

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085925.D
 Acq On : 10 Mar 2025 19:35
 Operator : JC\MD
 Sample : Q1522-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-04

Quant Time: Mar 11 01:42:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

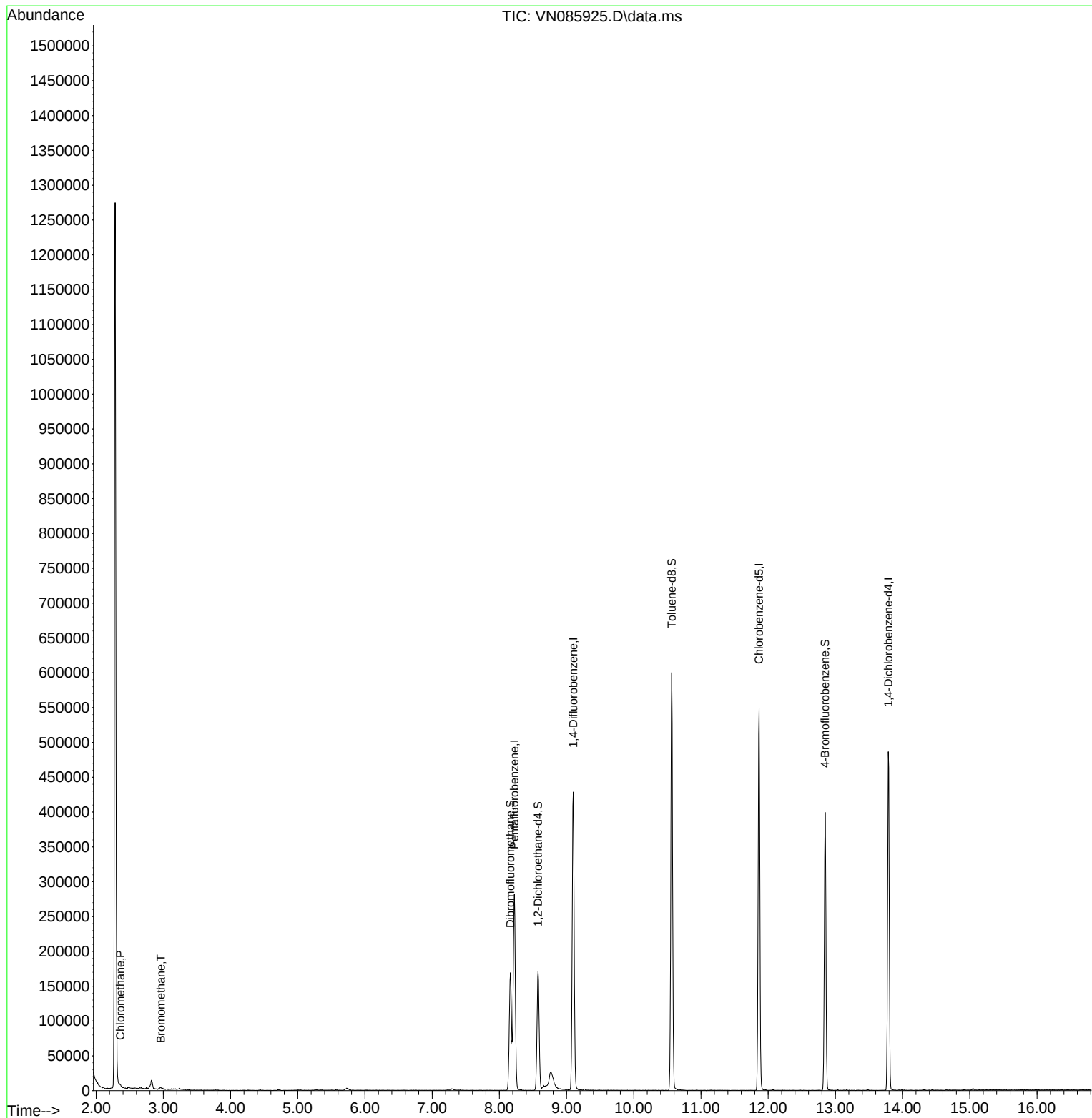
Internal Standards						
1) Pentafluorobenzene	8.224	168	197312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	141493	55.312	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	110.620%	
35) Dibromofluoromethane	8.165	113	121525	50.026	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	100.060%	
50) Toluene-d8	10.565	98	423173	47.879	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	95.760%	
62) 4-Bromofluorobenzene	12.847	95	141868	48.718	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	97.440%	
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	2317	0.860	ug/l	# 88
5) Bromomethane	2.965	94	2203	1.208	ug/l	97

