

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086293.D
 Acq On : 16 Apr 2025 13:38
 Operator : JC\MD
 Sample : Q1812-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSE-EB-TANK-041525

Quant Time: Apr 17 03:06:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

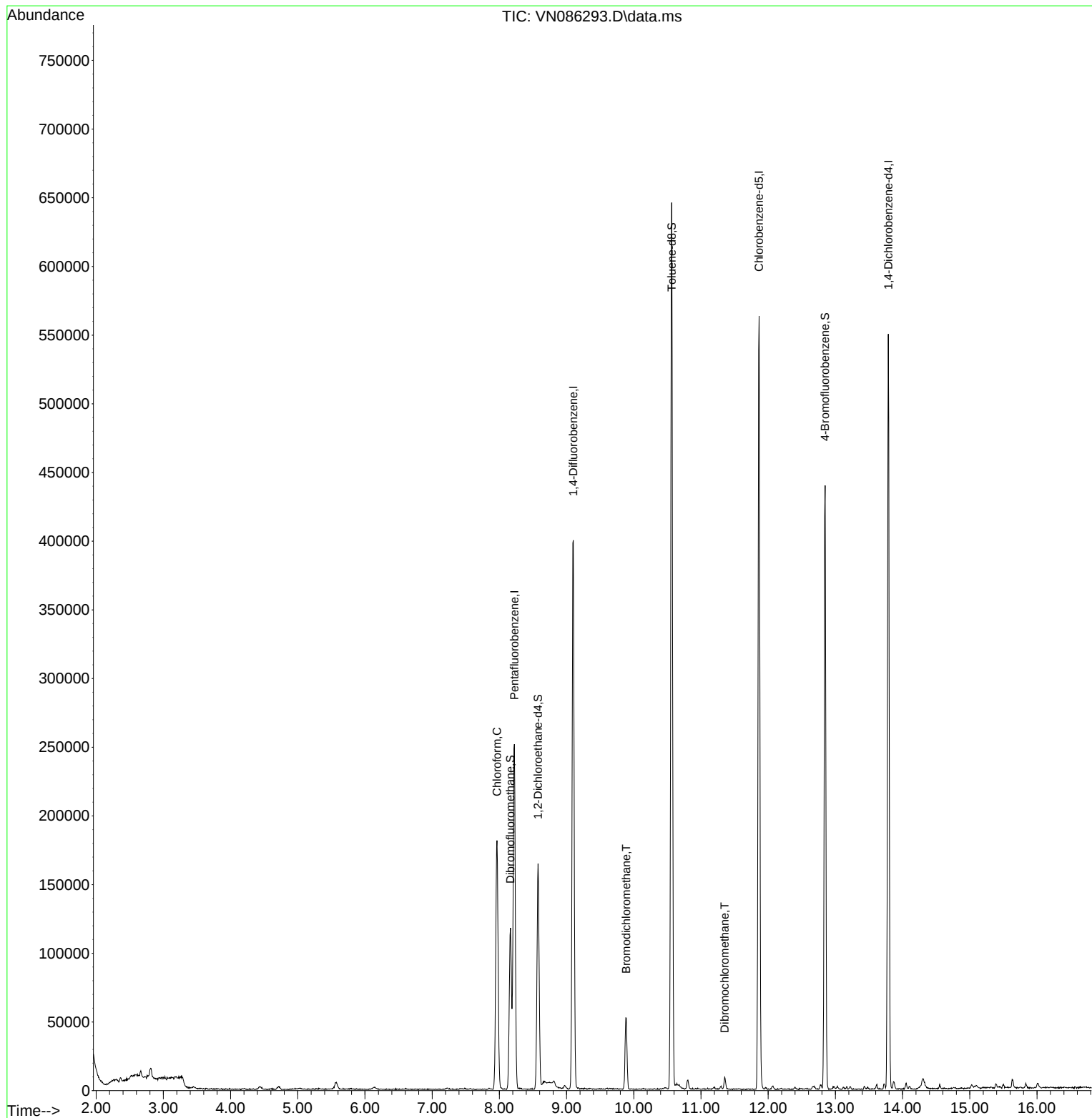
Internal Standards						
1) Pentafluorobenzene	8.224	168	187101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133897	49.351	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.165	113	89240	53.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.180%
50) Toluene-d8	10.565	98	448849	50.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	163259	50.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.600%
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	180293	40.846	ug/l	99
47) Bromodichloromethane	9.888	83	38322	10.676	ug/l	95
60) Dibromochloromethane	11.353	129	5154	1.962	ug/l	98

