

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087557.D
 Acq On : 14 Aug 2025 12:03
 Operator : JC\MD
 Sample : Q2832-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TG-S01

Quant Time: Aug 14 15:24:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

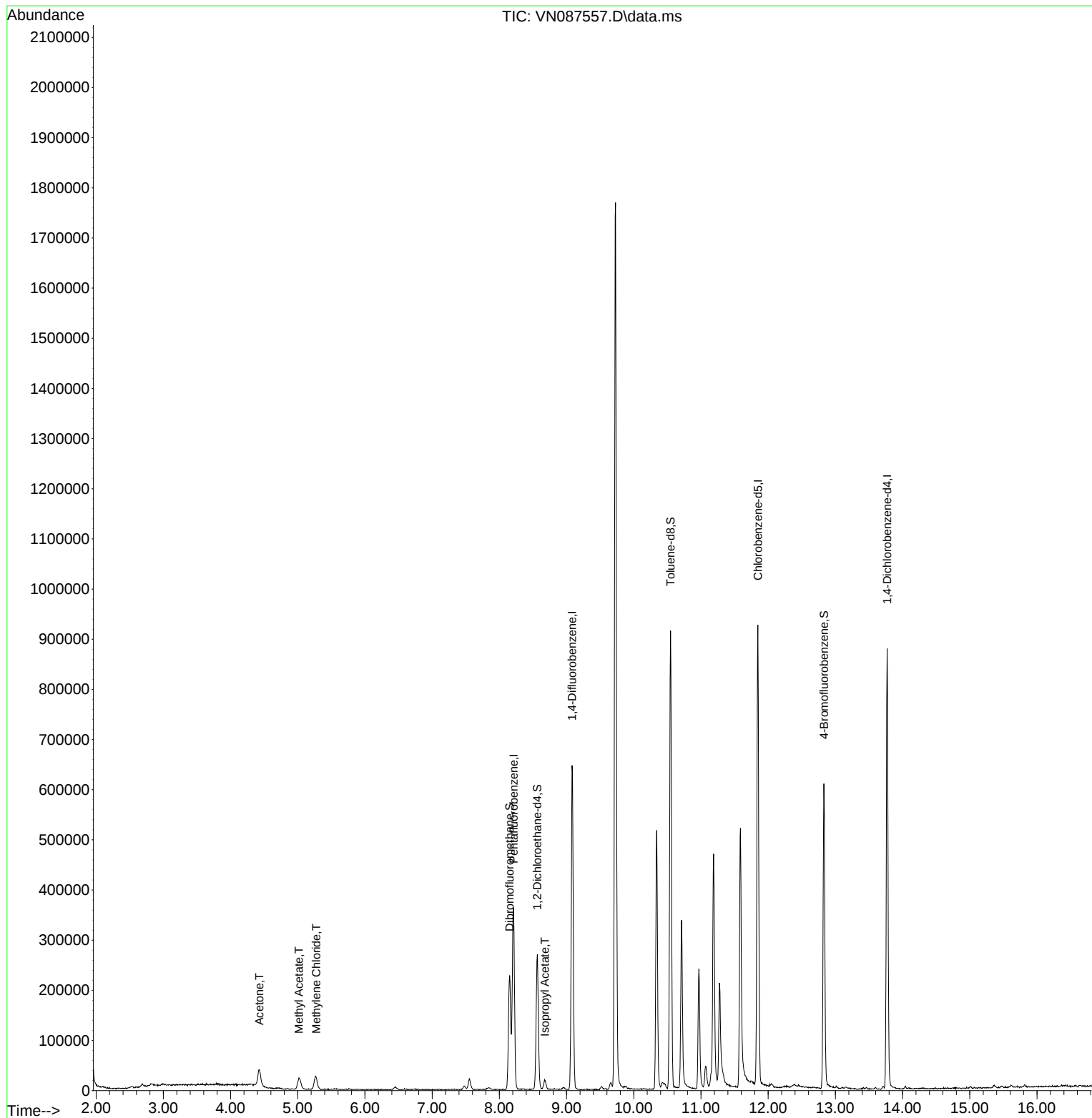
Internal Standards						
1) Pentafluorobenzene	8.212	168	245148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	526488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	494450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	224457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	226430	54.435	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.880%
35) Dibromofluoromethane	8.153	113	161920	44.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.180%
50) Toluene-d8	10.547	98	604289	46.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.829	95	216028	45.136	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.280%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	60663	31.104	ug/l	100
18) Methyl Acetate	5.018	43	50482	10.302	ug/l	99
20) Methylene Chloride	5.277	84	19365	5.301	ug/l	94
43) Isopropyl Acetate	8.677	43	21470	1.996	ug/l #	93

