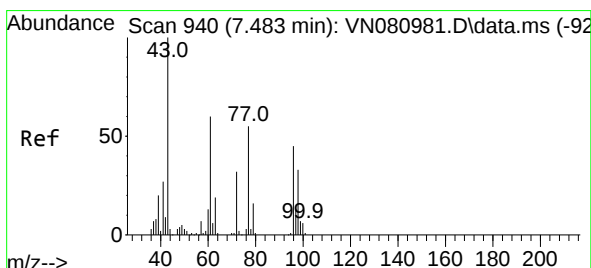
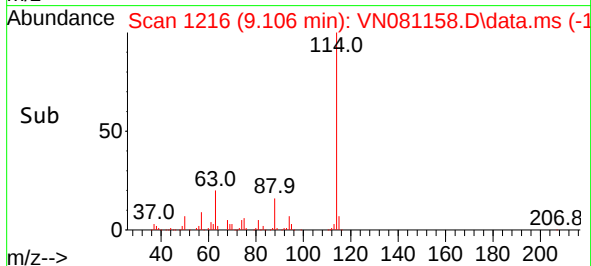
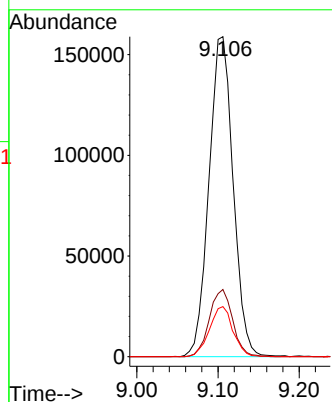
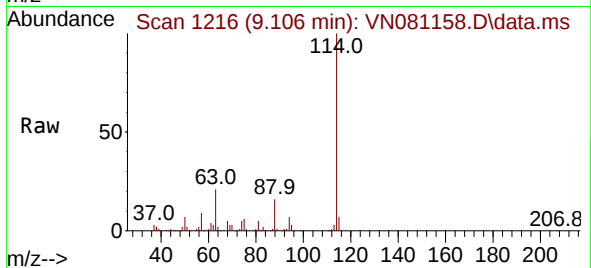
Tgt Ion:114 Resp: 329025

Ion Ratio Lower Upper

114 100

63 20.2 15.9 23.9

88 15.2 12.7 19.1



#30

2-Butanone

Concen: 6.403 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN081158.D

Acq: 23 Feb 2024 13:03

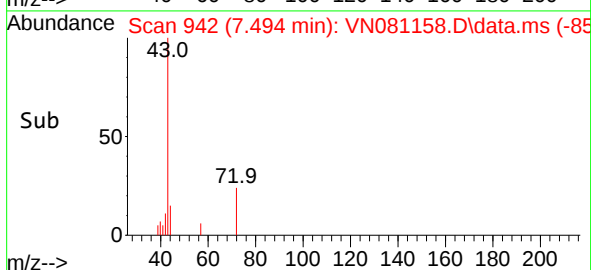
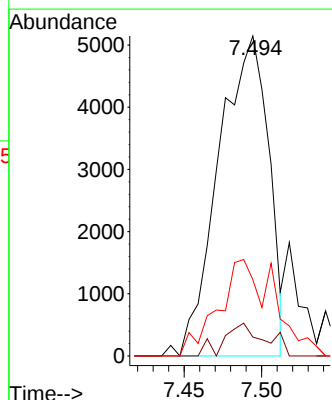
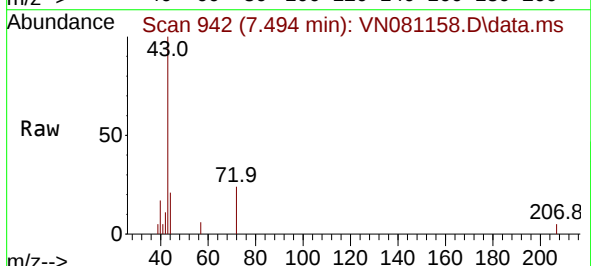
Tgt Ion: 43 Resp: 11513

