

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087895.D
 Acq On : 18 Sep 2025 15:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 19 03:09:35 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)

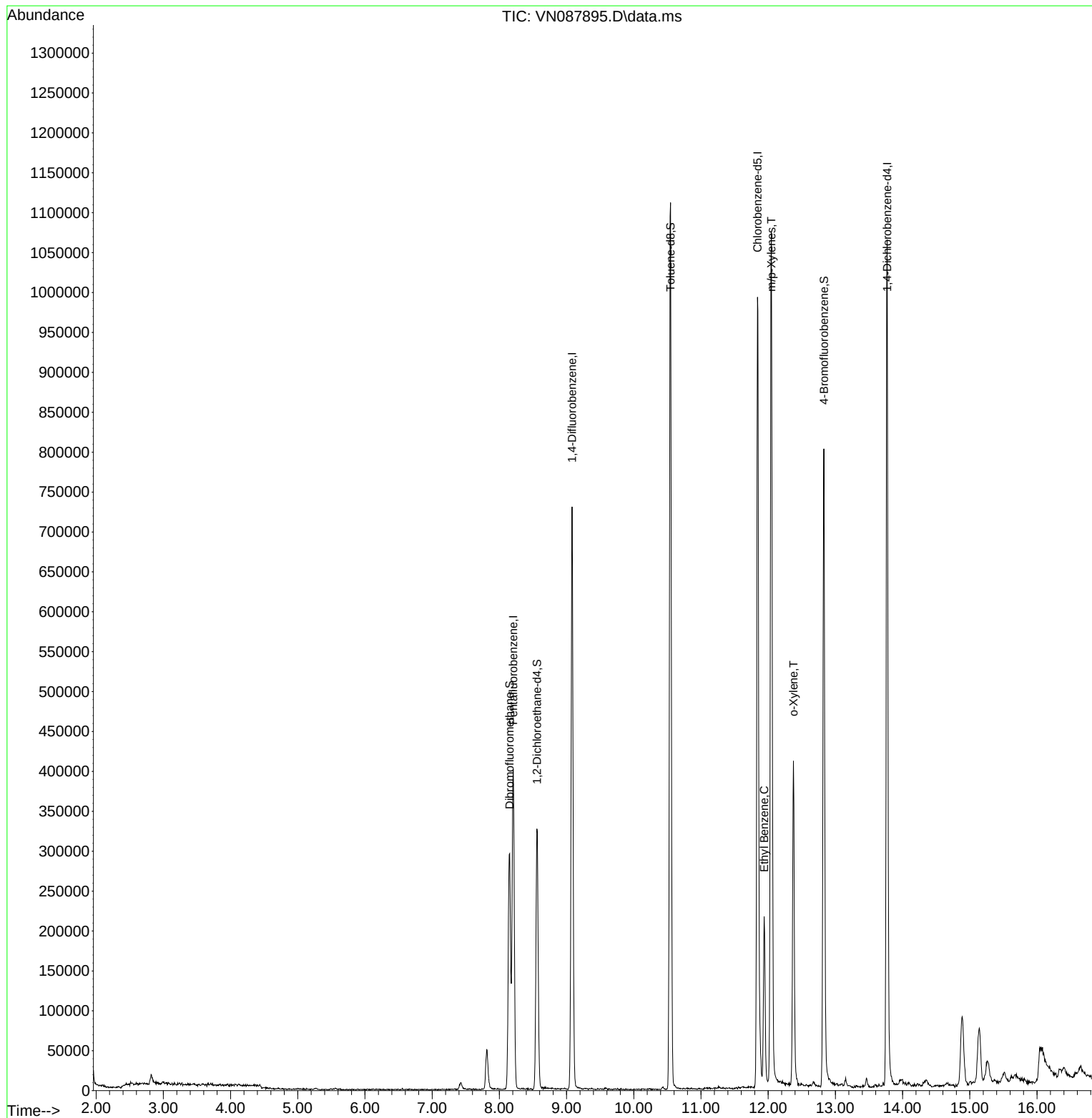
Internal Standards						
1) Pentafluorobenzene	8.206	168	290258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	616802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	577566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	292690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	276974	46.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.140%
35) Dibromofluoromethane	8.153	113	220596	49.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	10.547	98	766304	45.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.829	95	286373	48.312	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.620%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.941	91	160486	6.451	ug/l	94
68) m/p-Xylenes	12.047	106	348553	38.201	ug/l	97
69) o-Xylene	12.376	106	117457	13.136	ug/l	95

