

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087641.D
 Acq On : 22 Aug 2025 15:05
 Operator : JC\MD
 Sample : Q2924-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A-082025

Quant Time: Aug 25 01:21:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

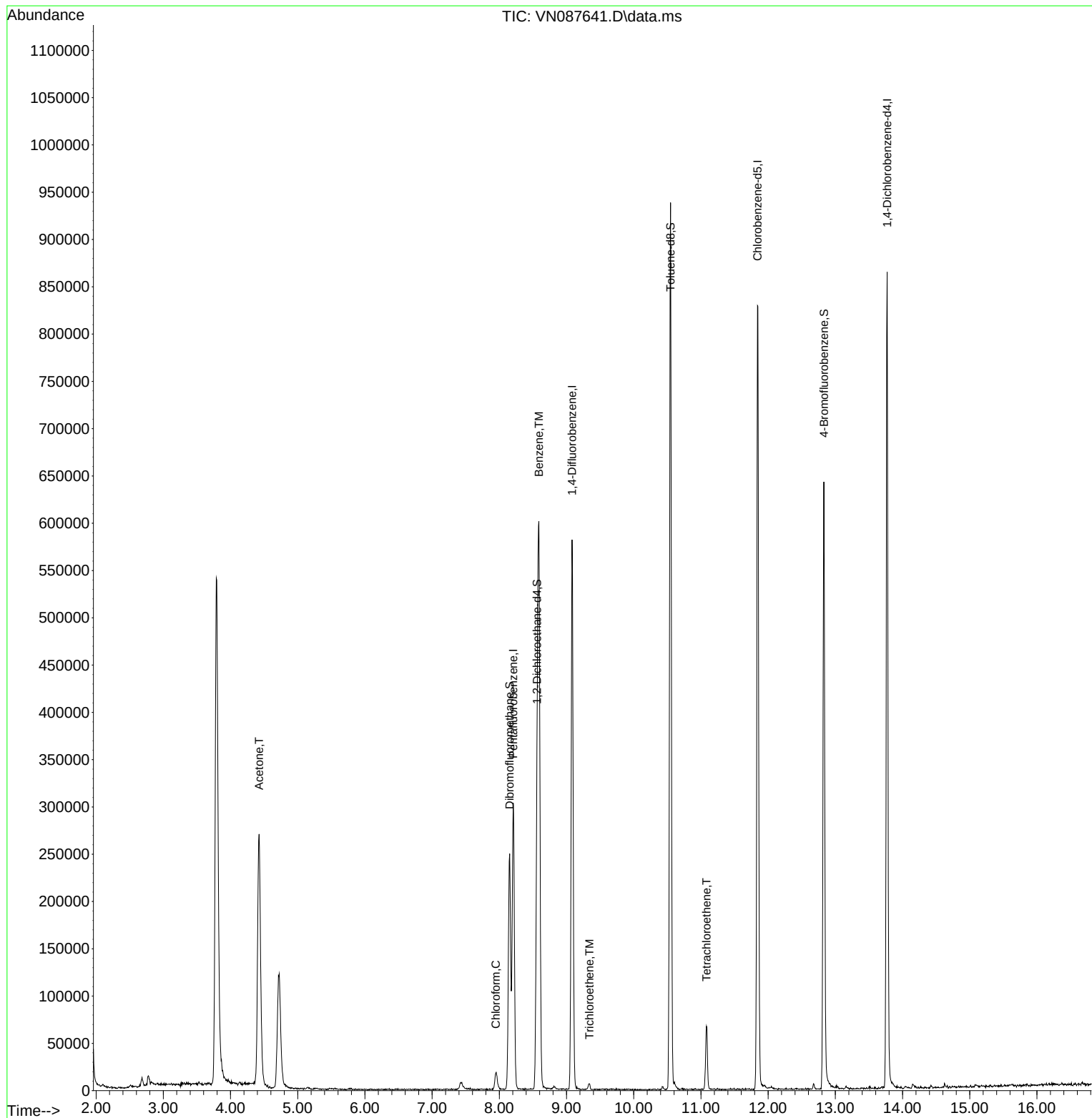
Internal Standards						
1) Pentafluorobenzene	8.206	168	201947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	468520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	455449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	212571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	239772	57.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.900%
35) Dibromofluoromethane	8.153	113	174174	51.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.547	98	611296	48.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.829	95	220487	48.969	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	525350	233.239	ug/l	99
30) Chloroform	7.947	83	16943	2.659	ug/l	87
40) Benzene	8.588	78	521851	32.786	ug/l	99
44) Trichloroethene	9.341	130	2069	0.569	ug/l	75
64) Tetrachloroethene	11.082	164	13920	4.405	ug/l	86

