

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087830.D
 Acq On : 15 Sep 2025 12:35
 Operator : JC\MD
 Sample : Q3082-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-31

Quant Time: Sep 16 01:34:43 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)

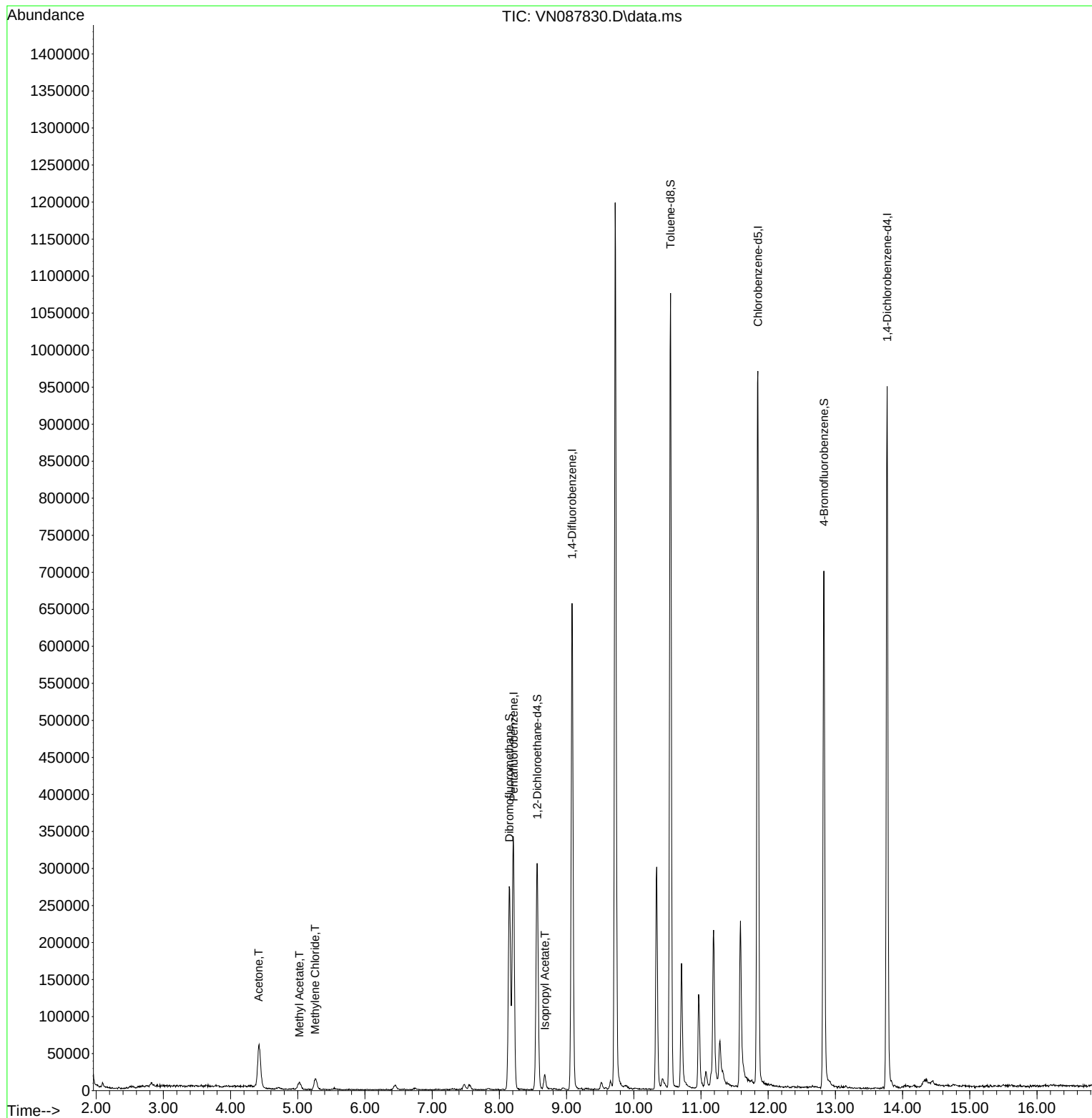
Internal Standards						
1) Pentafluorobenzene	8.212	168	225062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	534258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	549102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	248732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	252254	54.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.400%
35) Dibromofluoromethane	8.147	113	195044	50.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.120%
50) Toluene-d8	10.547	98	721226	49.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.829	95	246401	47.991	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.980%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	111235	44.313	ug/l	93
18) Methyl Acetate	5.024	43	21350	4.062	ug/l	97
20) Methylene Chloride	5.259	84	9923	1.529	ug/l	89
43) Isopropyl Acetate	8.676	43	22571	1.788	ug/l #	91