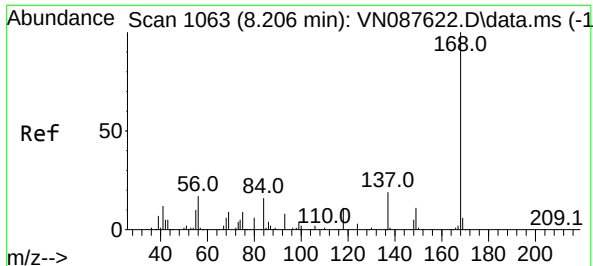
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

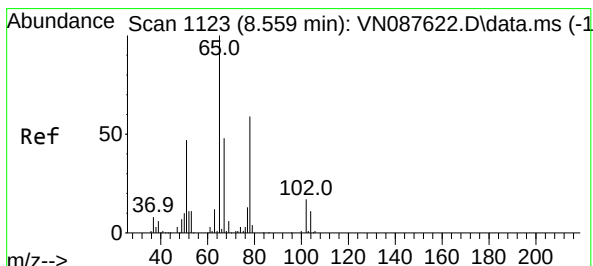
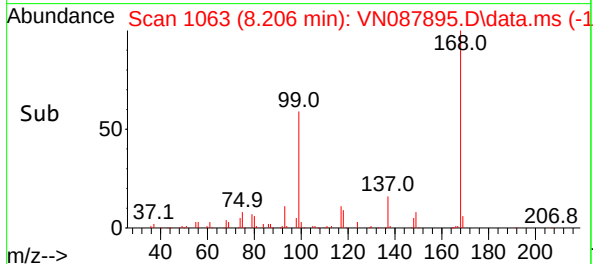
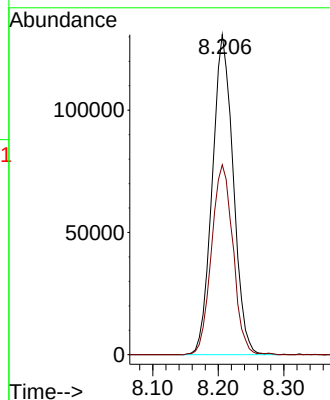
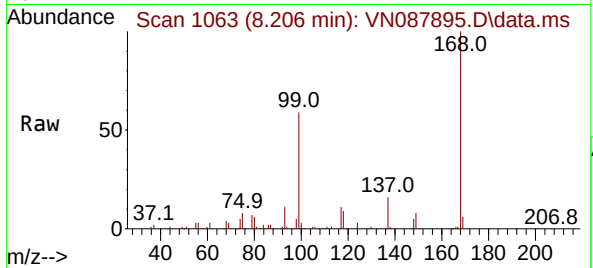




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

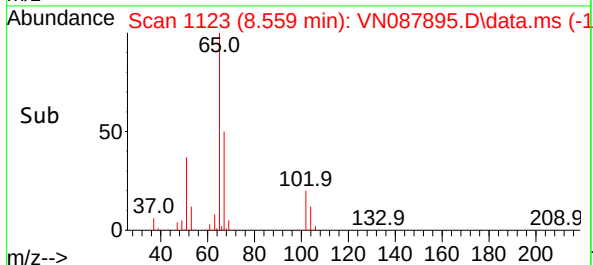
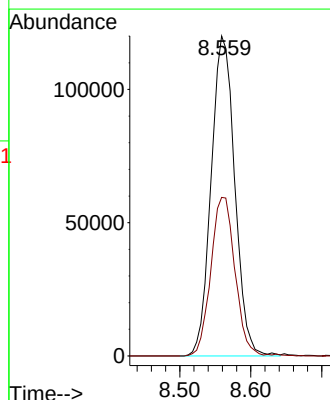
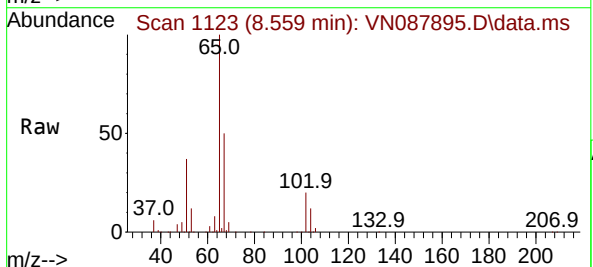
Instrument :
MSVOA_N
ClientSampleId :
IBLK