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

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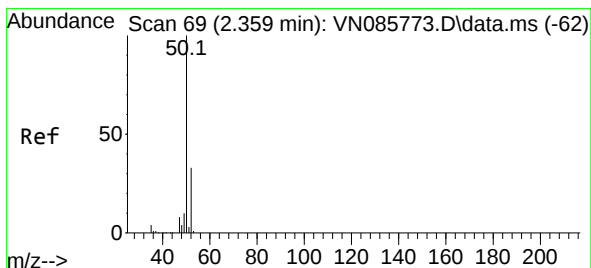
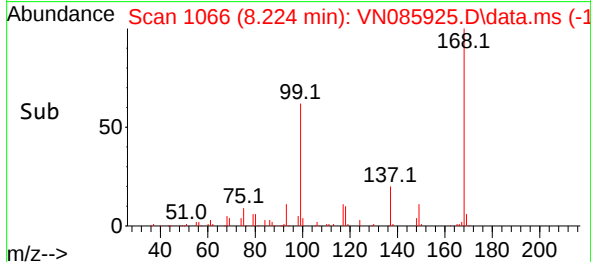
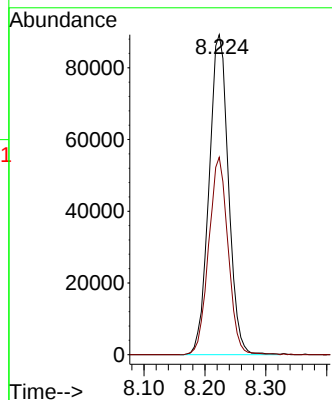
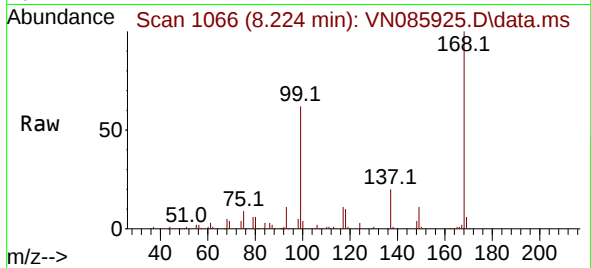




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

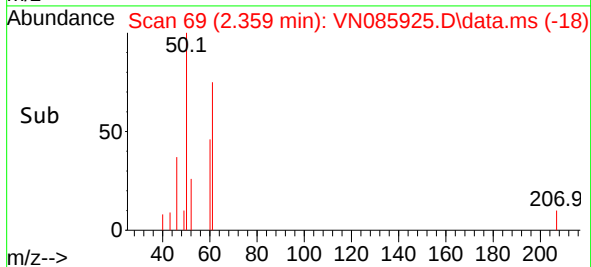
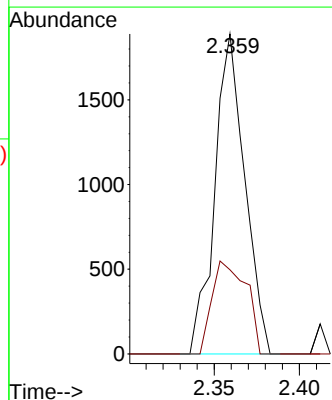
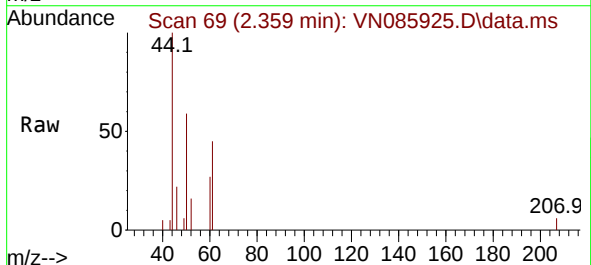
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-04

