

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087875.D
 Acq On : 17 Sep 2025 13:32
 Operator : JC\MD
 Sample : Q3120-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Sep 18 03:10:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

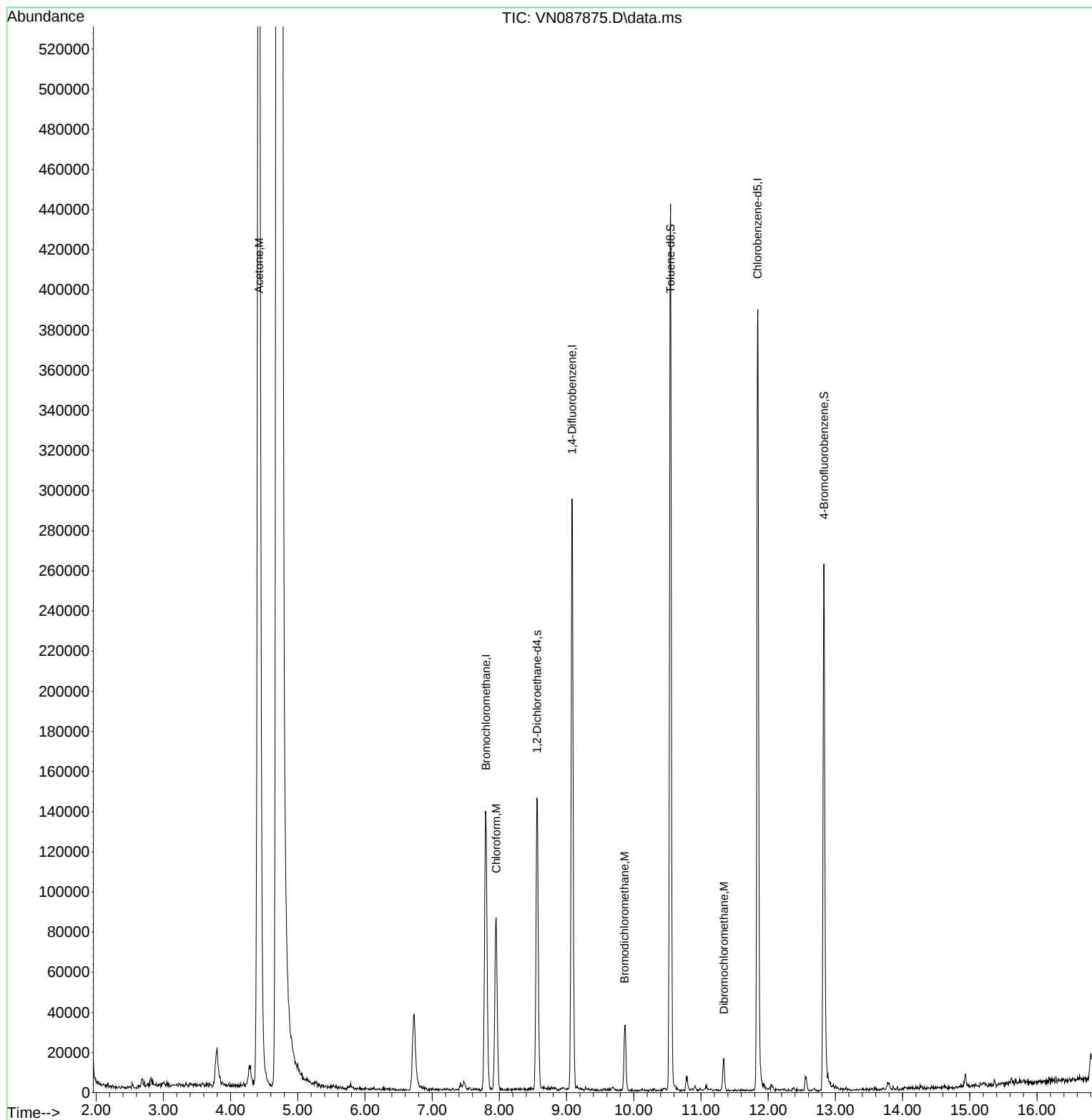
Internal Standards						
1) Bromochloromethane	7.800	128	49388	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	249408	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	226027	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	122837	29.116	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.067%
60) 4-Bromofluorobenzene	12.829	95	95958	26.403	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.000%
63) Toluene-d8	10.547	98	298020	28.352	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.500%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	452331	732.949	ug/l	94
25) Chloroform	7.953	83	82870	12.910	ug/l	93
41) Bromodichloromethane	9.865	83	22640	4.436	ug/l	99
53) Dibromochloromethane	11.341	129	8362	2.313	ug/l	94