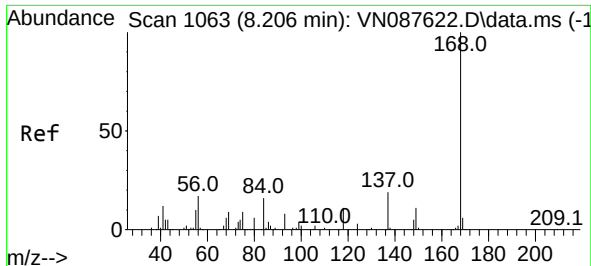
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
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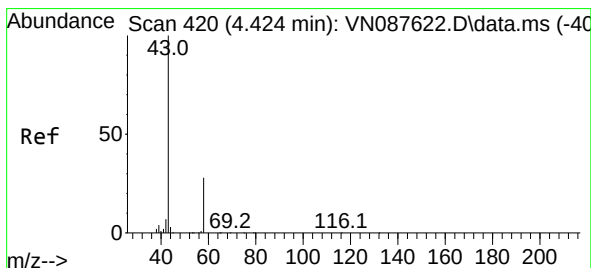
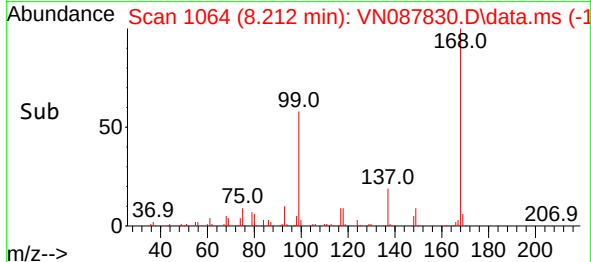
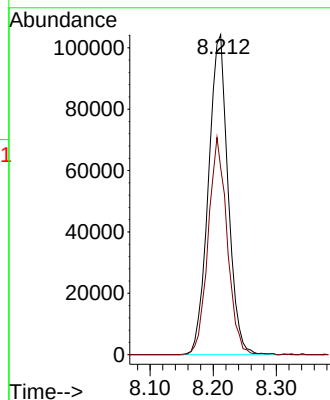
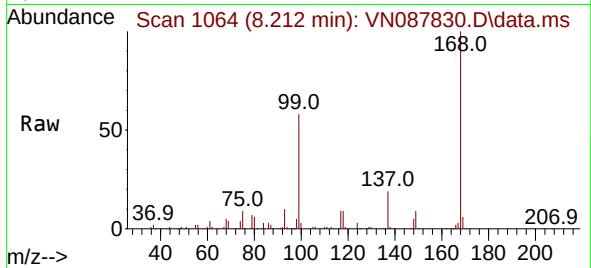