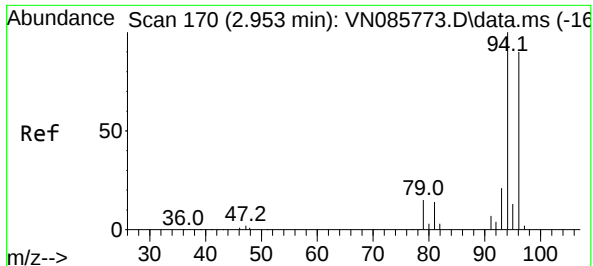
Tgt Ion:168 Resp: 197312
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9



#3
Chloromethane
Concen: 0.860 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

Tgt Ion: 50 Resp: 2317
Ion Ratio Lower Upper
50 100
52 26.3 26.7 40.1#

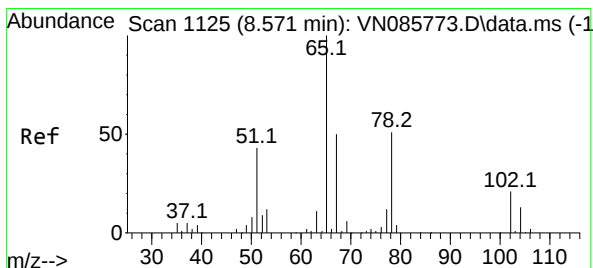
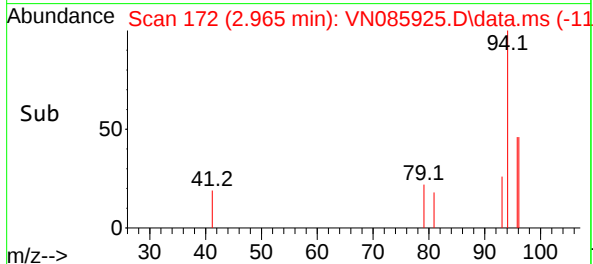
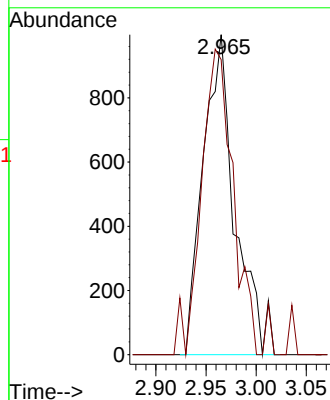
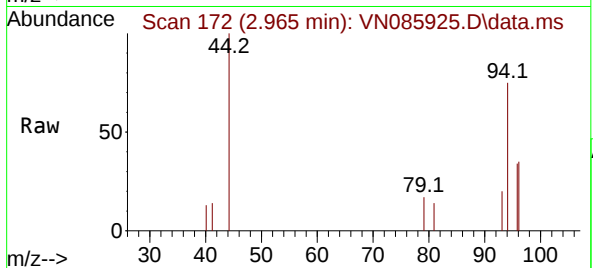




#5
Bromomethane
Concen: 1.208 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

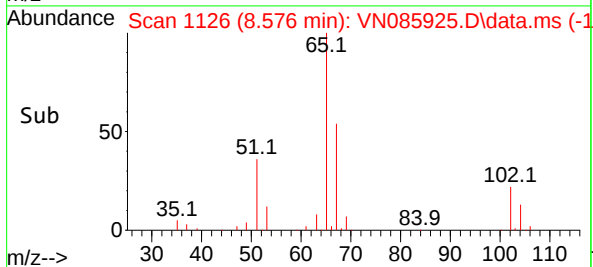
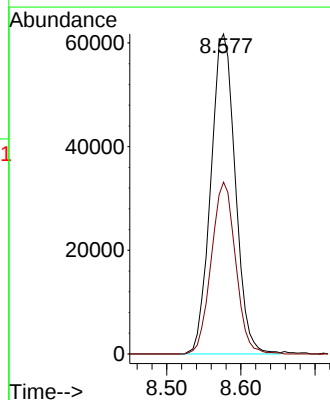
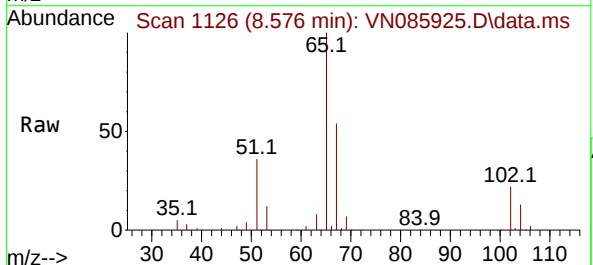
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-04