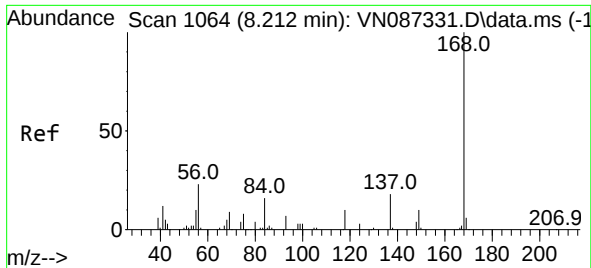
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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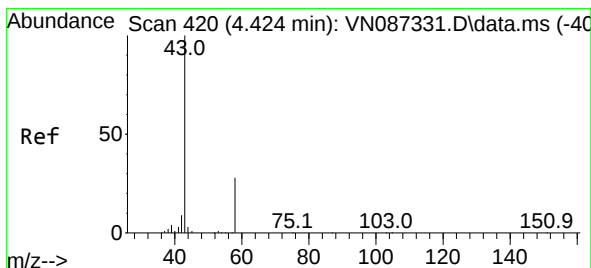
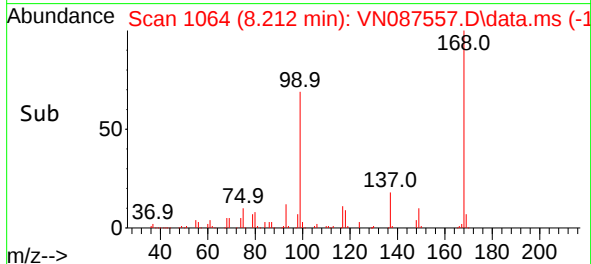
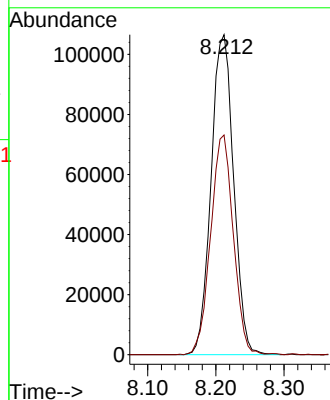
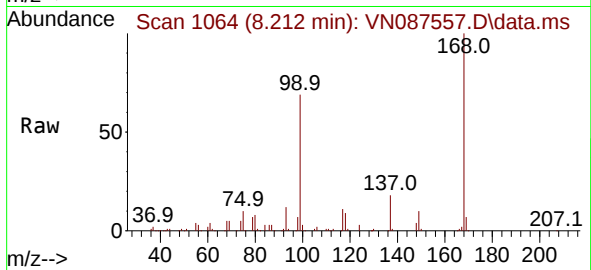




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

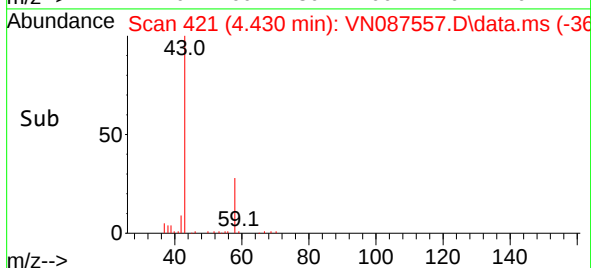
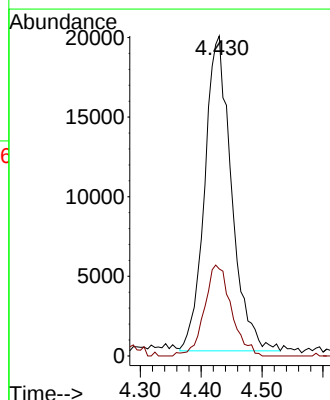
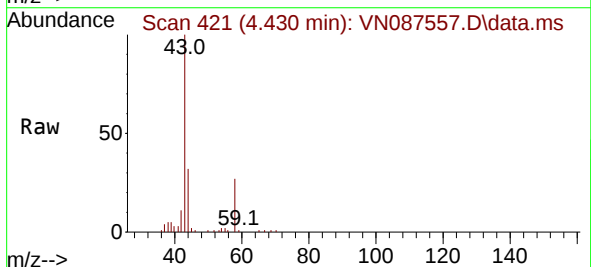
Instrument :
MSVOA_N
ClientSampleId :
TG-S01