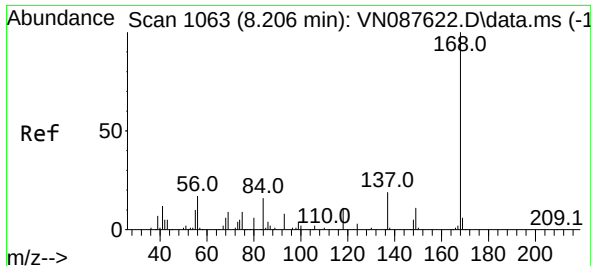
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

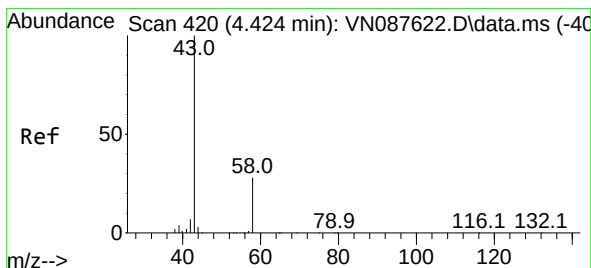
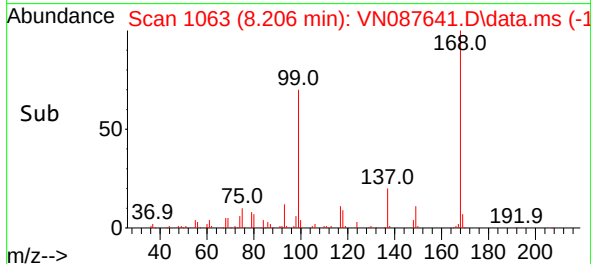
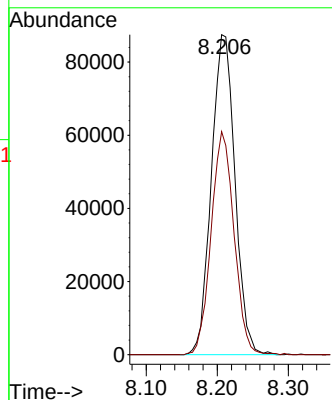
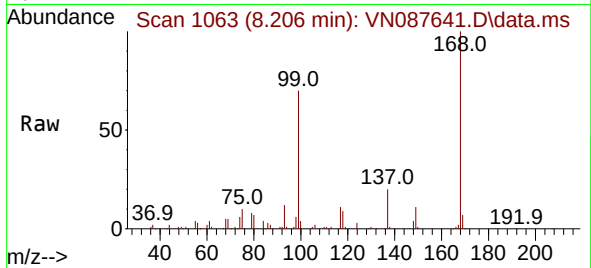




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

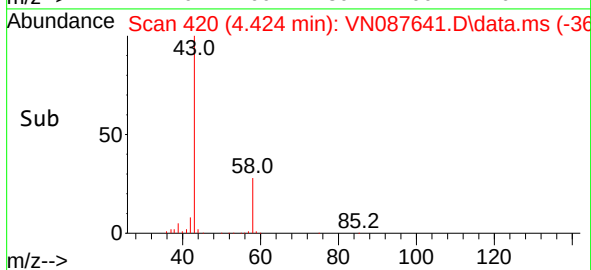
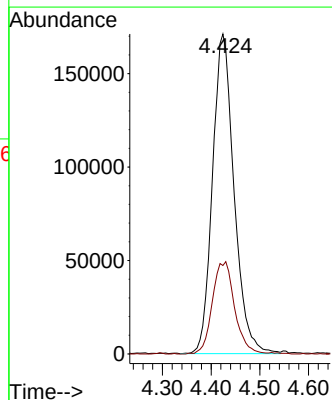
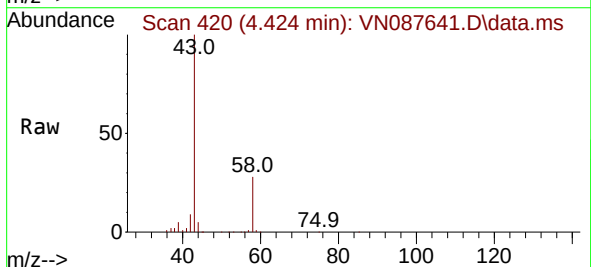
Instrument :
MSVOA_N
ClientSampleId :
MW-2A-082025