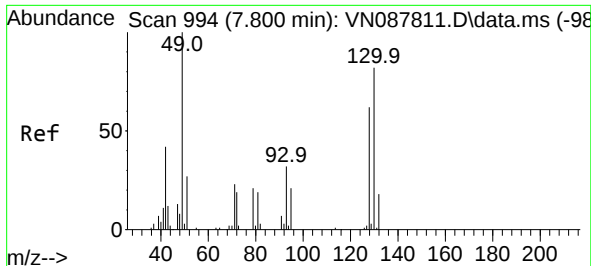
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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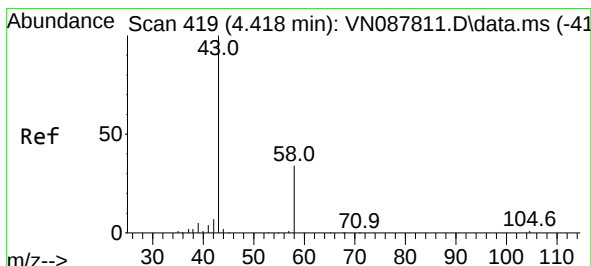
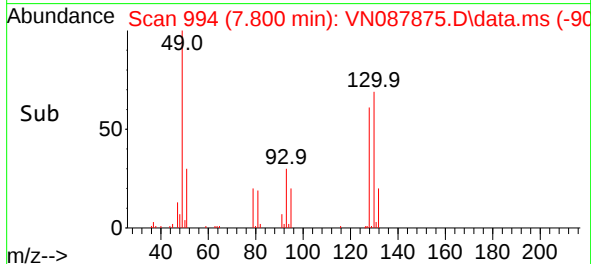
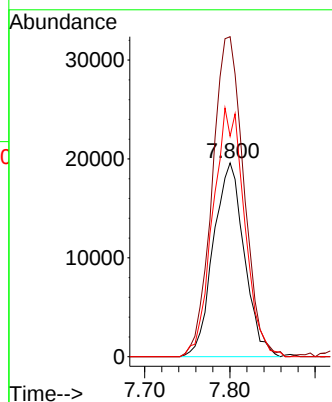
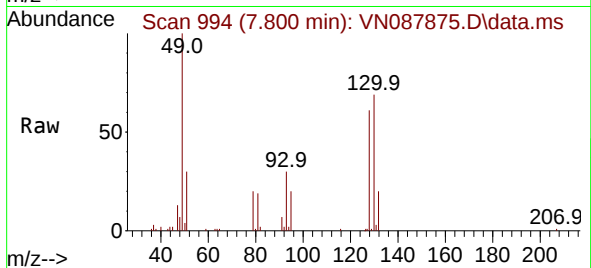




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

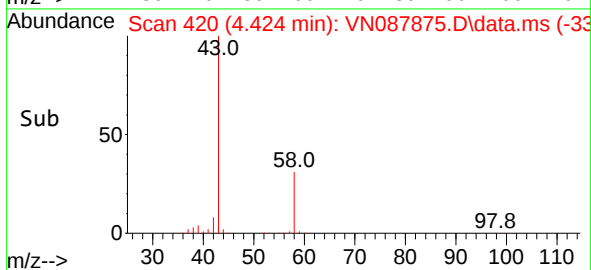
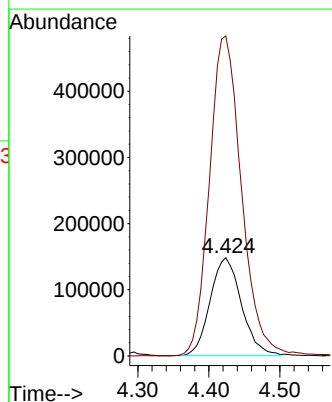
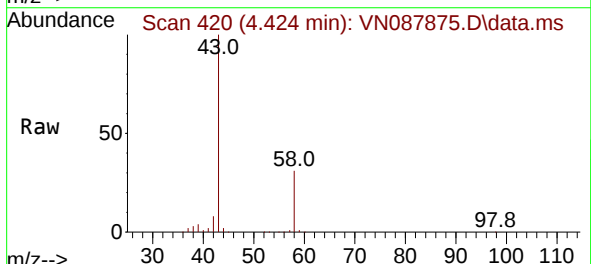
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