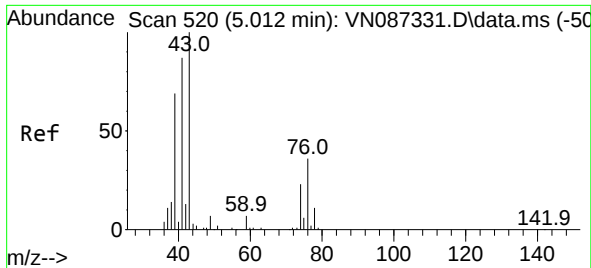
Tgt Ion:168 Resp: 245148
Ion Ratio Lower Upper
168 100
99 68.5 47.9 71.9



#16
Acetone
Concen: 31.104 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

Tgt Ion: 43 Resp: 60663
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5

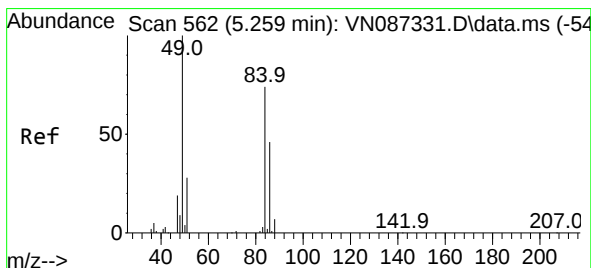
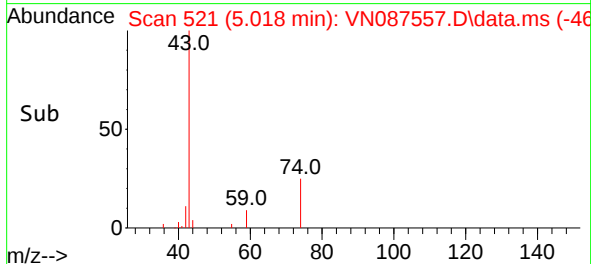
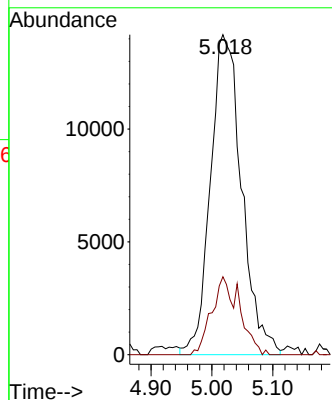
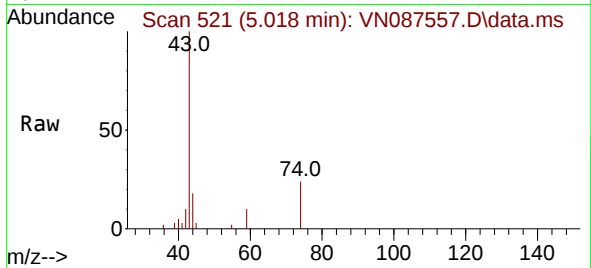




#18
Methyl Acetate
Concen: 10.302 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

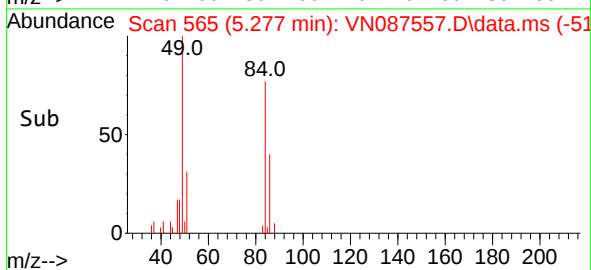
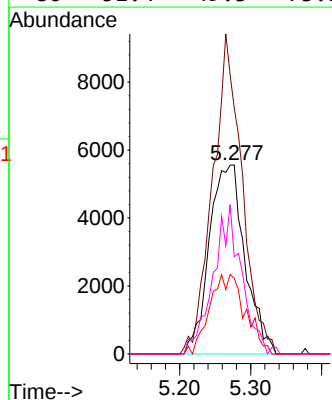
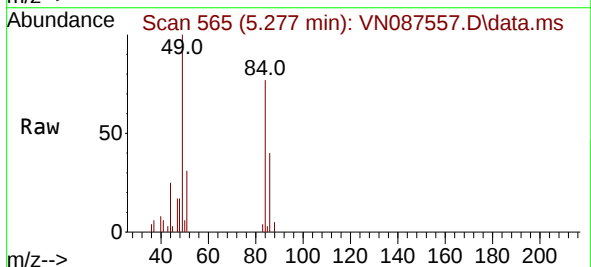
Instrument :
MSVOA_N
ClientSampleId :
TG-S01