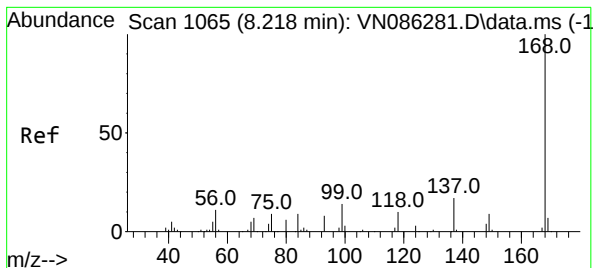
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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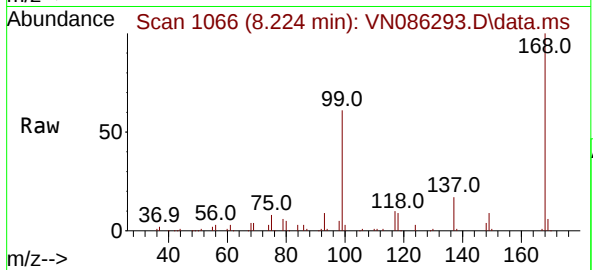
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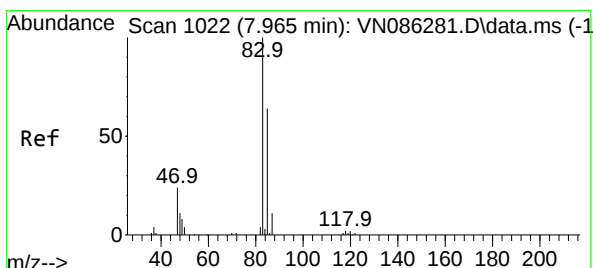
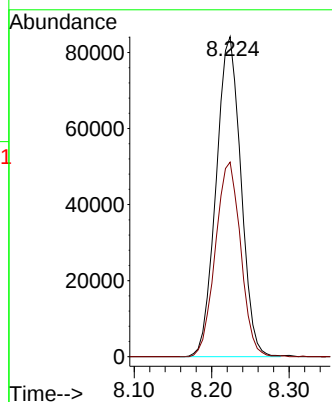
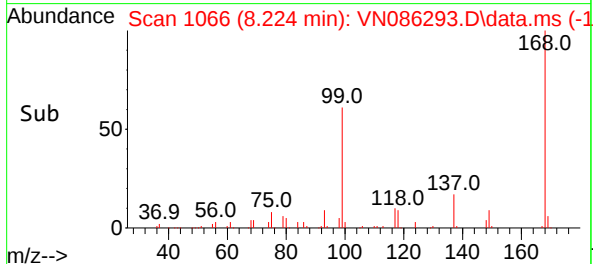


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
RINSE-EB-TANK-041525

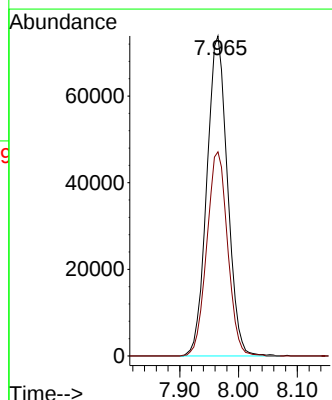
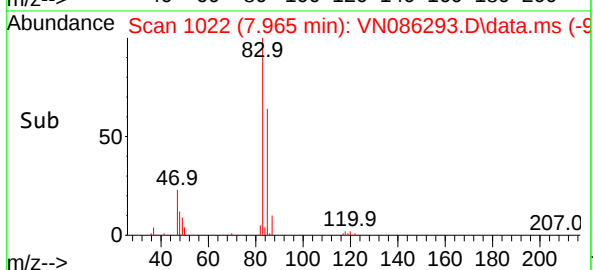
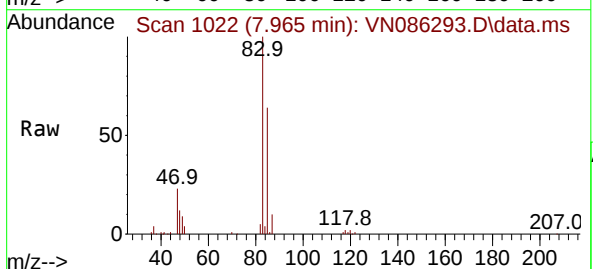