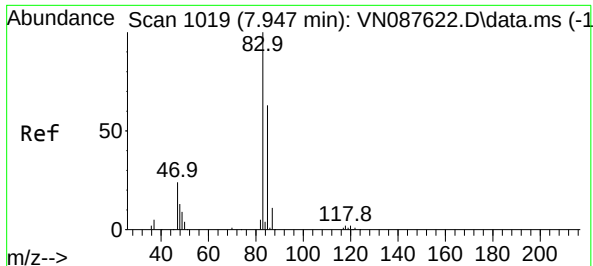
Tgt Ion:168 Resp: 201947
Ion Ratio Lower Upper
168 100
99 69.7 57.2 85.8



#16
Acetone
Concen: 233.239 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

Tgt Ion: 43 Resp: 525350
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8





#30

Chloroform

Concen: 2.659 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087641.D

Acq: 22 Aug 2025 15:05

Instrument :

MSVOA_N

ClientSampleId :

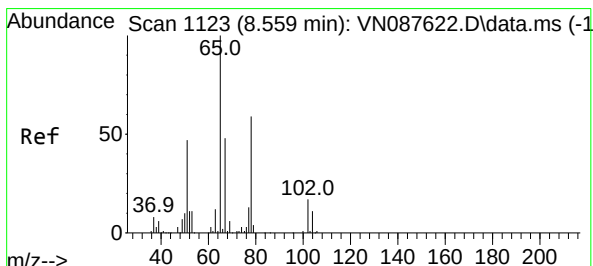
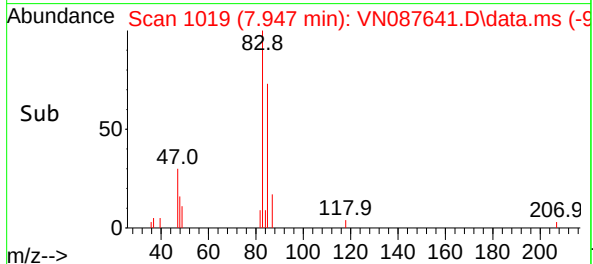
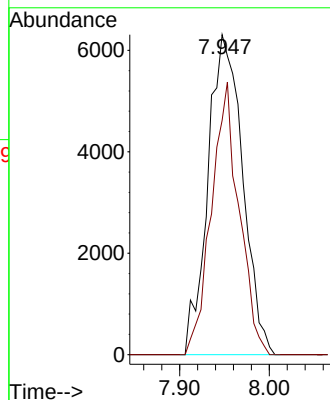
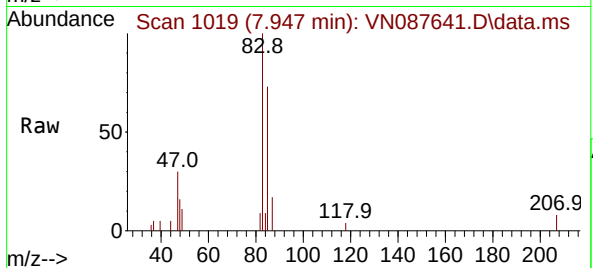
MW-2A-082025