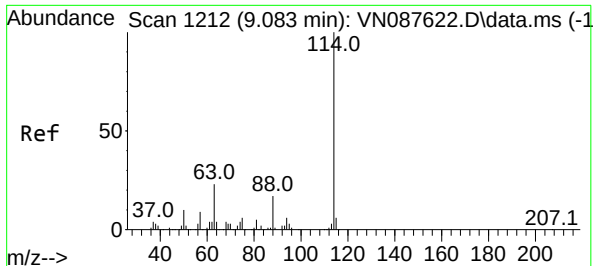
Tgt Ion:168 Resp: 290258
Ion Ratio Lower Upper
168 100
99 59.3 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 46.573 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

Tgt Ion: 65 Resp: 276974
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087895.D

Acq: 18 Sep 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

IBLK

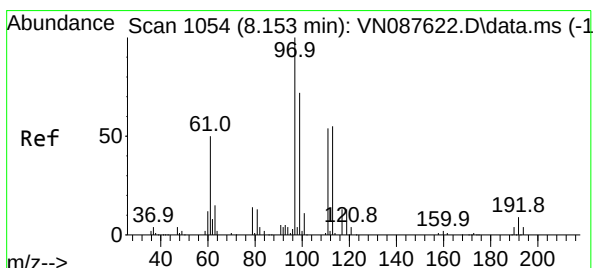
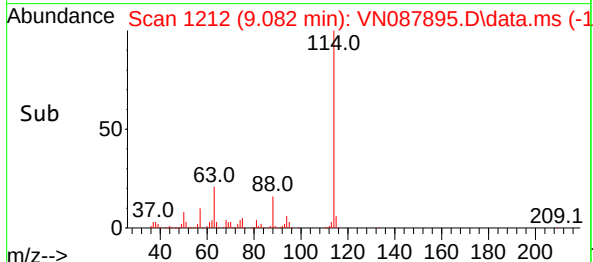
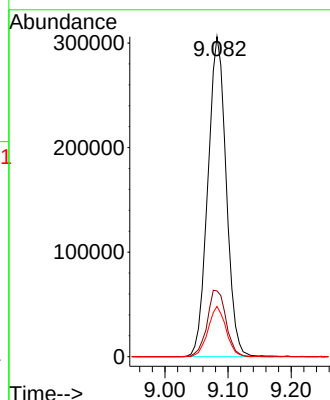
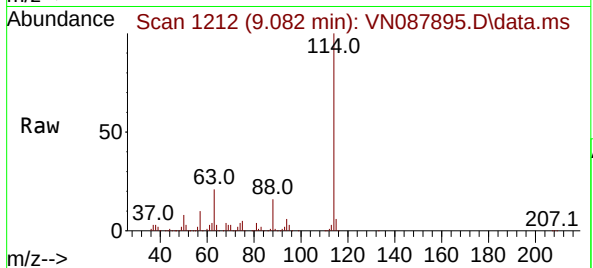
Tgt Ion:114 Resp: 616802

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.2

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.535 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087895.D