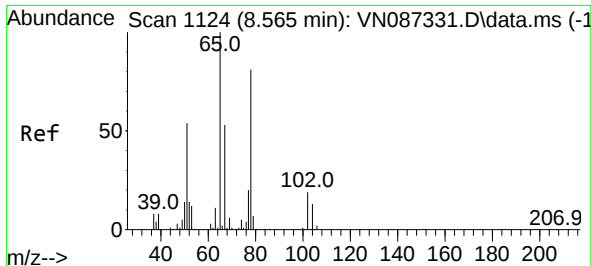
Tgt Ion: 43 Resp: 50482
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 5.301 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.018 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

Tgt Ion: 84 Resp: 19365
Ion Ratio Lower Upper
84 100
49 130.1 107.5 161.3
51 40.0 30.2 45.2
86 51.4 49.3 73.9





#33

1,2-Dichloroethane-d4

Concen: 54.435 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087557.D

Acq: 14 Aug 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

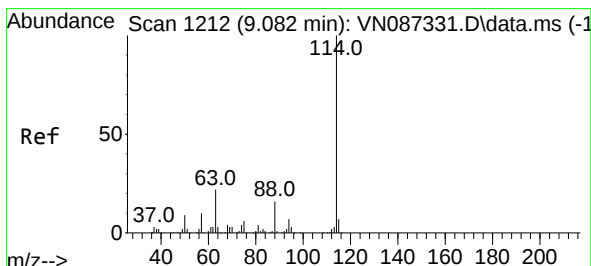
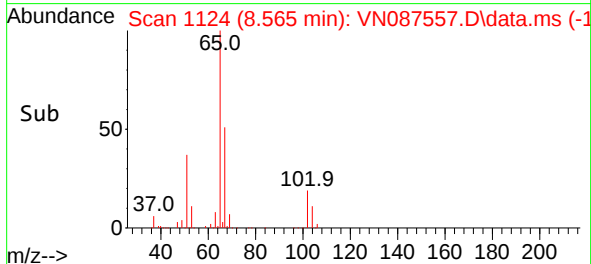
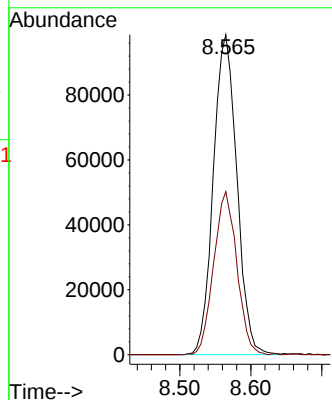
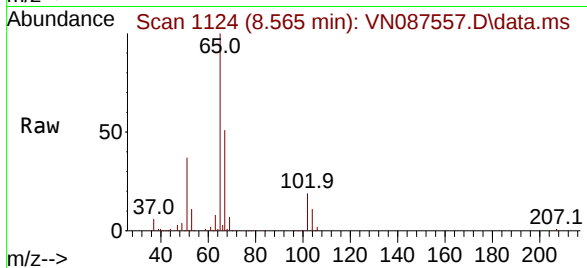
TG-S01