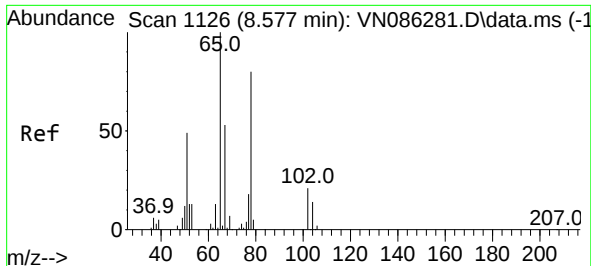
Tgt Ion:168 Resp: 187101
Ion Ratio Lower Upper
168 100
99 60.8 52.5 78.7



#30
Chloroform
Concen: 40.846 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

Tgt Ion: 83 Resp: 180293
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 49.351 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086293.D

Acq: 16 Apr 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

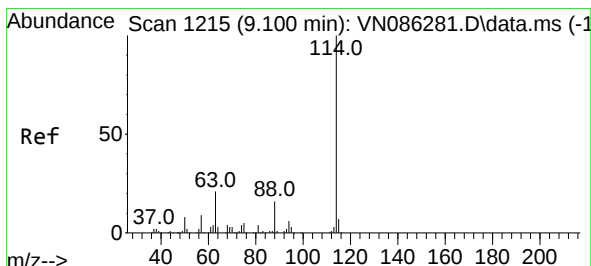
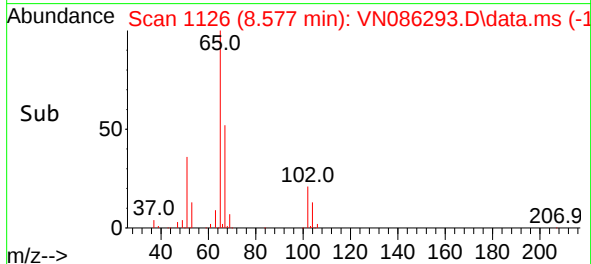
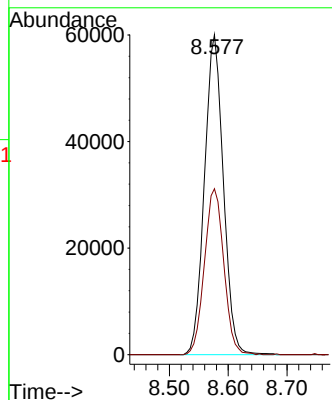
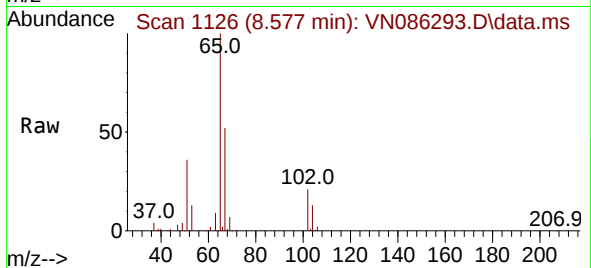
RINSE-EB-TANK-041525