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

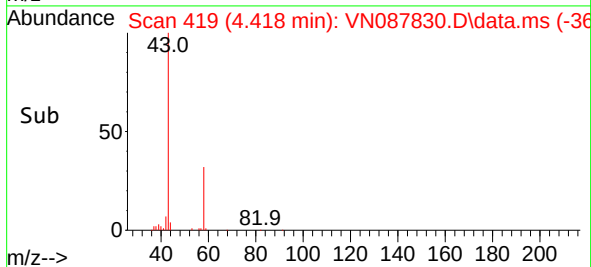
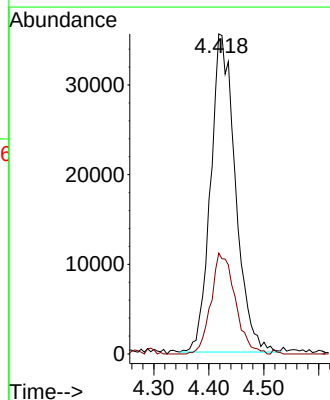
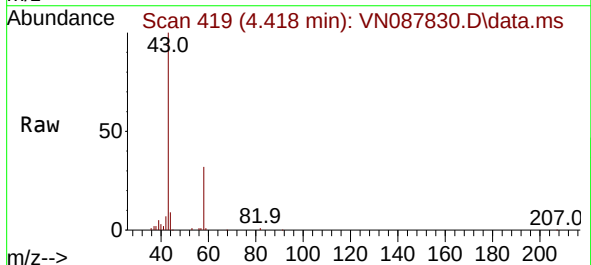
Instrument :
MSVOA_N
ClientSampleId :
WC-31

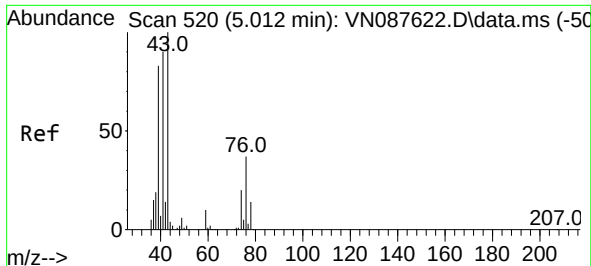
Tgt Ion:168 Resp: 225062
Ion Ratio Lower Upper
168 100
99 58.3 57.2 85.8



#16
Acetone
Concen: 44.313 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

Tgt Ion: 43 Resp: 111235
Ion Ratio Lower Upper
43 100
58 31.7 22.6 33.8

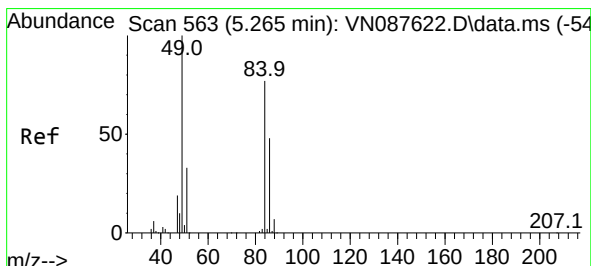
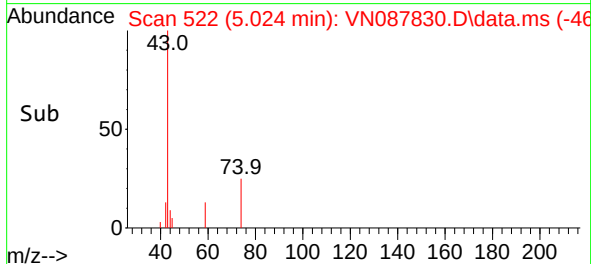
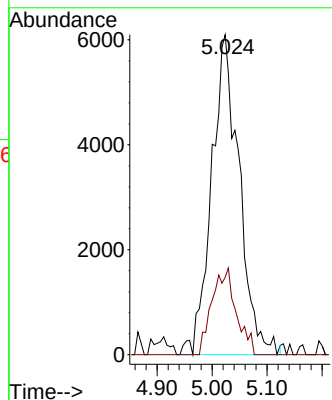
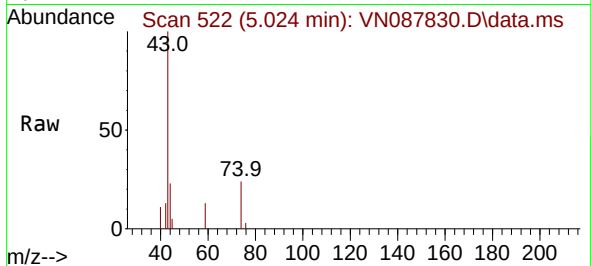