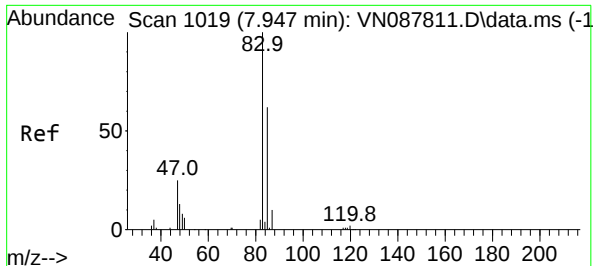
Tgt Ion:128 Resp: 49388
Ion Ratio Lower Upper
128 100
49 168.4 0.0 464.3
130 131.8 0.0 300.5



#15
Acetone
Concen: 732.949 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

Tgt Ion: 58 Resp: 452331
Ion Ratio Lower Upper
58 100
43 325.9 250.6 376.0





#25

Chloroform

Concen: 12.910 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN087875.D

Acq: 17 Sep 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

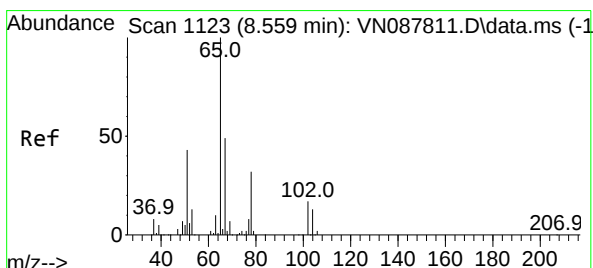
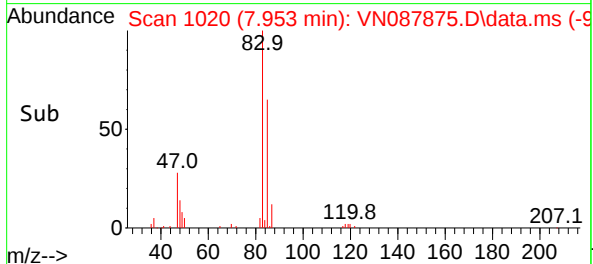
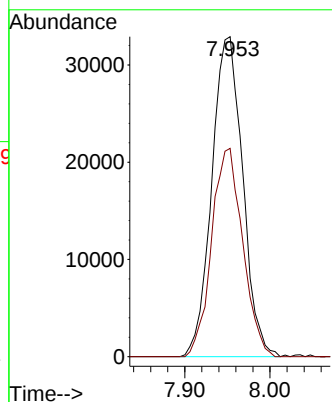
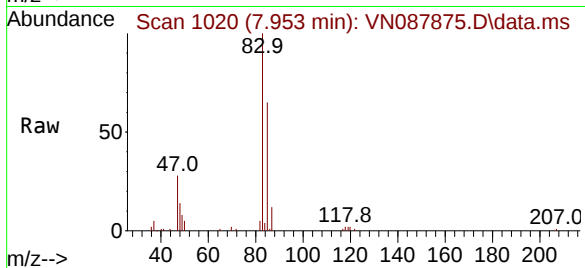
OUTFALL-DSN-001

Tgt Ion: 83 Resp: 82870

Ion Ratio Lower Upper

83 100

85 65.1 47.7 71.5



#27

1,2-Dichloroethane-d4

Concen: 29.116 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087875.D

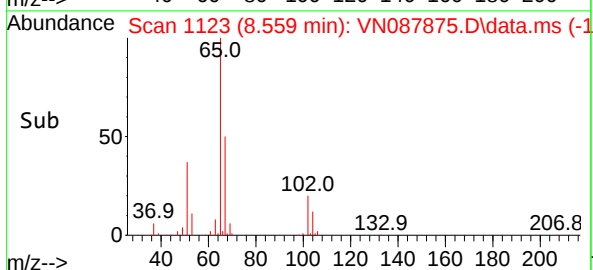
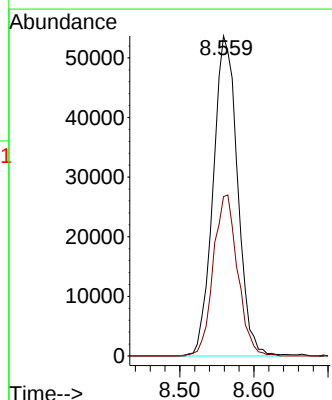
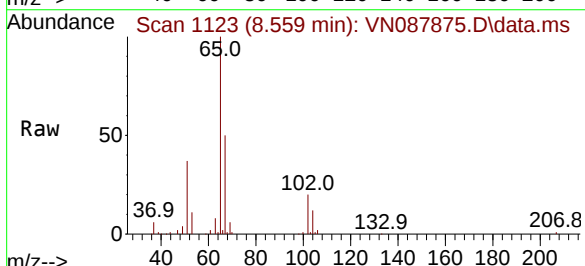
Acq: 17 Sep 2025 13:32