Tgt Ion: 65 Resp: 133897

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086293.D

Acq: 16 Apr 2025 13:38

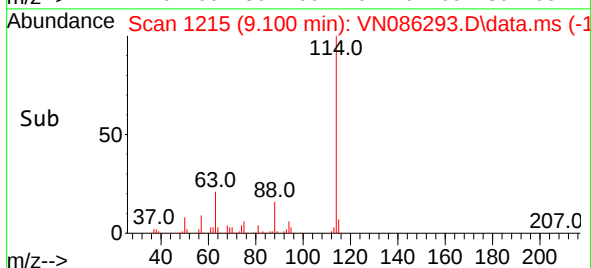
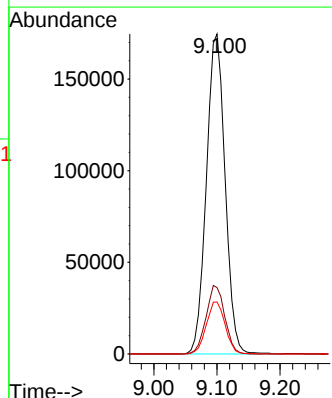
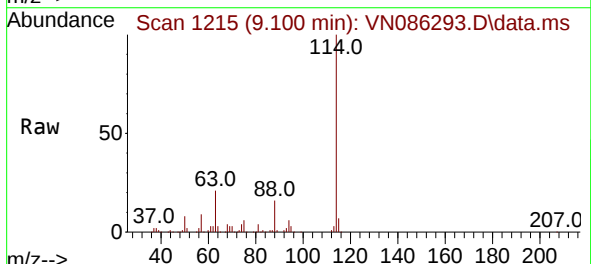
Tgt Ion: 114 Resp: 358779

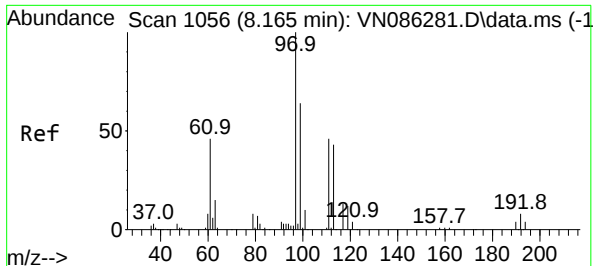
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.593 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086293.D

Acq: 16 Apr 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

RINSE-EB-TANK-041525

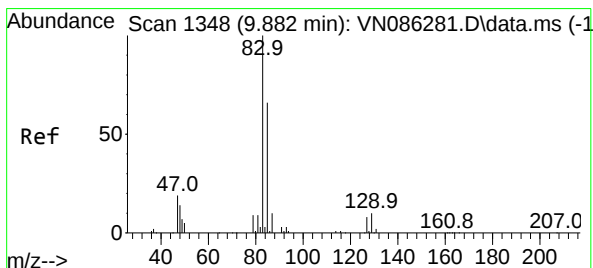
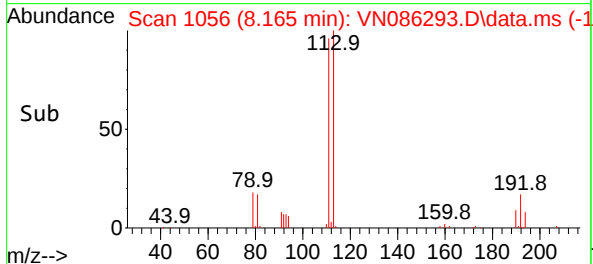
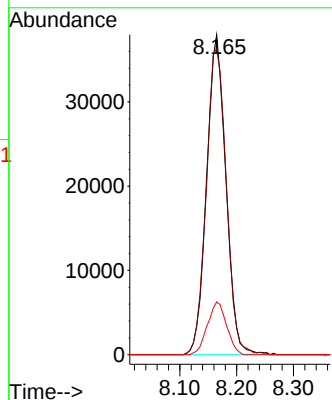
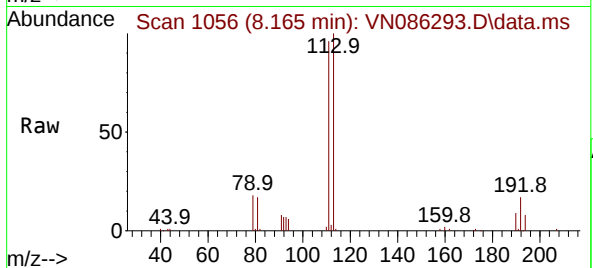
Tgt Ion:113 Resp: 89240