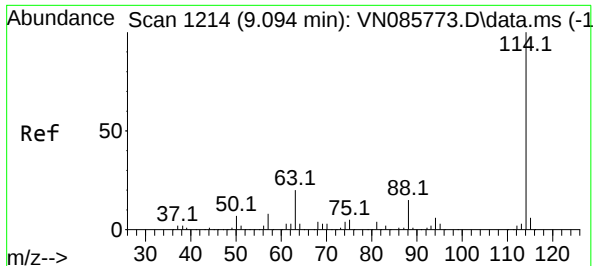
Tgt Ion: 94 Resp: 2203
Ion Ratio Lower Upper
94 100
96 92.2 71.7 107.5



#33
1,2-Dichloroethane-d4
Concen: 55.312 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

Tgt Ion: 65 Resp: 141493
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085925.D

Acq: 10 Mar 2025 19:35

Instrument :

MSVOA_N

ClientSampleId :

TW-WTS-04

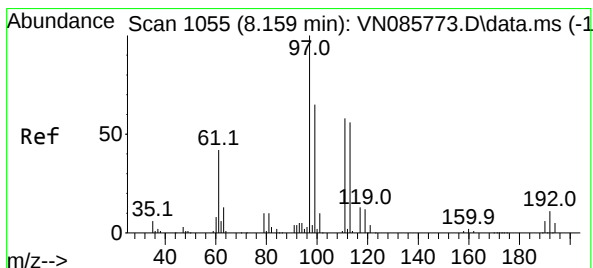
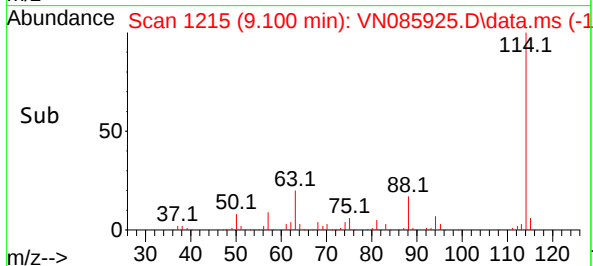
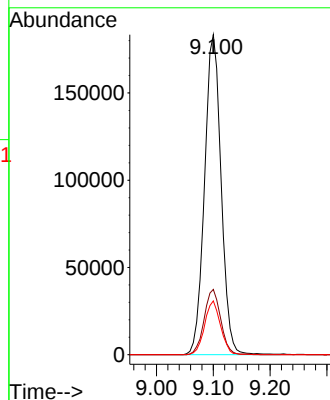
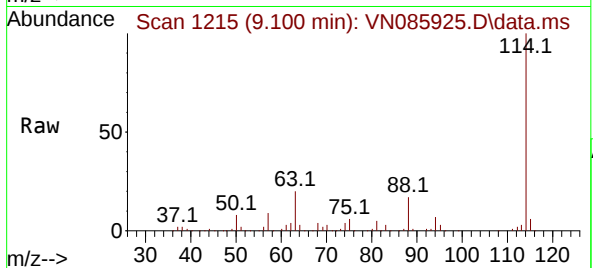
Tgt Ion:114 Resp: 371245

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.026 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085925.D