Acq: 18 Sep 2025 15:09

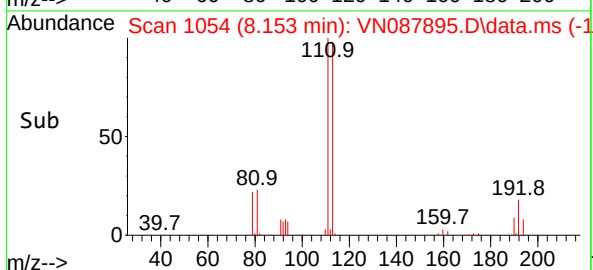
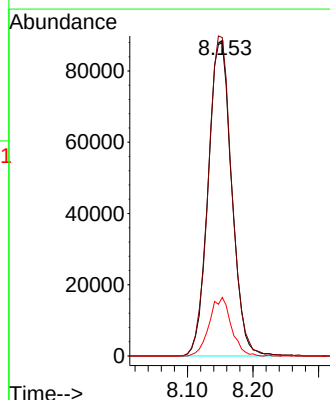
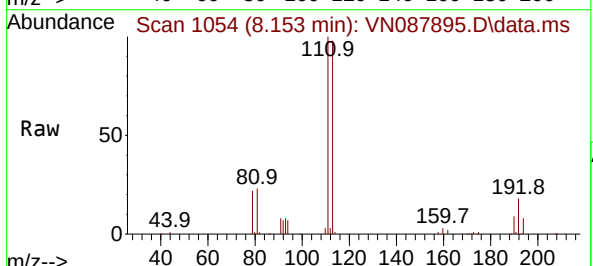
Tgt Ion:113 Resp: 220596

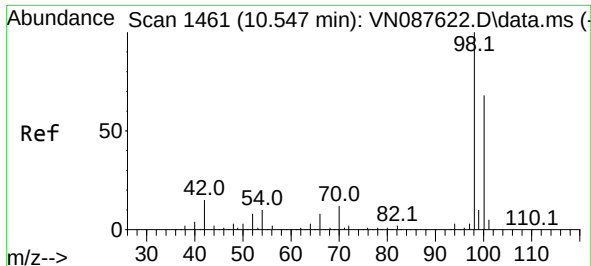
Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 17.4 12.8 19.2

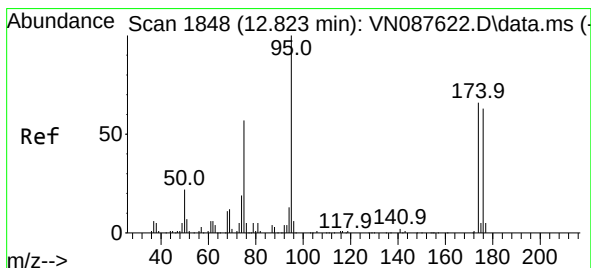
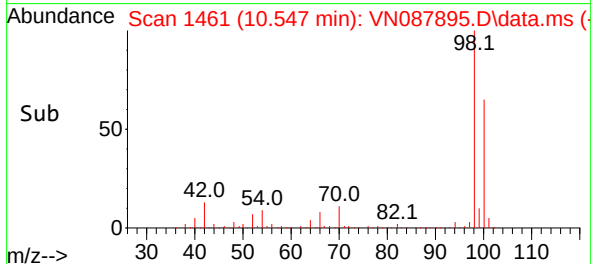
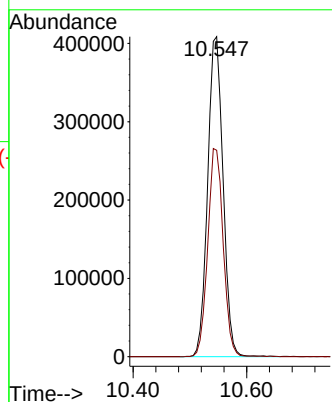
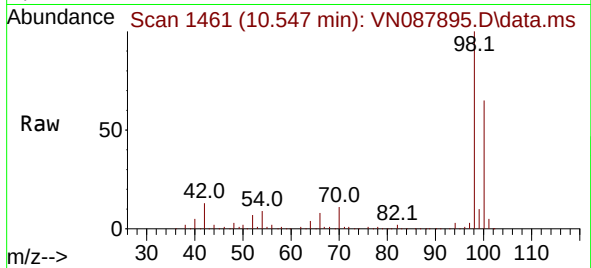