Ion Ratio Lower Upper

113 100

111 100.4 83.4 125.0

192 16.4 13.7 20.5



#47

Bromodichloromethane

Concen: 10.676 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN086293.D

Acq: 16 Apr 2025 13:38

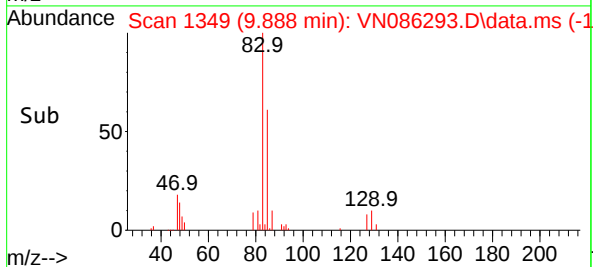
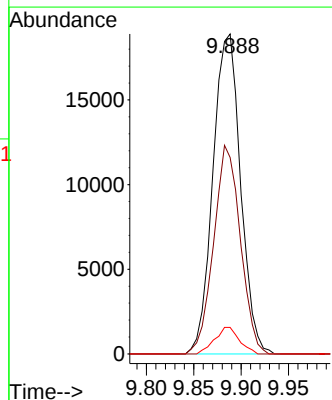
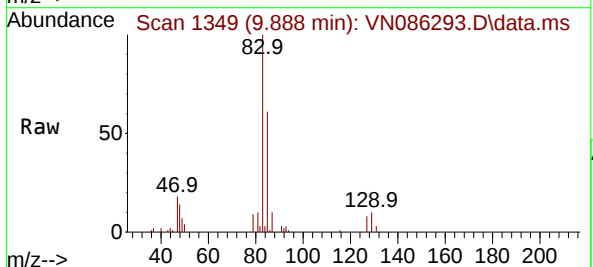
Tgt Ion: 83 Resp: 38322

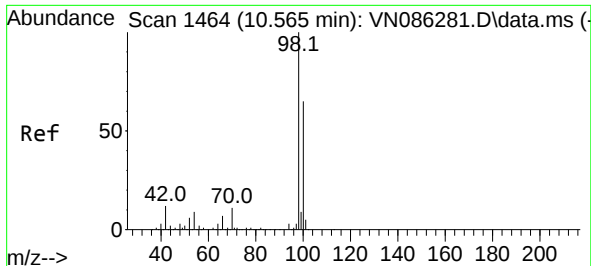
Ion Ratio Lower Upper

83 100

85 61.4 52.6 78.8

127 8.3 6.1 9.1

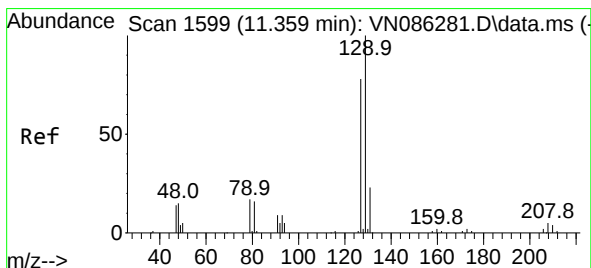
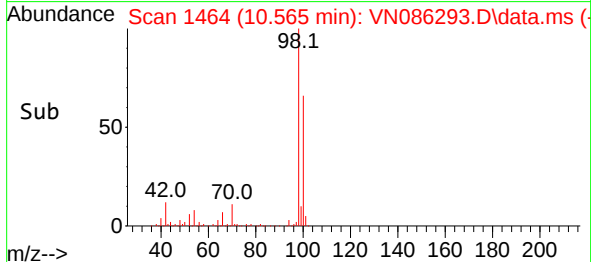
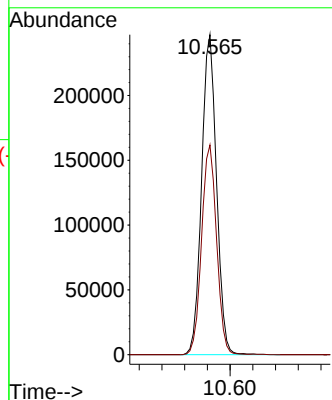
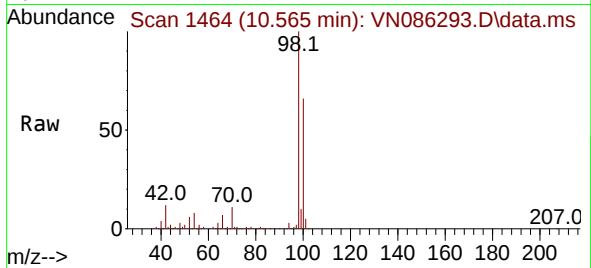