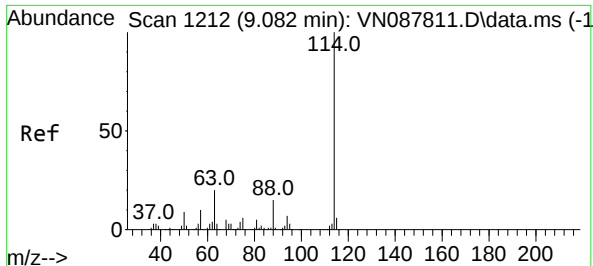
Tgt Ion: 65 Resp: 122837

Ion Ratio Lower Upper

65 100

67 50.1 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087875.D

Acq: 17 Sep 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

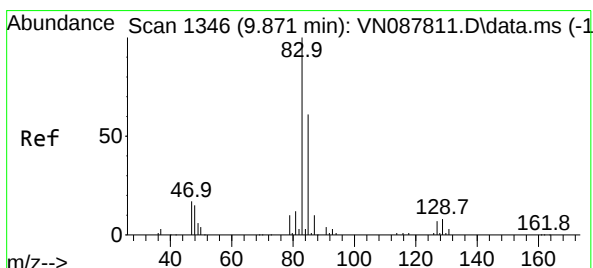
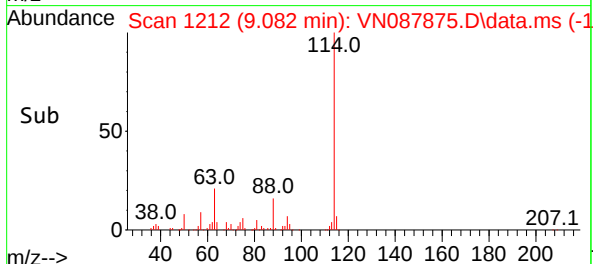
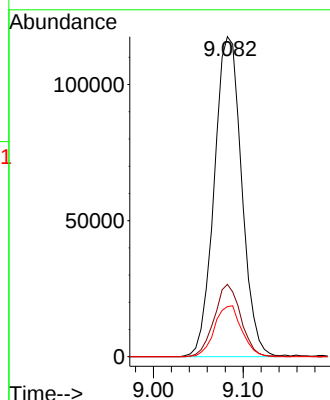
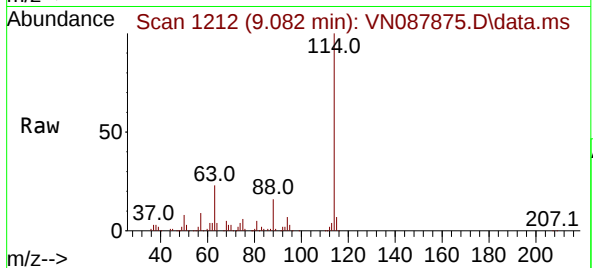
Tgt Ion:114 Resp: 249408