Acq: 10 Mar 2025 19:35

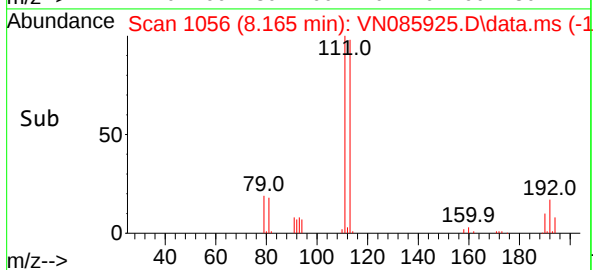
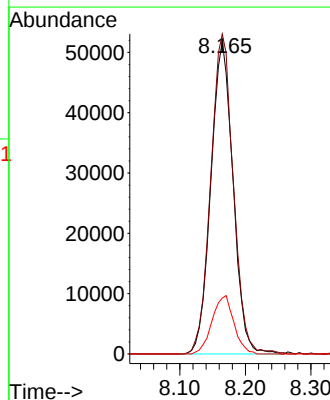
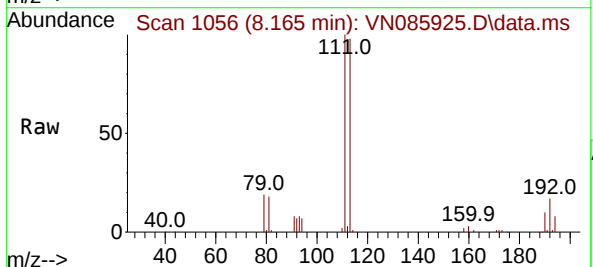
Tgt Ion:113 Resp: 121525

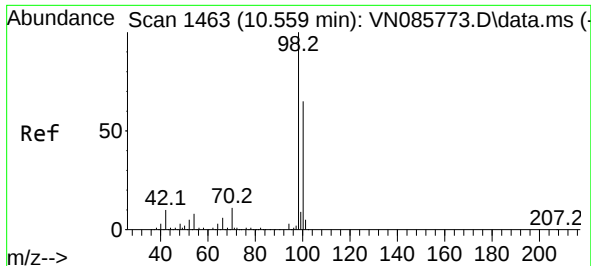
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 18.4 14.7 22.1

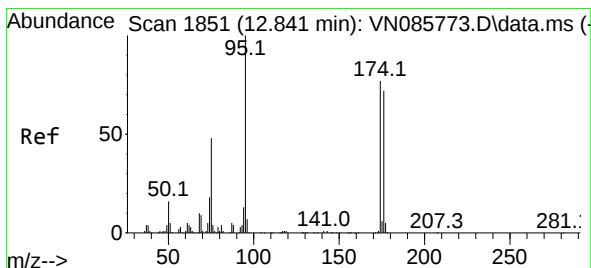
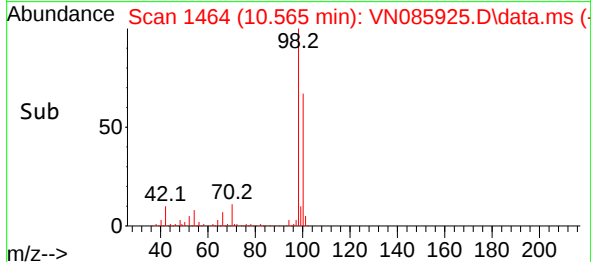
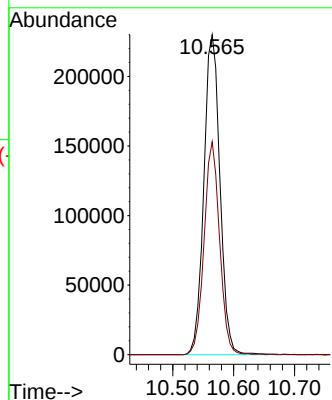
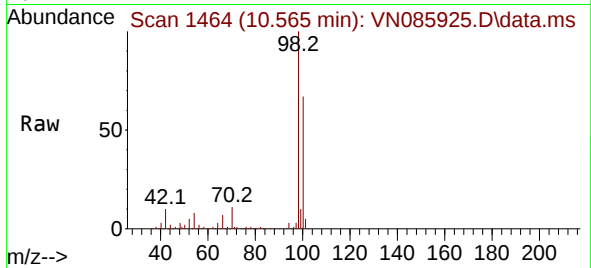




#50
Toluene-d8
Concen: 47.879 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