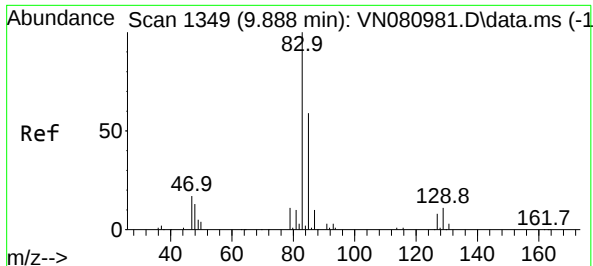
Ion Ratio Lower Upper

43 100

57 6.3 6.7 10.1#

72 15.5 24.0 36.0#

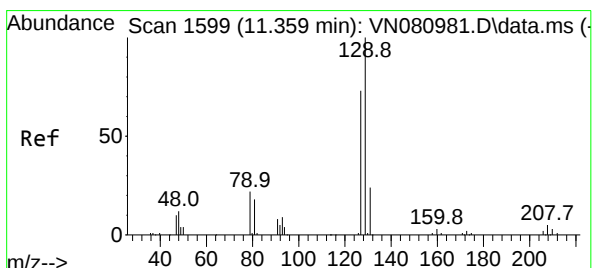
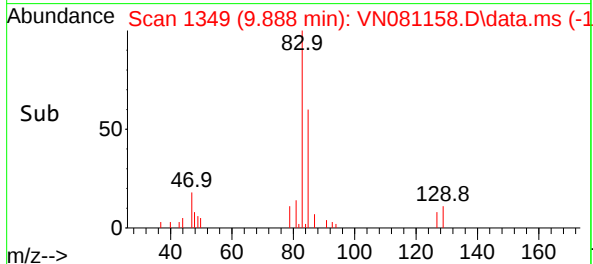
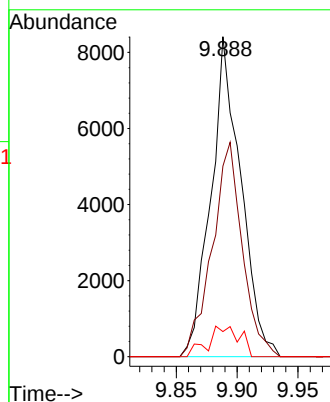
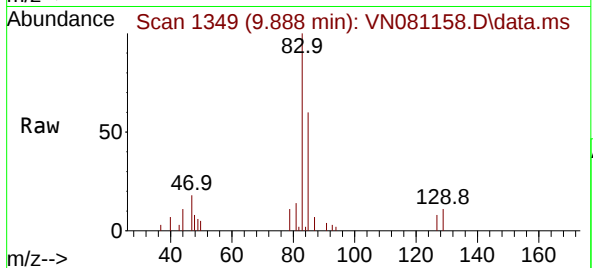




#41
Bromodichloromethane
Concen: 2.716 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

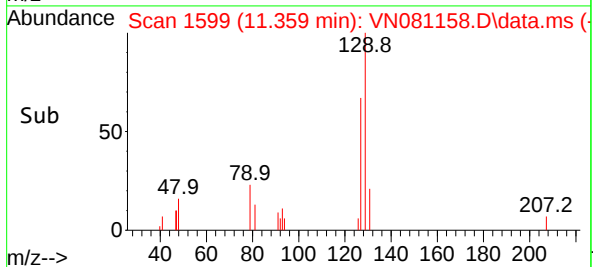
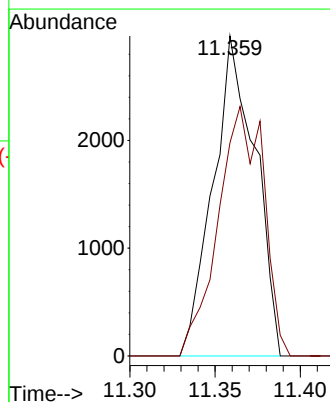
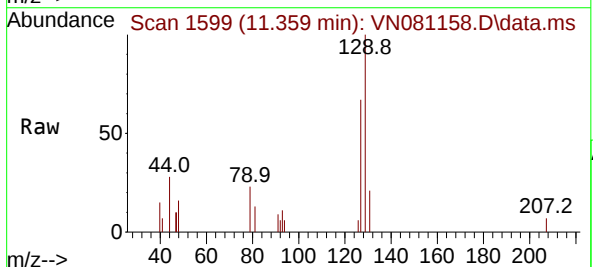
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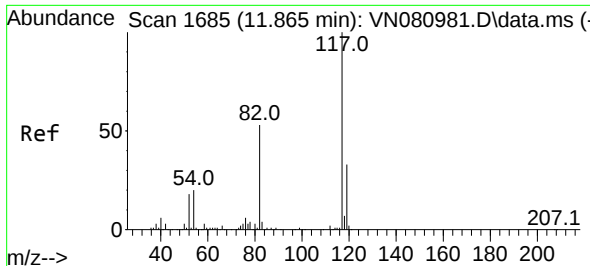
Tgt Ion: 83 Resp: 14366
Ion Ratio Lower Upper
83 100
85 59.5 49.4 74.2
127 7.8 7.3 10.9



#53
Dibromochloromethane
Concen: 1.251 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