Ion Ratio Lower Upper

114 100

63 21.8 18.3 27.5

88 15.8 12.4 18.6



#41

Bromodichloromethane

Concen: 4.436 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN087875.D

Acq: 17 Sep 2025 13:32

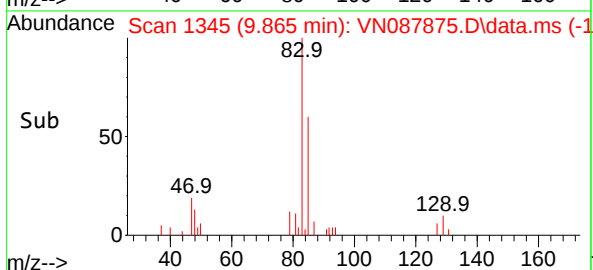
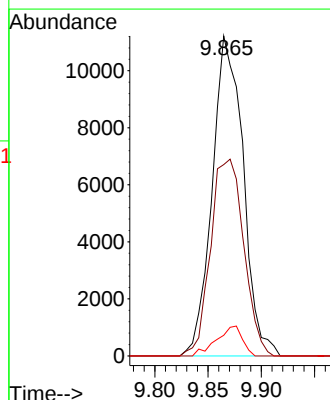
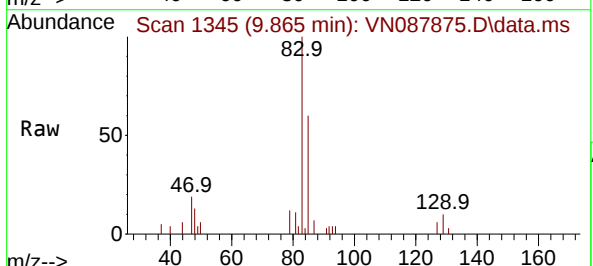
Tgt Ion: 83 Resp: 22640

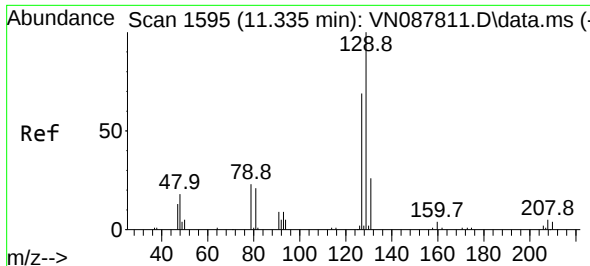
Ion Ratio Lower Upper

83 100

85 59.8 47.3 70.9

127 6.5 5.2 7.8

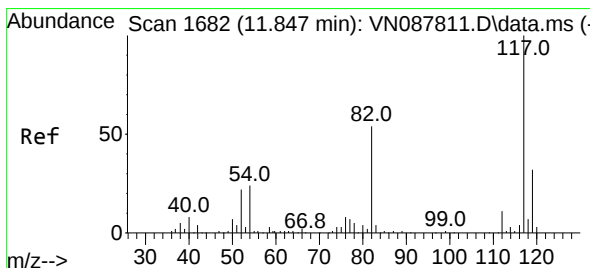
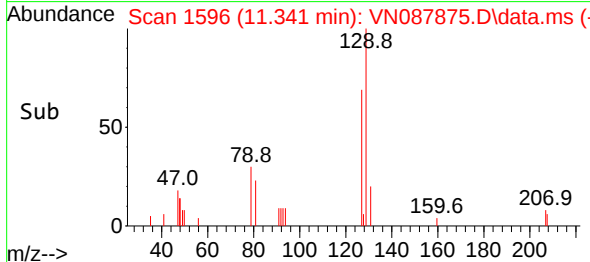
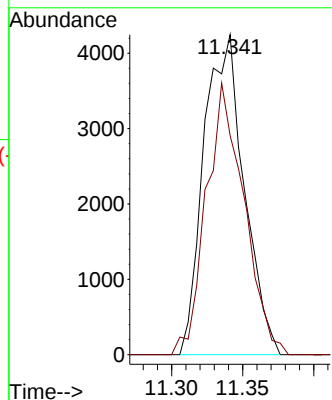
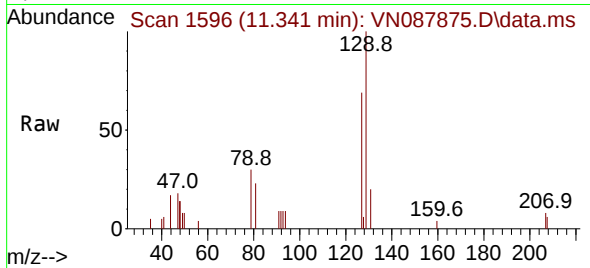




#53
Dibromochloromethane
Concen: 2.313 ug/l
RT: 11.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