Tgt Ion: 65 Resp: 226430

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087557.D

Acq: 14 Aug 2025 12:03

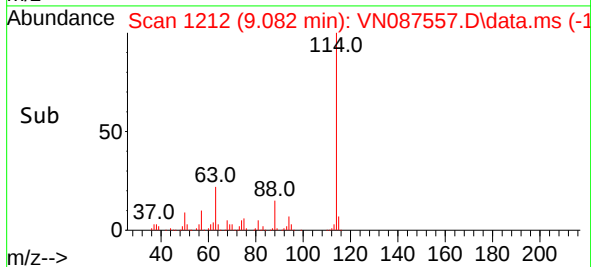
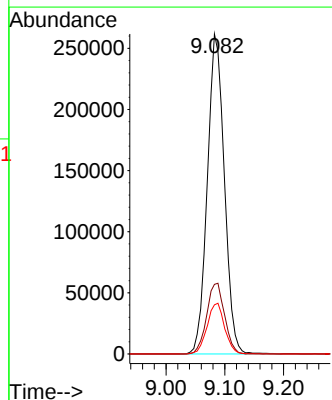
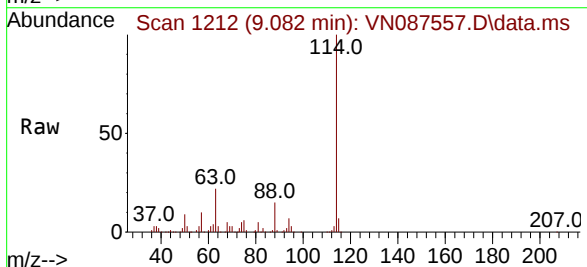
Tgt Ion: 114 Resp: 526488

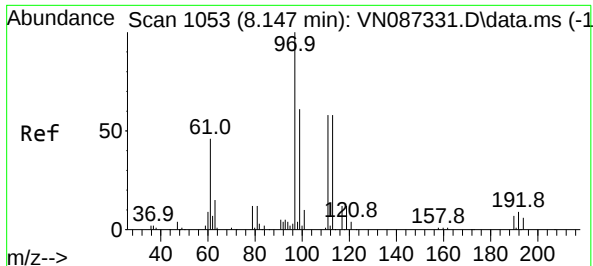
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.585 ug/l

RT: 8.153 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN087557.D

Acq: 14 Aug 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

TG-S01

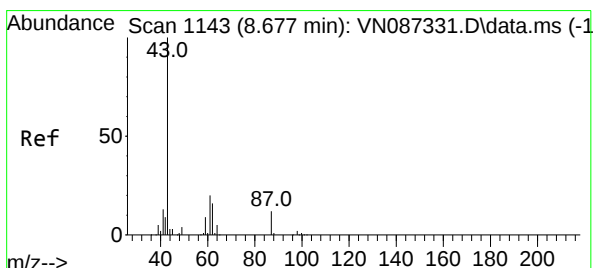
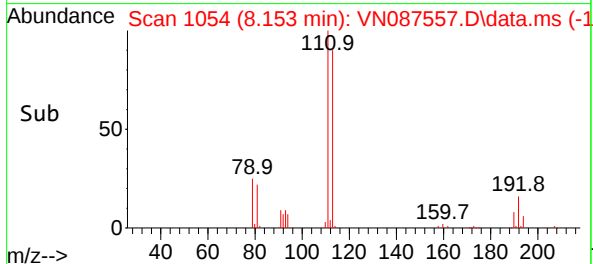
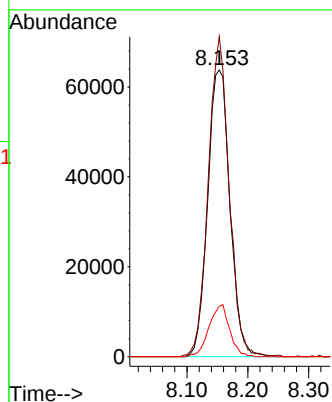
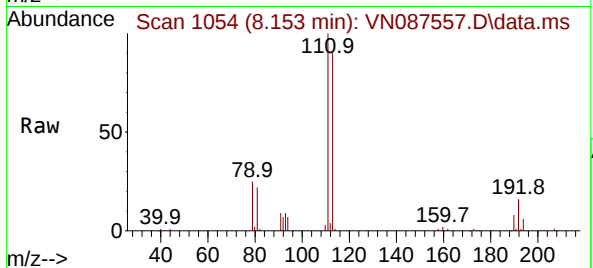
Tgt Ion:113 Resp: 161920