Tgt Ion: 83 Resp: 16943

Ion Ratio Lower Upper

83 100

85 73.2 50.7 76.1



#33

1,2-Dichloroethane-d4

Concen: 57.949 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087641.D

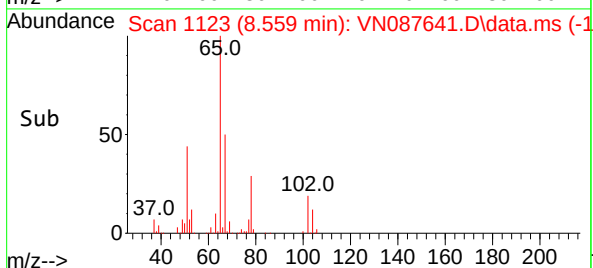
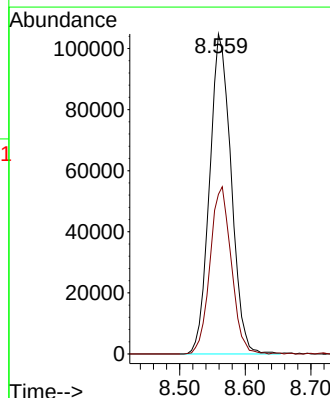
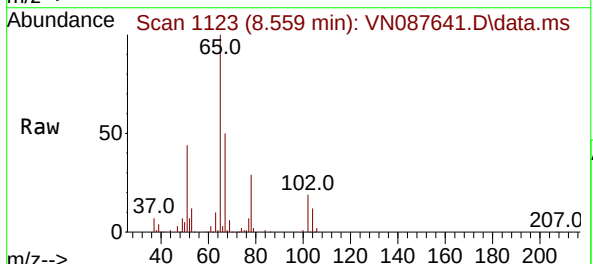
Acq: 22 Aug 2025 15:05

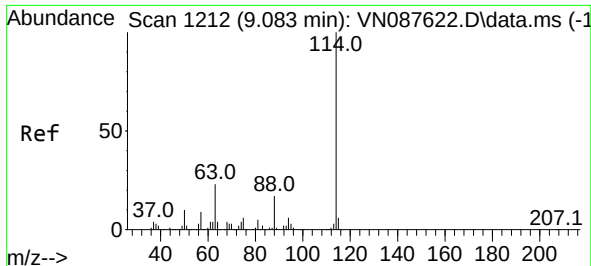
Tgt Ion: 65 Resp: 239772

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0

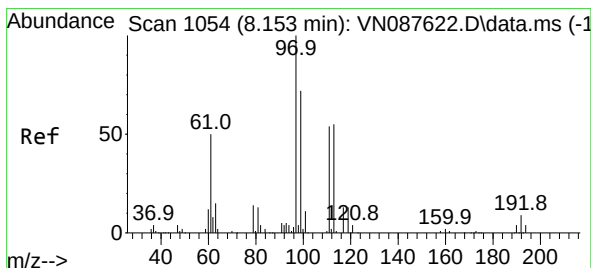
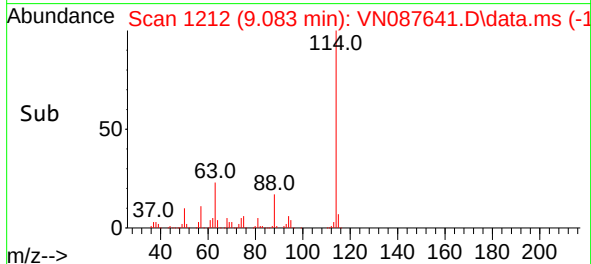
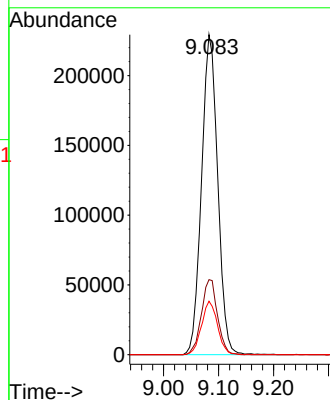
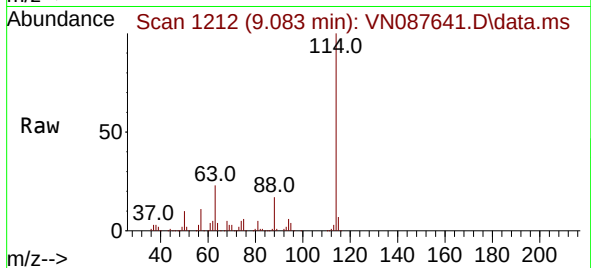