#50
Toluene-d8
Concen: 45.975 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

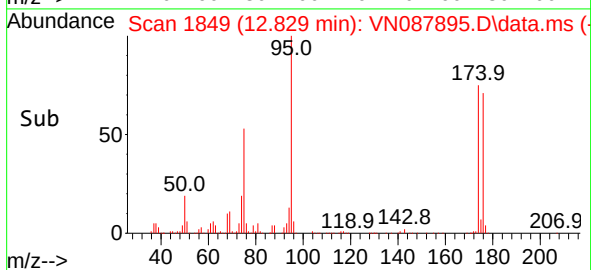
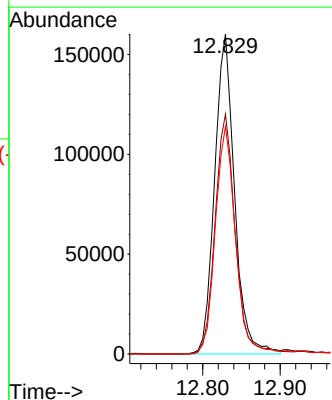
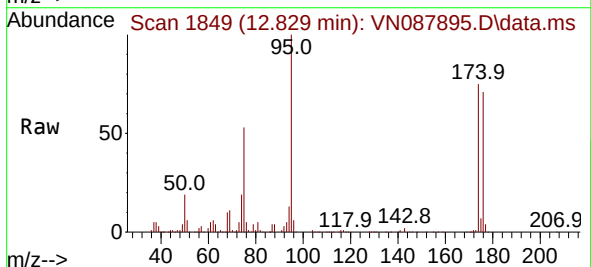
Instrument :
MSVOA_N
ClientSampleId :
IBLK

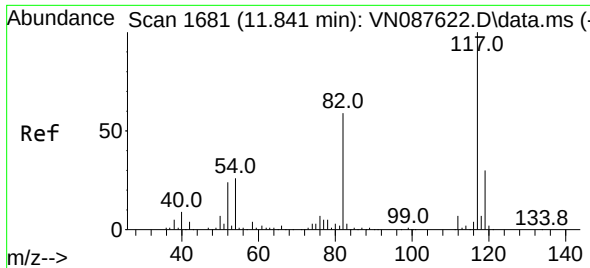
Tgt Ion: 98 Resp: 766304
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.312 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

Tgt Ion: 95 Resp: 286373
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 72.1 0.0 132.6

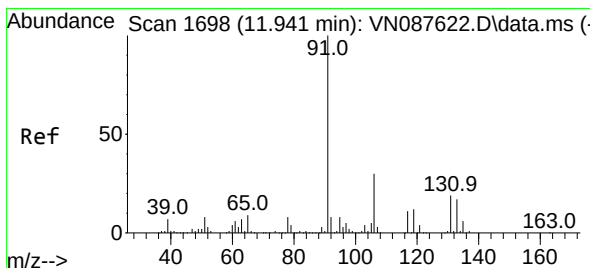
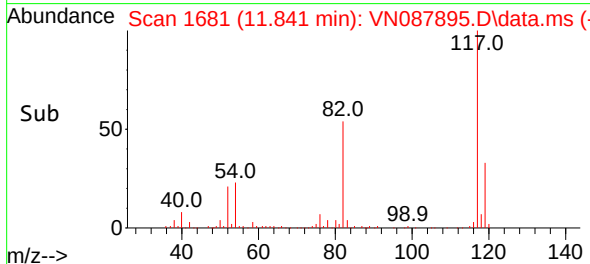
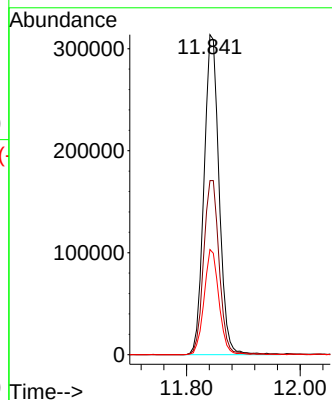
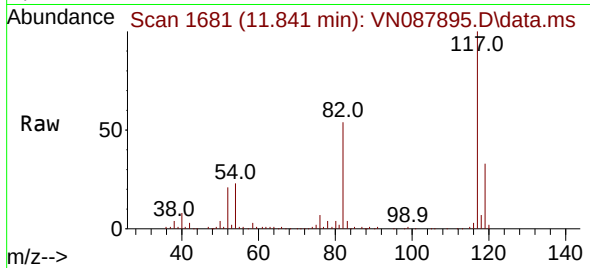