#18
Methyl Acetate
Concen: 4.062 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

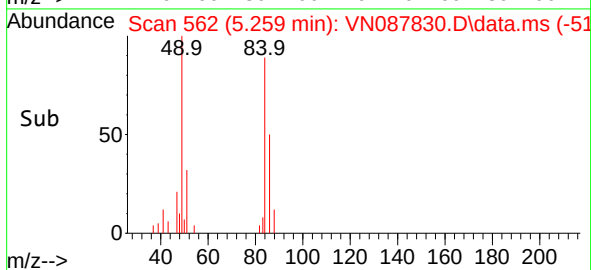
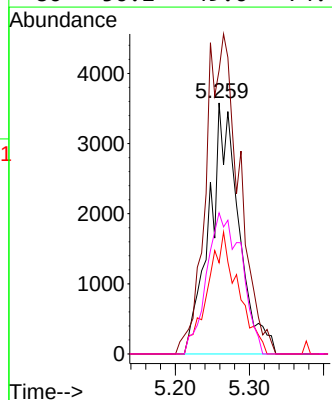
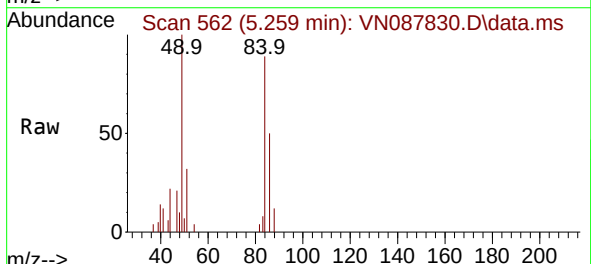
Instrument :
MSVOA_N
ClientSampleId :
WC-31

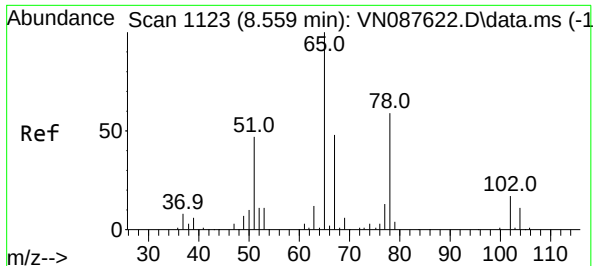
Tgt Ion: 43 Resp: 21350
Ion Ratio Lower Upper
43 100
74 23.6 17.6 26.4



#20
Methylene Chloride
Concen: 1.529 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

Tgt Ion: 84 Resp: 9923
Ion Ratio Lower Upper
84 100
49 113.0 103.4 155.2
51 36.3 33.8 50.8
86 56.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 54.704 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087830.D