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

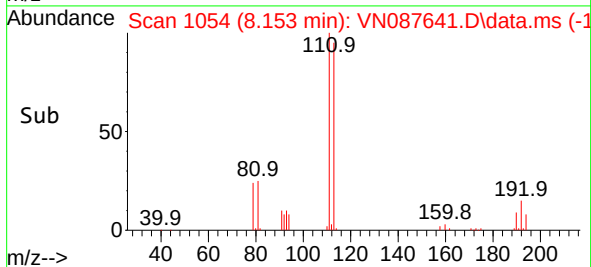
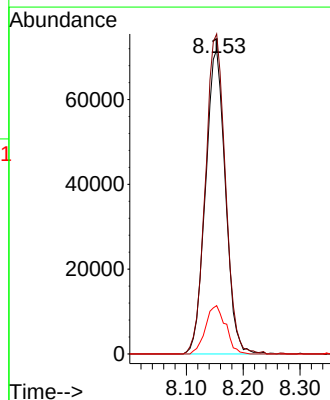
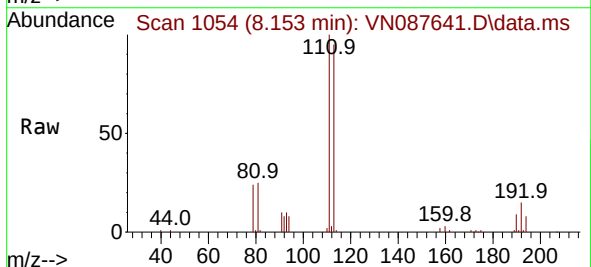
Instrument :
MSVOA_N
ClientSampleId :
MW-2A-082025

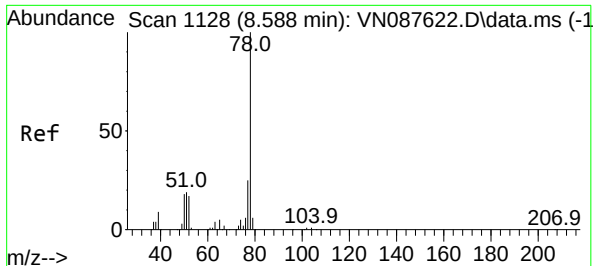
Tgt Ion:	114	Resp:	468520
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.2
88	16.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 51.490 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

Tgt Ion:	113	Resp:	174174
Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.8	124.2
192	16.1	12.8	19.2

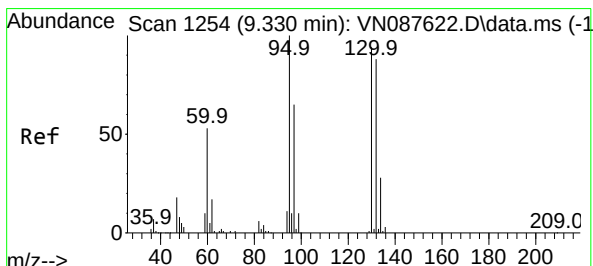
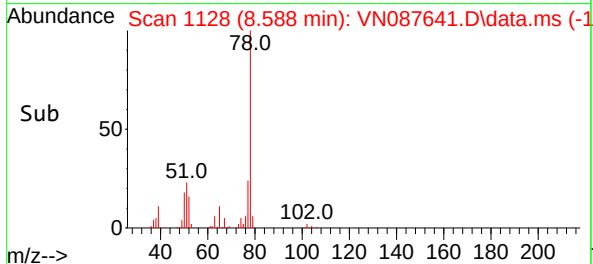
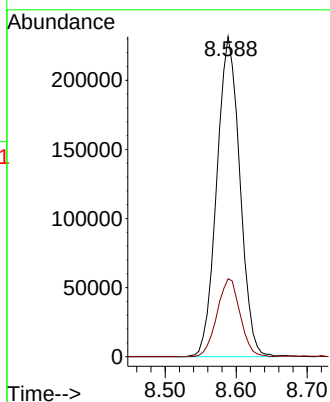
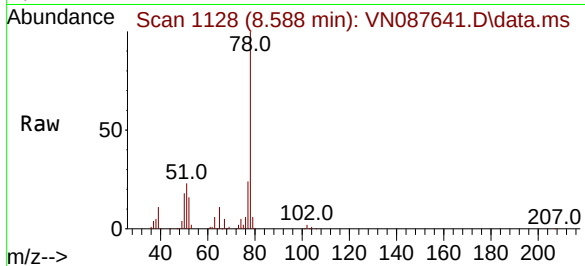