Ion Ratio Lower Upper

113 100

111 104.6 82.5 123.7

192 16.8 13.7 20.5



#43

Isopropyl Acetate

Concen: 1.996 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087557.D

Acq: 14 Aug 2025 12:03

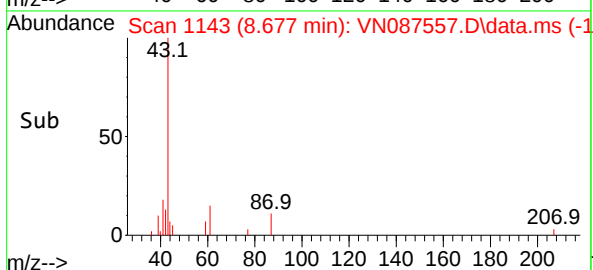
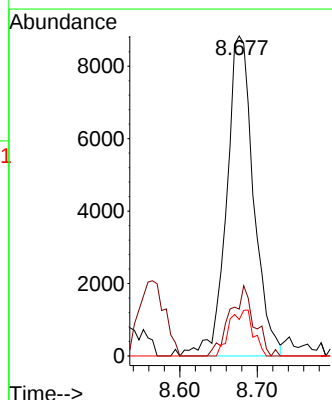
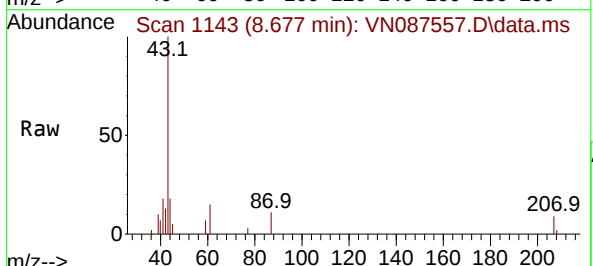
Tgt Ion: 43 Resp: 21470

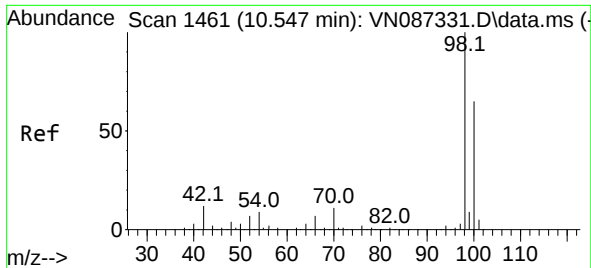
Ion Ratio Lower Upper

43 100

61 19.6 19.8 29.8#

87 12.6 9.8 14.6

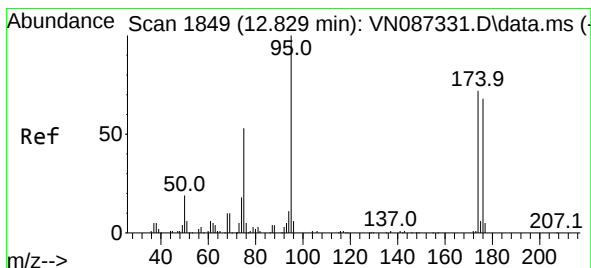
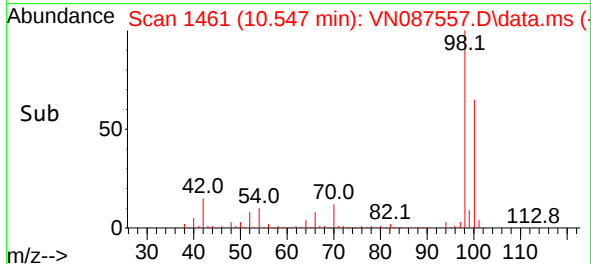
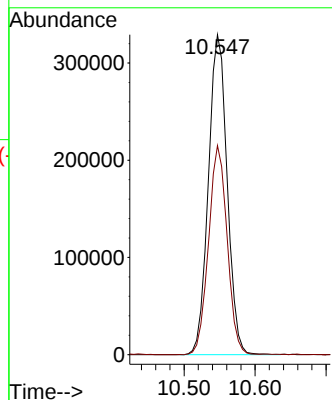
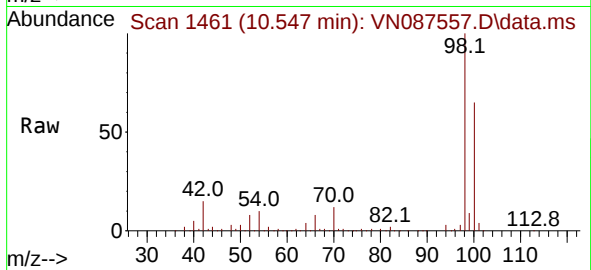




#50
Toluene-d8
Concen: 46.646 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