Acq: 15 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

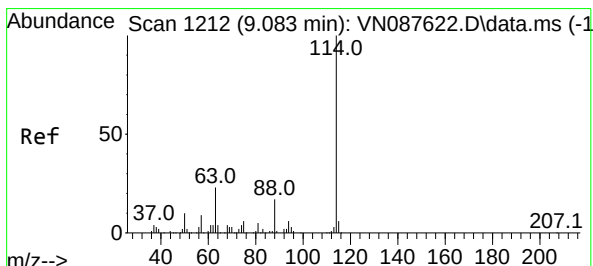
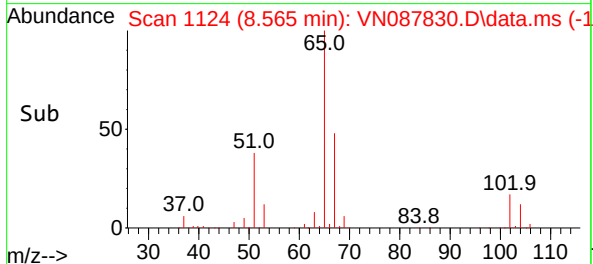
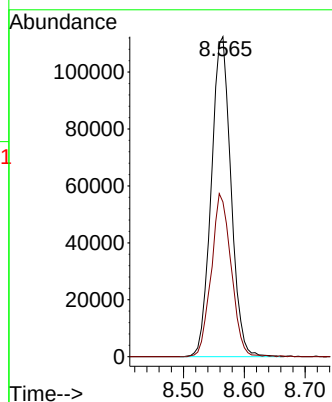
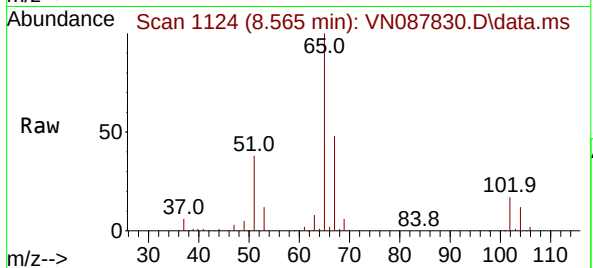
WC-31

Tgt Ion: 65 Resp: 252254

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087830.D

Acq: 15 Sep 2025 12:35

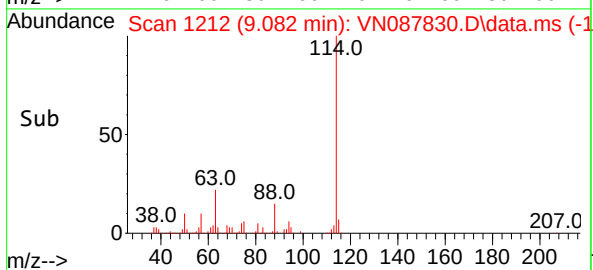
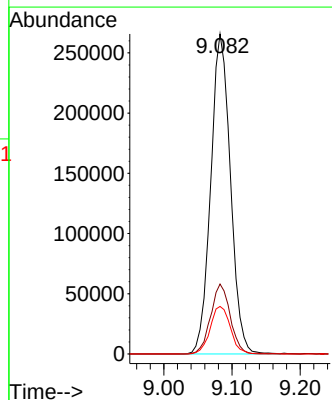
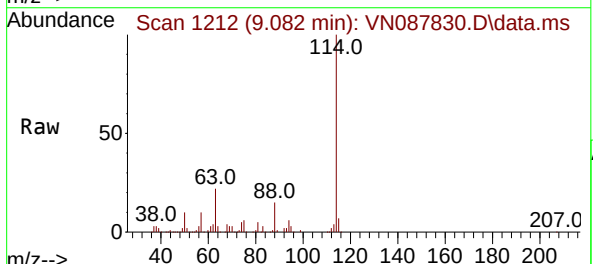
Tgt Ion: 114 Resp: 534258

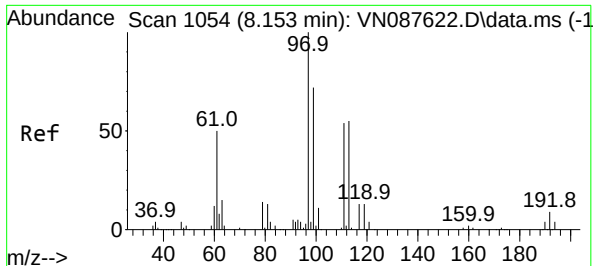
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.564 ug/l