#40
Benzene
Concen: 32.786 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

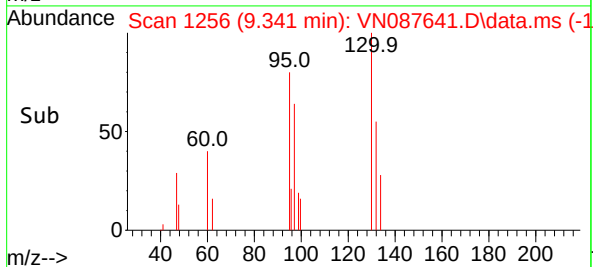
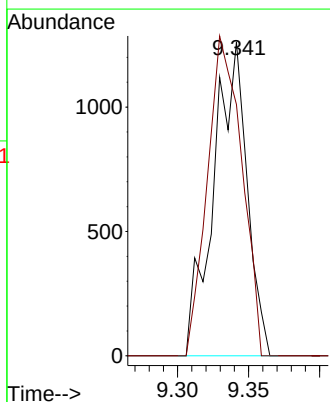
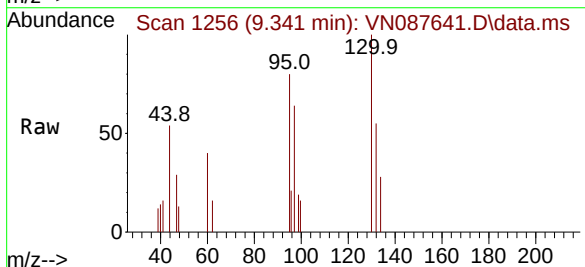
Instrument :
MSVOA_N
ClientSampleId :
MW-2A-082025

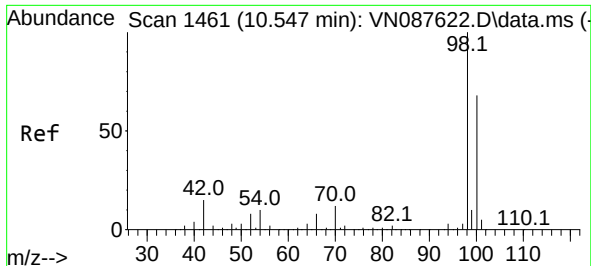
Tgt Ion: 78 Resp: 521851
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5



#44
Trichloroethene
Concen: 0.569 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. 0.012 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

Tgt Ion:130 Resp: 2069
Ion Ratio Lower Upper
130 100
95 80.1 0.0 212.0

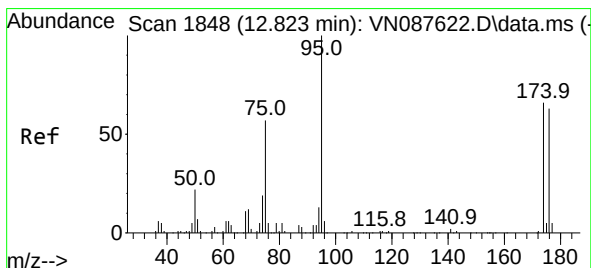
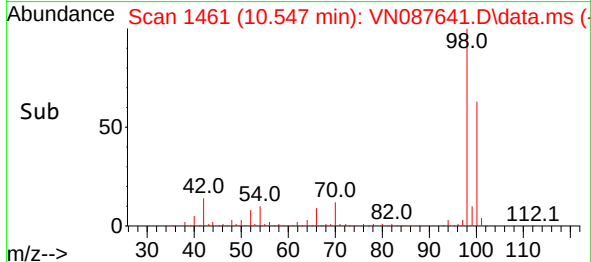
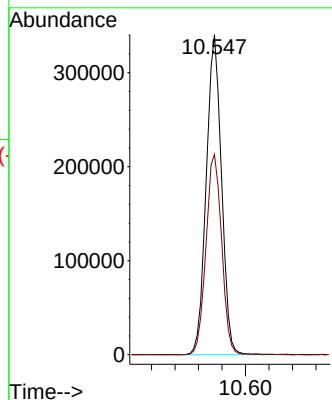
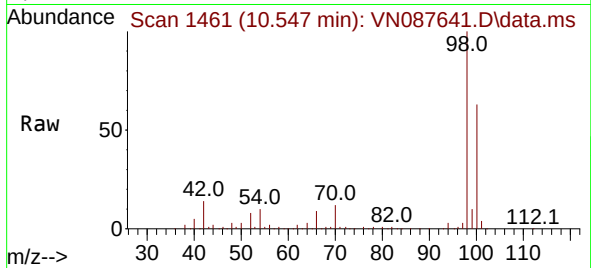