#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

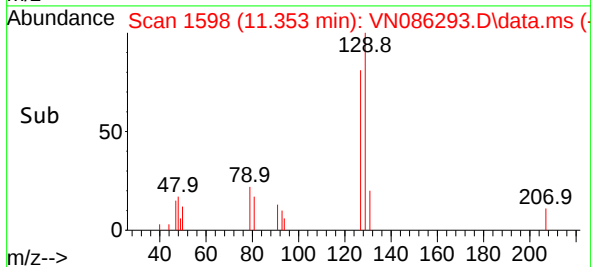
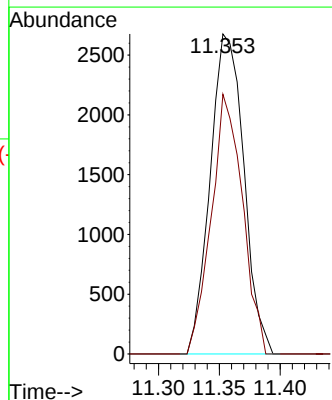
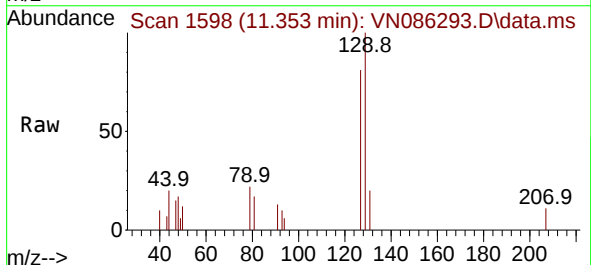
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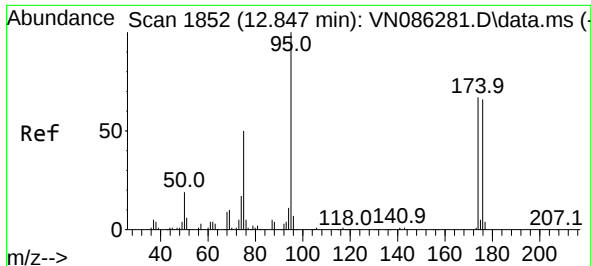
Tgt Ion: 98 Resp: 448849
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#60
Dibromochloromethane
Concen: 1.962 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

Tgt Ion:129 Resp: 5154
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1

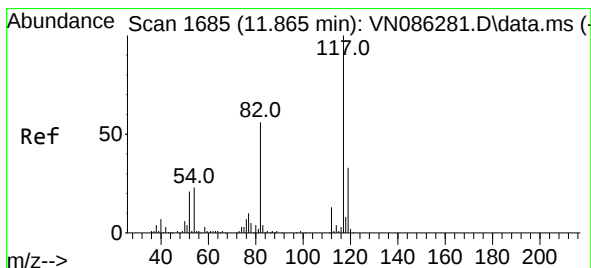
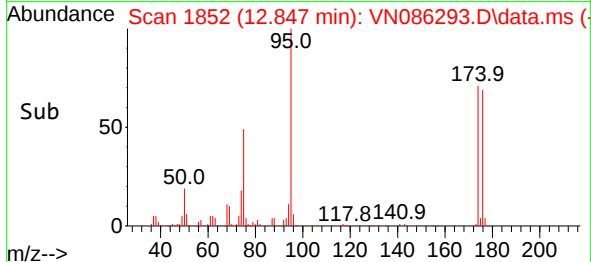
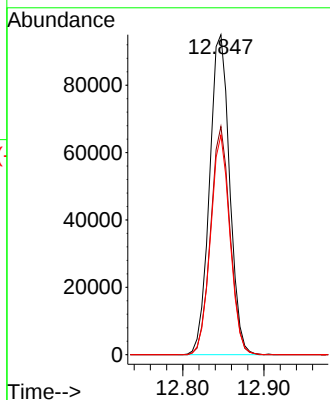
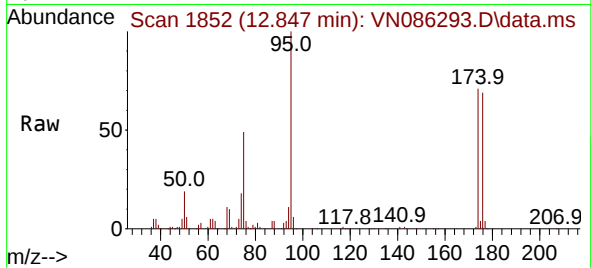