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

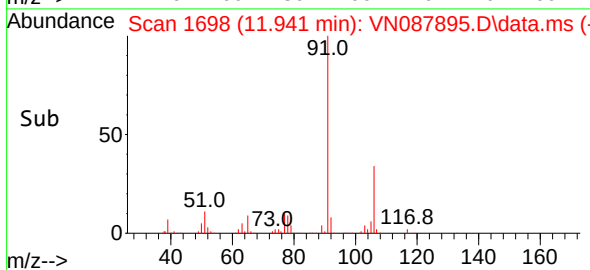
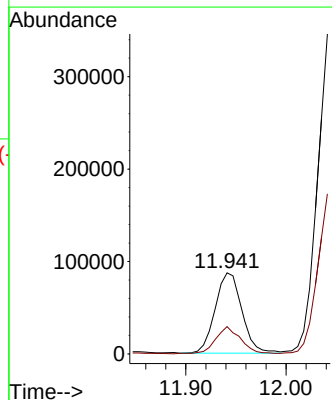
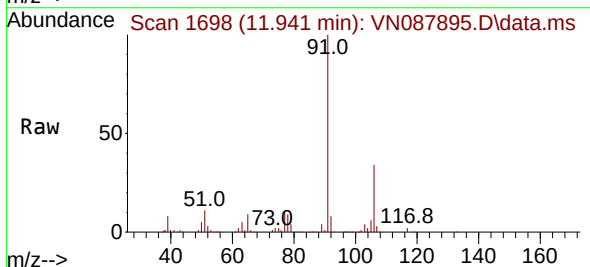
Instrument :
MSVOA_N
ClientSampleId :
IBLK

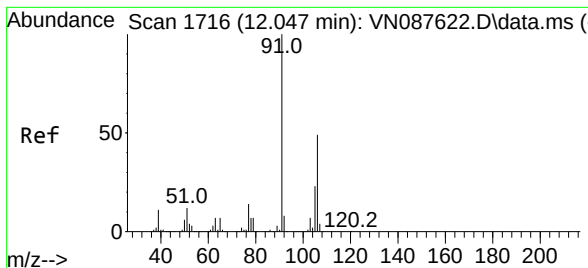
Tgt Ion:117 Resp: 577566
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.8 24.3 36.5



#67
Ethyl Benzene
Concen: 6.451 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

Tgt Ion: 91 Resp: 160486
Ion Ratio Lower Upper
91 100
106 33.2 24.1 36.1

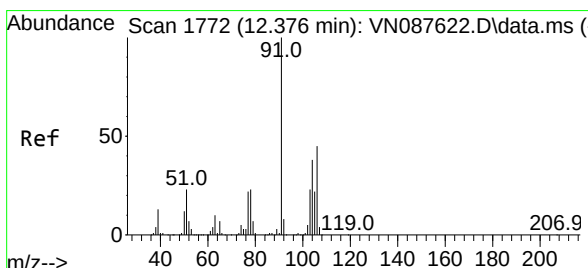
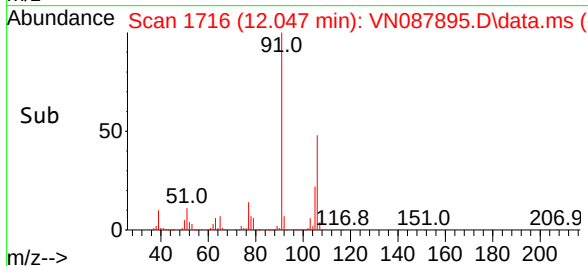
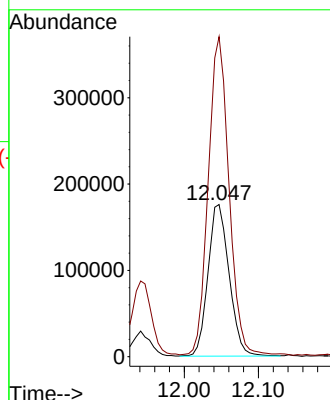
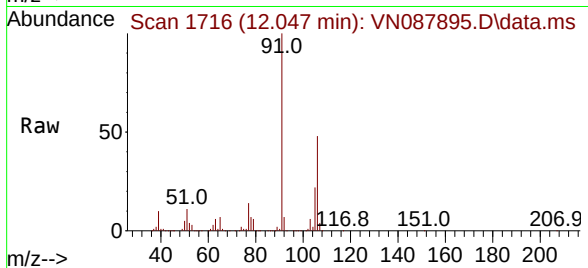