RT: 8.147 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN087830.D

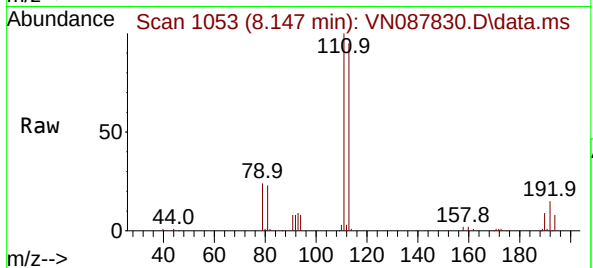
Acq: 15 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

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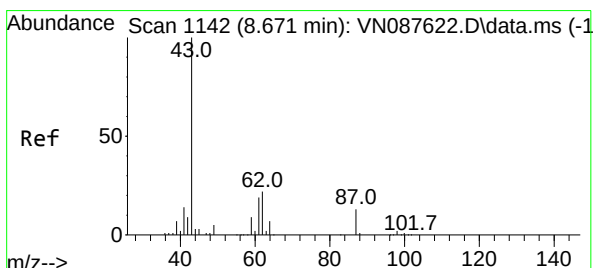
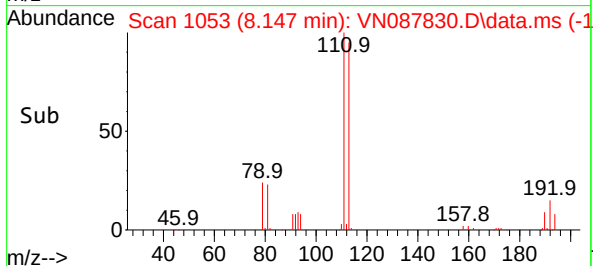
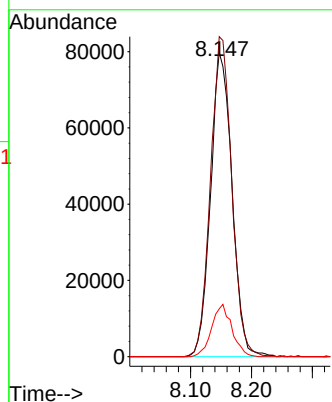
Tgt Ion:113 Resp: 195044

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 16.3 12.8 19.2



#43

Isopropyl Acetate

Concen: 1.788 ug/l

RT: 8.676 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087830.D

Acq: 15 Sep 2025 12:35

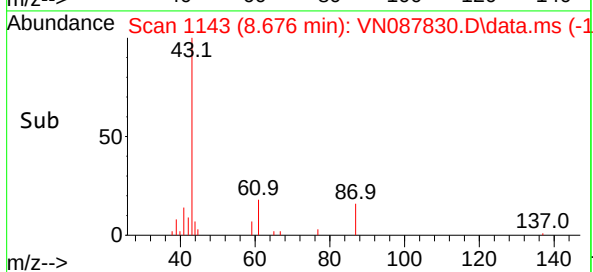
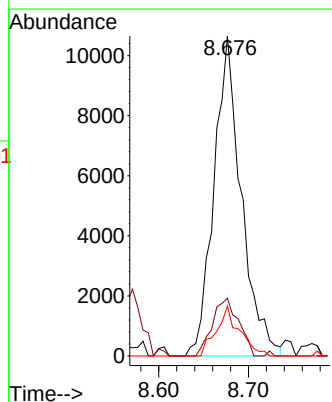
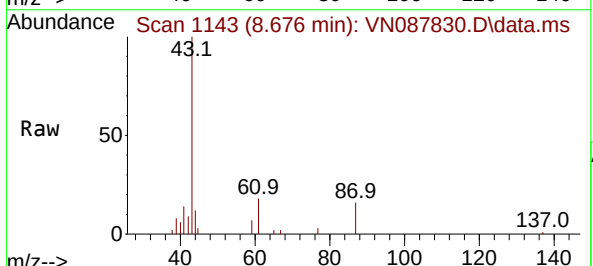
Tgt Ion: 43 Resp: 22571