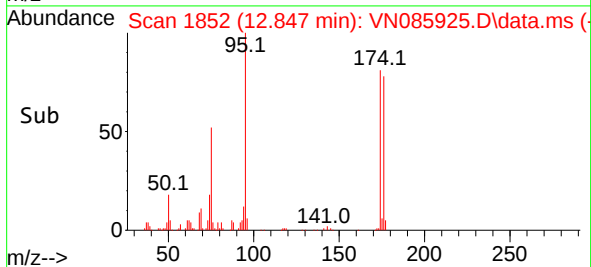
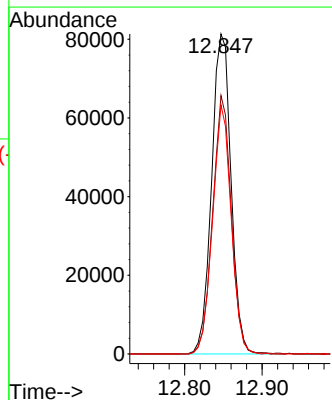
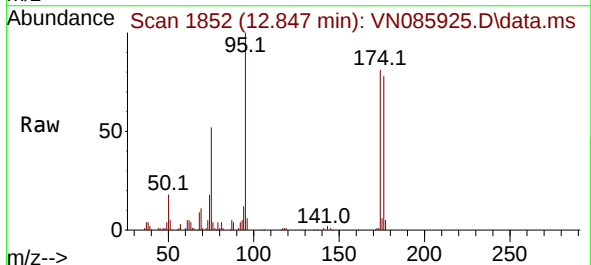
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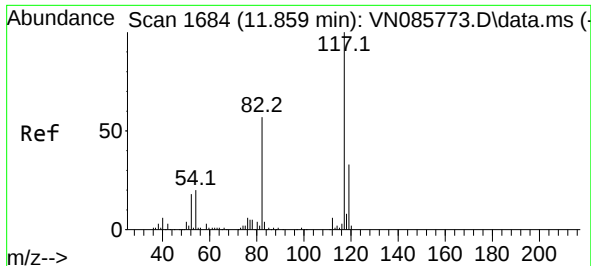
Tgt Ion: 98 Resp: 423173
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

Tgt Ion: 95 Resp: 141868
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.4
176 74.5 0.0 146.6

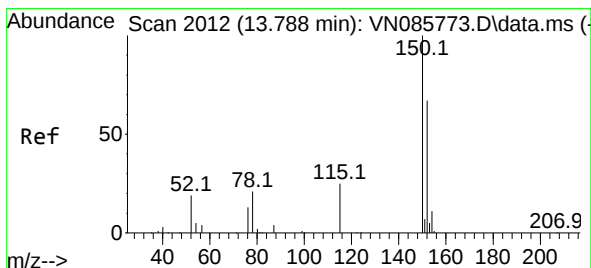
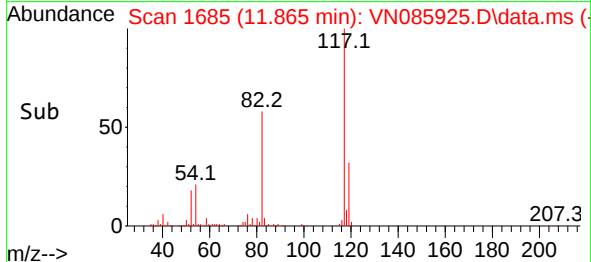
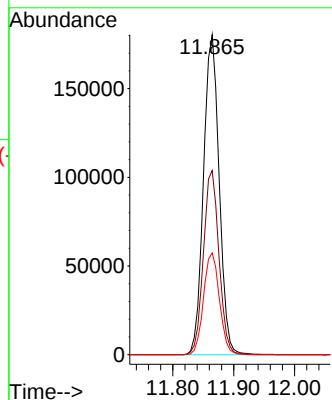
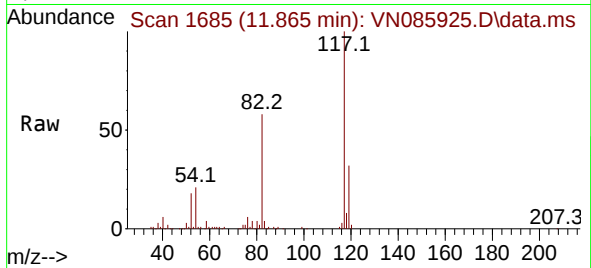




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-04

Tgt Ion:117 Resp: 322337
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085925.D
Acq: 10 Mar 2025 19:35

Tgt Ion:152 Resp: 137546
Ion Ratio Lower Upper
152 100
115 59.6 30.4 91.3
150 157.4 0.0 345.4