#50
Toluene-d8
Concen: 48.282 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

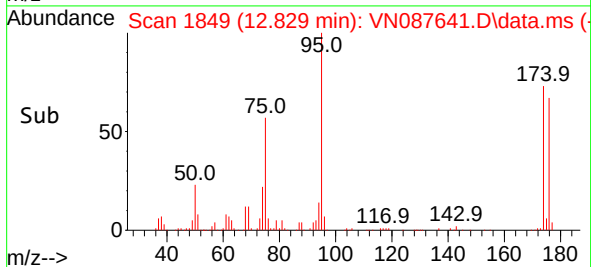
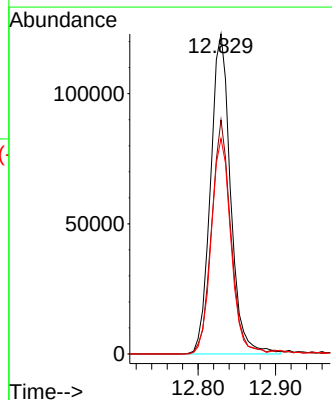
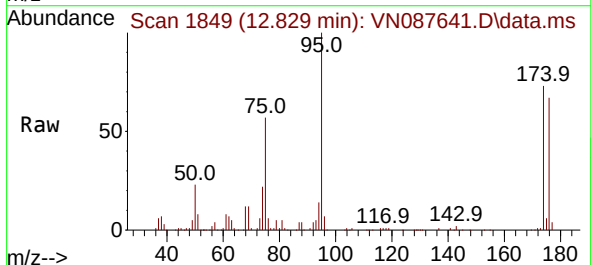
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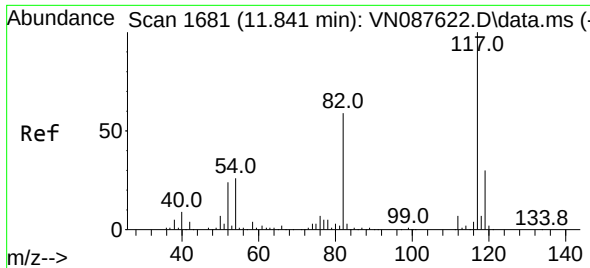
Tgt Ion: 98 Resp: 611296
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

Tgt Ion: 95 Resp: 220487
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.4
176 66.4 0.0 132.6

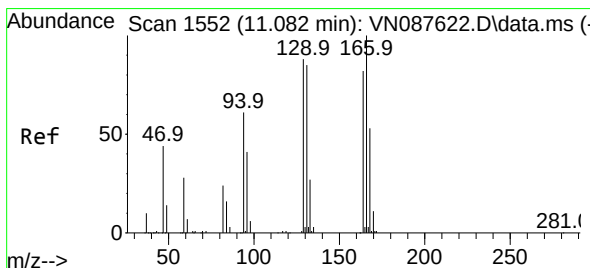
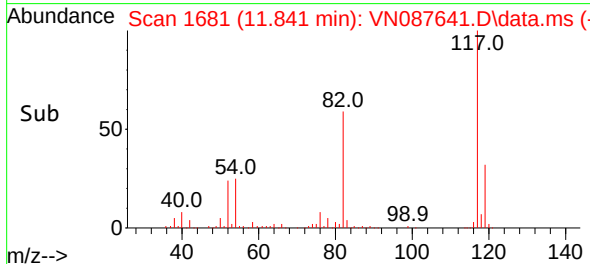
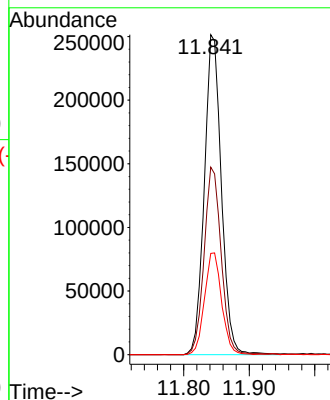
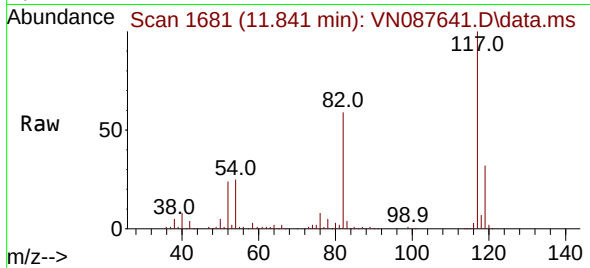