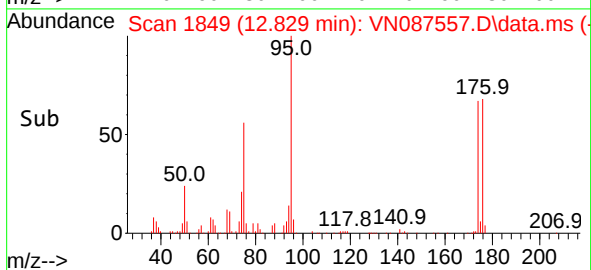
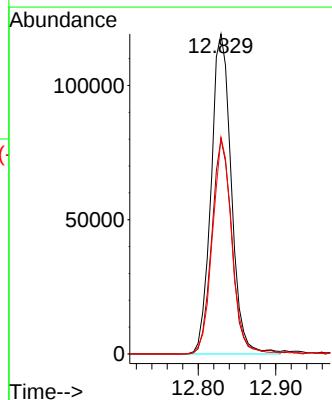
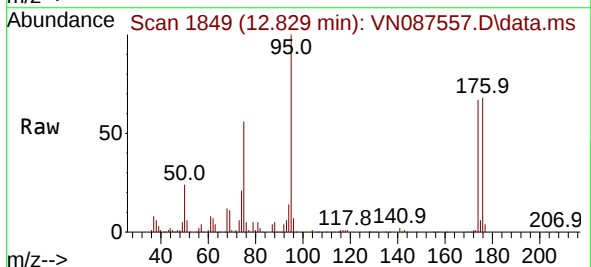
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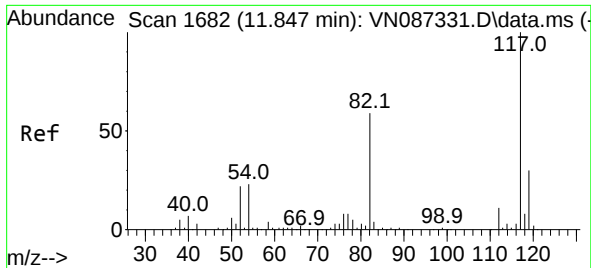
Tgt Ion: 98 Resp: 604289
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.136 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

Tgt Ion: 95 Resp: 216028
Ion Ratio Lower Upper
95 100
174 67.2 0.0 149.4
176 64.9 0.0 141.2

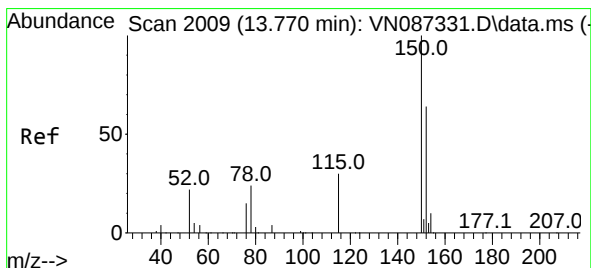
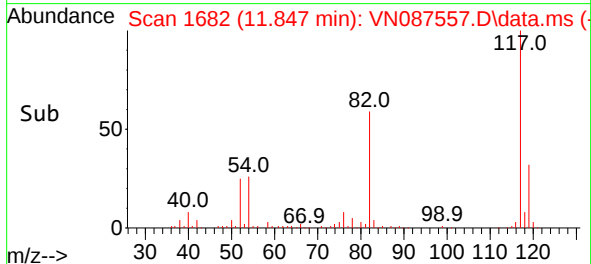
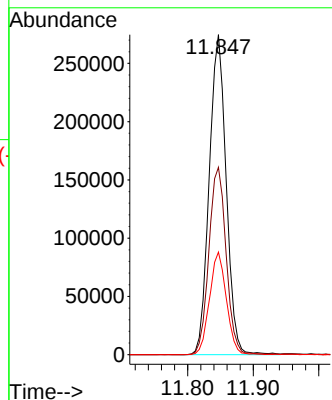
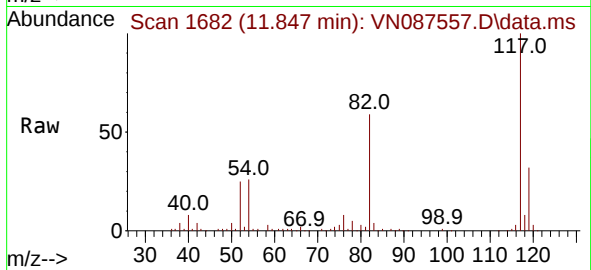




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion:117 Resp: 494450
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.1 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087557.D
Acq: 14 Aug 2025 12:03

Tgt Ion:152 Resp: 224457
Ion Ratio Lower Upper
152 100
115 63.7 31.1 93.5
150 156.8 0.0 349.0