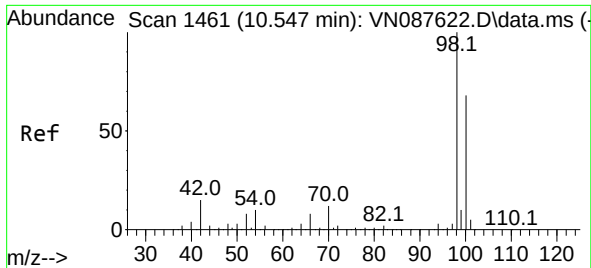
Ion Ratio Lower Upper

43 100

61 17.3 18.8 28.2#

87 13.2 9.6 14.4

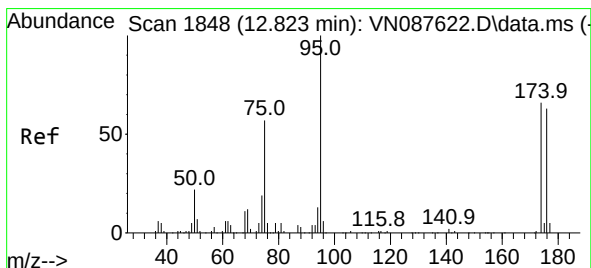
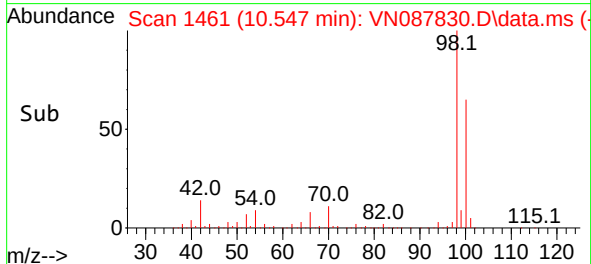
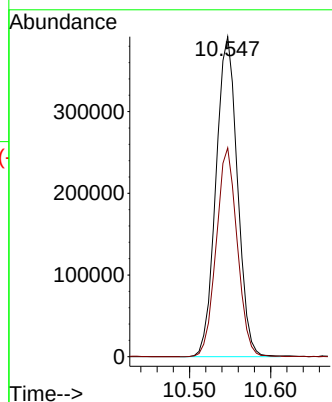
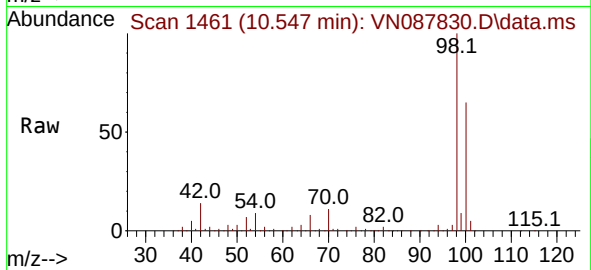




#50
Toluene-d8
Concen: 49.956 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