#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

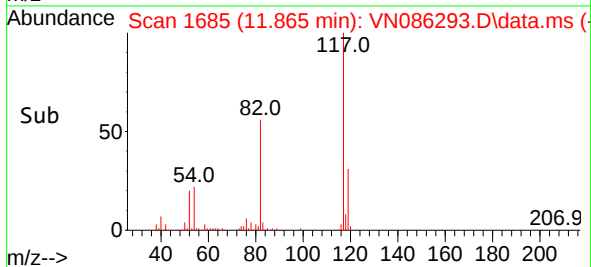
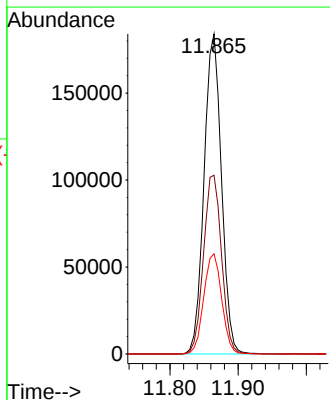
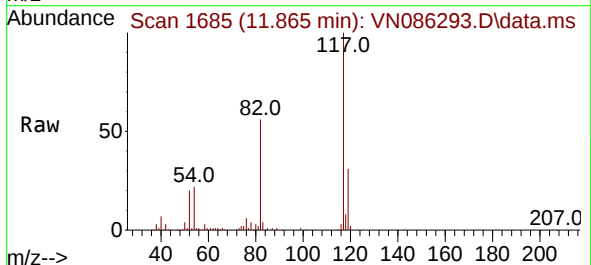
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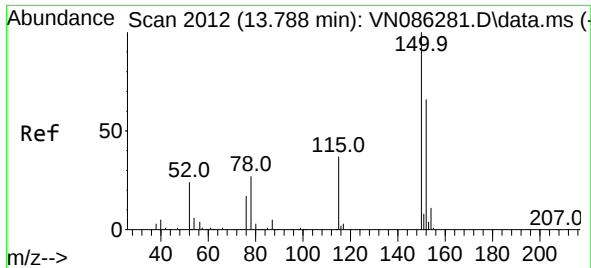
Tgt Ion: 95 Resp: 163259
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.4
176 66.3 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086293.D
Acq: 16 Apr 2025 13:38

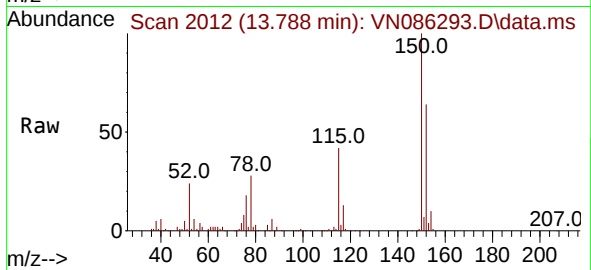
Tgt Ion: 117 Resp: 327128
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 31.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086293.D
 Acq: 16 Apr 2025 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSE-EB-TANK-041525



Tgt Ion:152 Resp: 145489
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.9 95.9
 150 157.7 0.0 352.0