Tgt Ion: 129 Resp: 5099
Ion Ratio Lower Upper
129 100
127 84.3 39.4 118.1

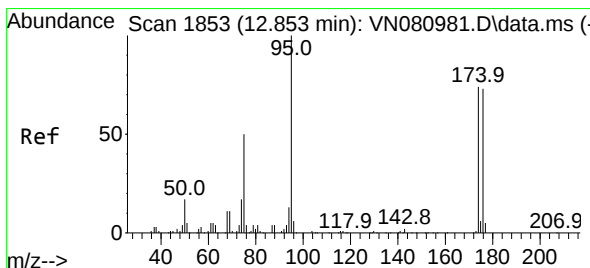
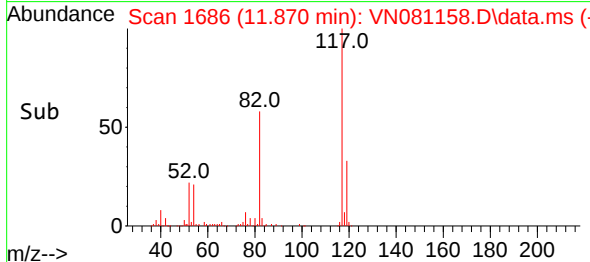
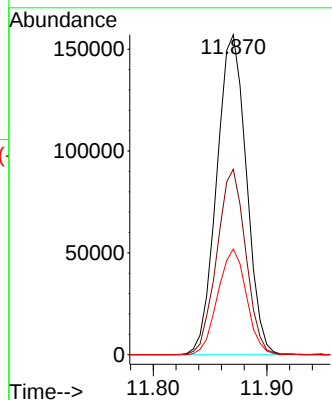
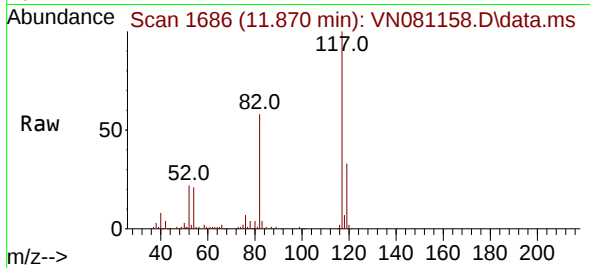




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

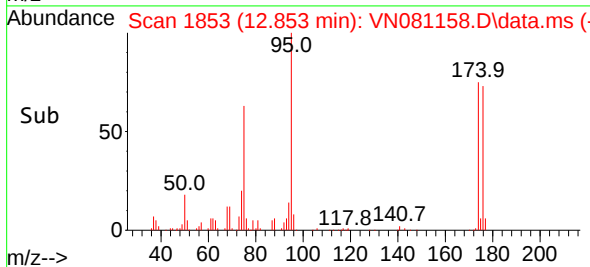
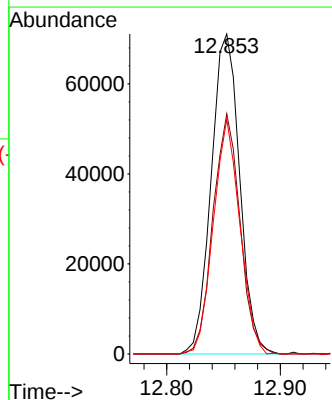
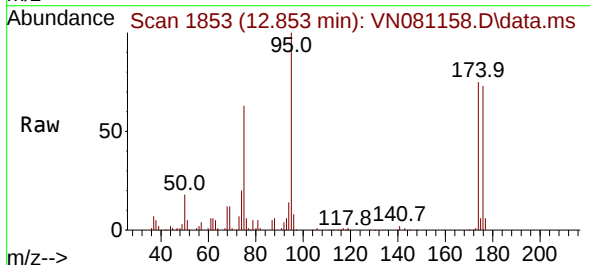
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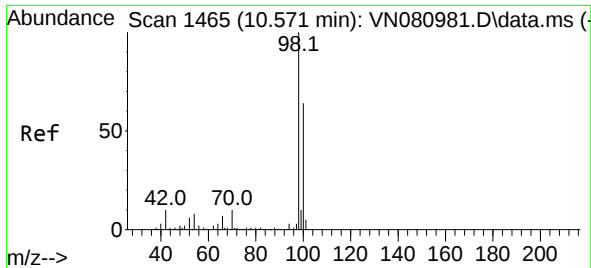
Tgt Ion:	117	Resp:	285019
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.6	69.8
119	31.9	25.4	38.2



#60
4-Bromofluorobenzene
Concen: 28.370 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

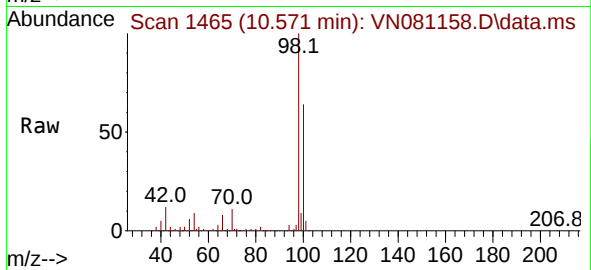
Tgt Ion:	95	Resp:	123615
Ion	Ratio	Lower	Upper
95	100		
174	71.3	60.5	90.7
176	68.4	57.8	86.6





#63
Toluene-d8
Concen: 30.384 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN081158.D
Acq: 23 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001



Tgt Ion: 98 Resp: 388630
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