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

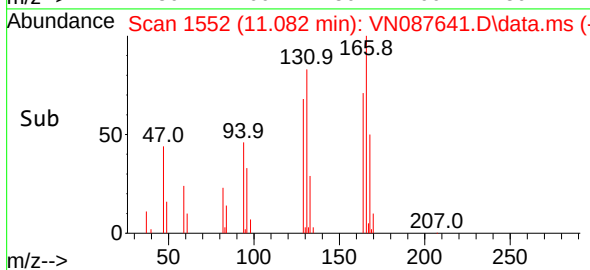
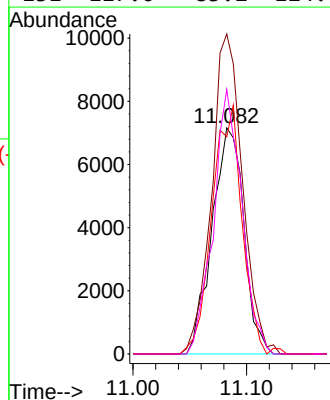
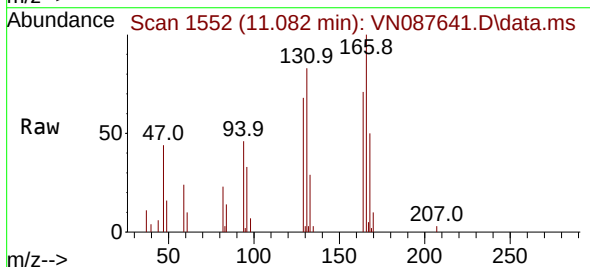
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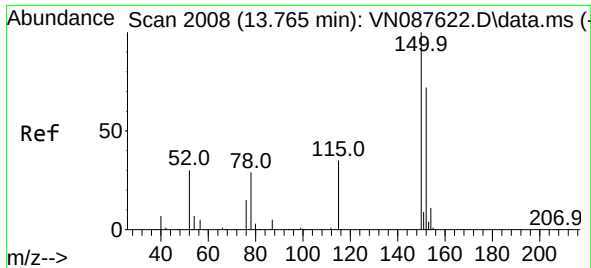
Tgt Ion:117 Resp: 455449
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.7 24.3 36.5



#64
Tetrachloroethene
Concen: 4.405 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087641.D
Acq: 22 Aug 2025 15:05

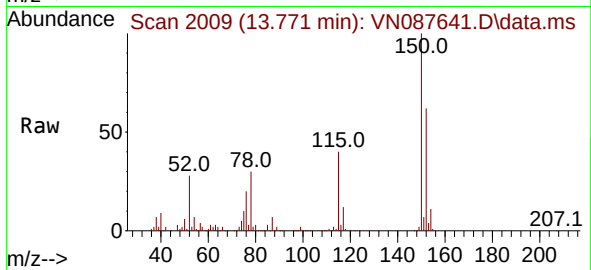
Tgt Ion:164 Resp: 13920
Ion Ratio Lower Upper
164 100
166 141.6 97.7 146.5
129 96.1 85.9 128.9
131 117.0 83.2 124.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087641.D
 Acq: 22 Aug 2025 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A-082025



Tgt Ion:152 Resp: 212571
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 162.7 0.0 351.0