#68
m/p-Xylenes
Concen: 38.201 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

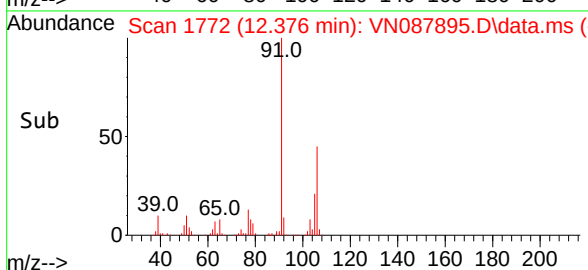
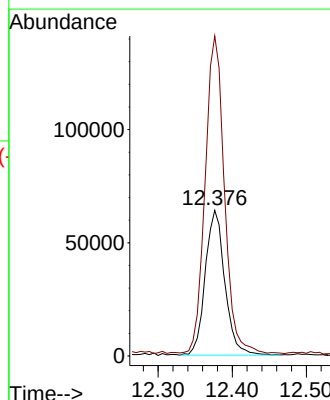
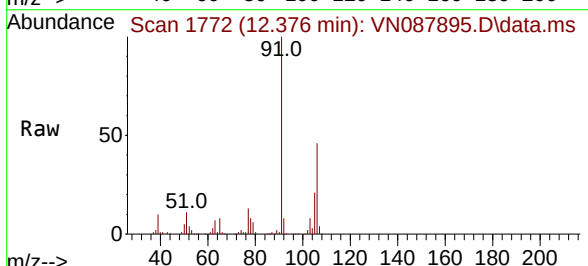
Instrument :
MSVOA_N
ClientSampleId :
IBLK

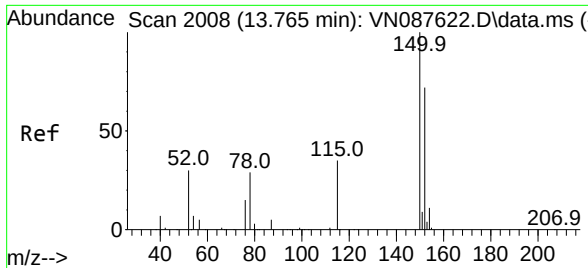
Tgt Ion:106 Resp: 348553
Ion Ratio Lower Upper
106 100
91 206.7 169.3 253.9



#69
o-Xylene
Concen: 13.136 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

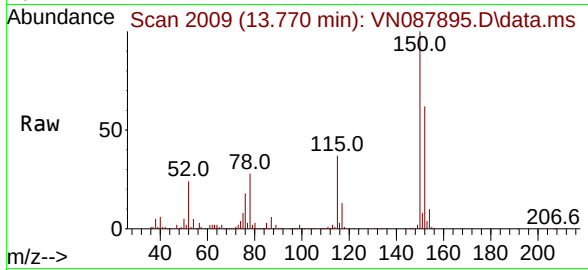
Tgt Ion:106 Resp: 117457
Ion Ratio Lower Upper
106 100
91 215.4 111.4 334.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087895.D
Acq: 18 Sep 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	152	Resp:	292690
Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.3	96.8
150	160.8	0.0	351.0