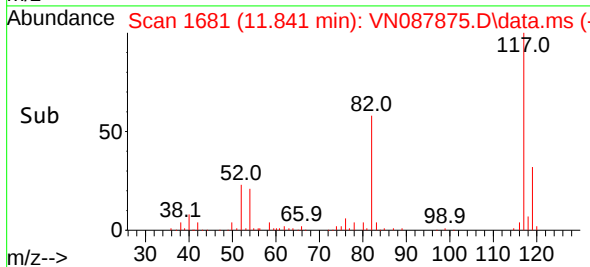
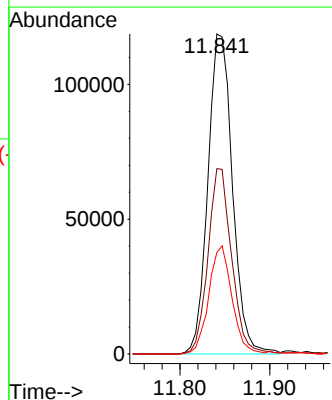
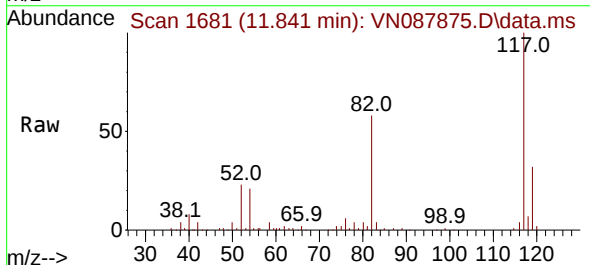
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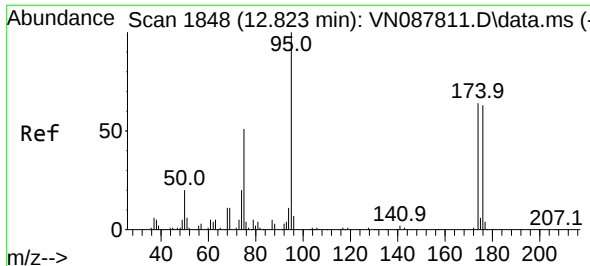
Tgt Ion:129 Resp: 8362
Ion Ratio Lower Upper
129 100
127 79.7 42.6 128.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

Tgt Ion:117 Resp: 226027
Ion Ratio Lower Upper
117 100
82 55.9 45.9 68.9
119 31.8 25.3 37.9

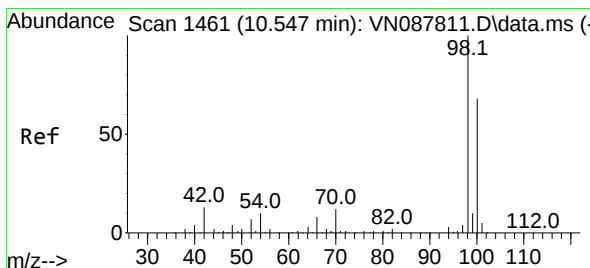
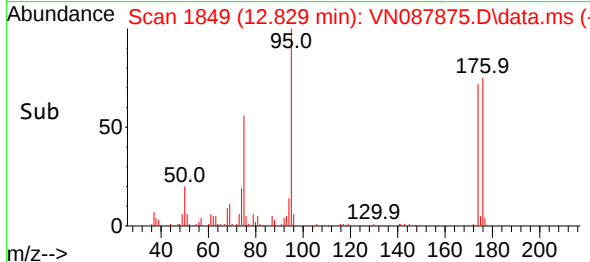
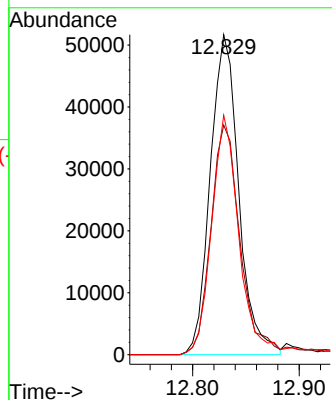
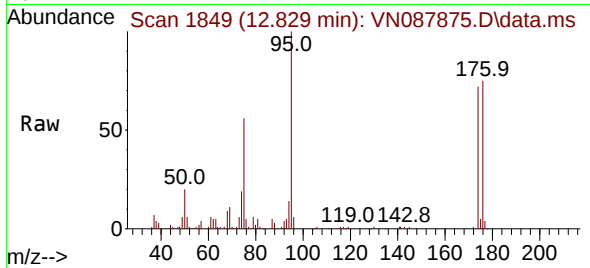




#60
4-Bromofluorobenzene
Concen: 26.403 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 95 Resp: 95958
Ion Ratio Lower Upper
95 100
174 71.4 55.4 83.0
176 71.2 51.5 77.3



#63
Toluene-d8
Concen: 28.352 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087875.D
Acq: 17 Sep 2025 13:32

Tgt Ion: 98 Resp: 298020
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0