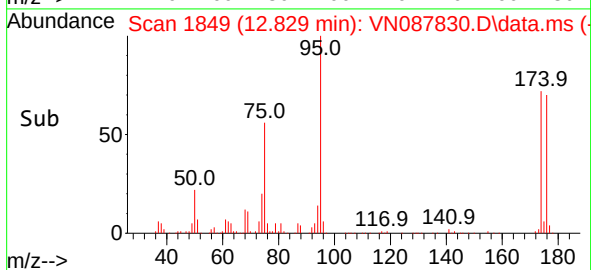
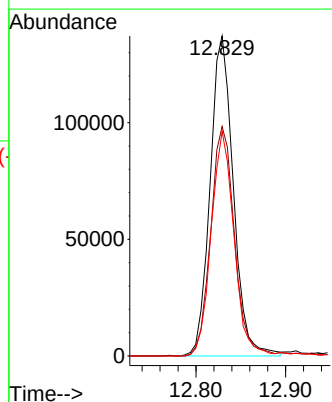
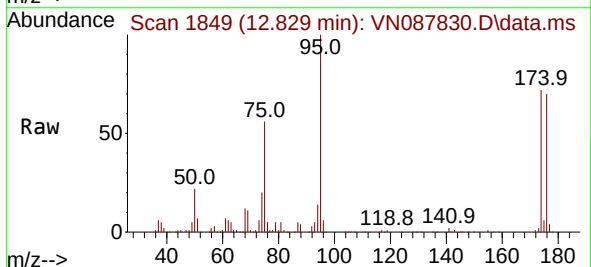
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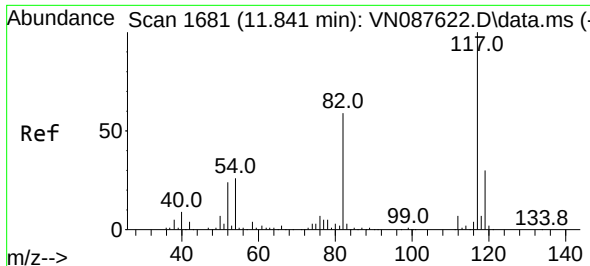
Tgt Ion: 98 Resp: 721226
Ion Ratio Lower Upper
98 100
100 63.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.991 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

Tgt Ion: 95 Resp: 246401
Ion Ratio Lower Upper
95 100
174 74.1 0.0 138.4
176 68.8 0.0 132.6

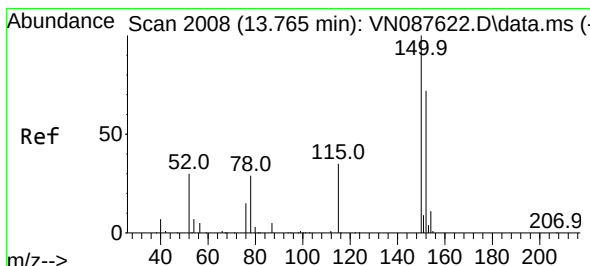
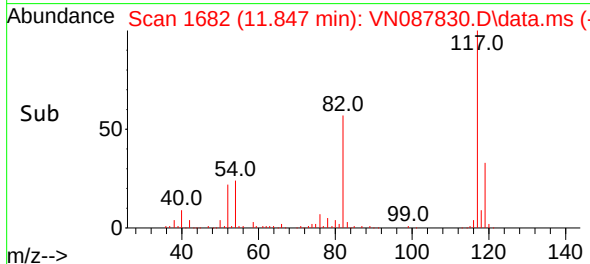
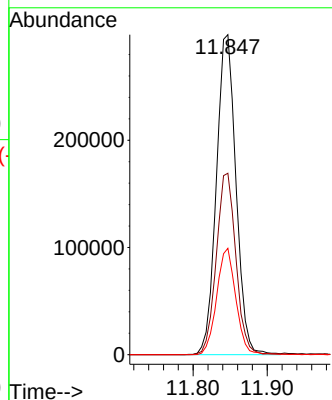
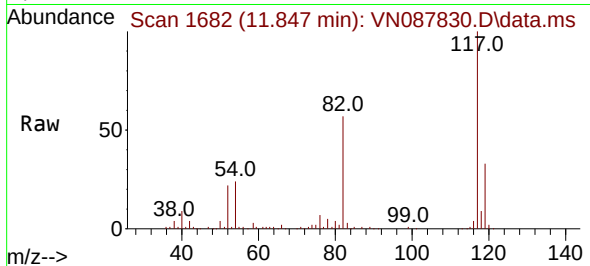




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
WC-31

Tgt Ion:117 Resp: 549102
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 33.3 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087830.D
Acq: 15 Sep 2025 12:35

Tgt Ion:152 Resp: 248732
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 159.1 0.0 351.0

