

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088256.D
 Acq On : 11 Nov 2025 14:45
 Operator : JC\MD
 Sample : Q3601-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 12 01:16:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

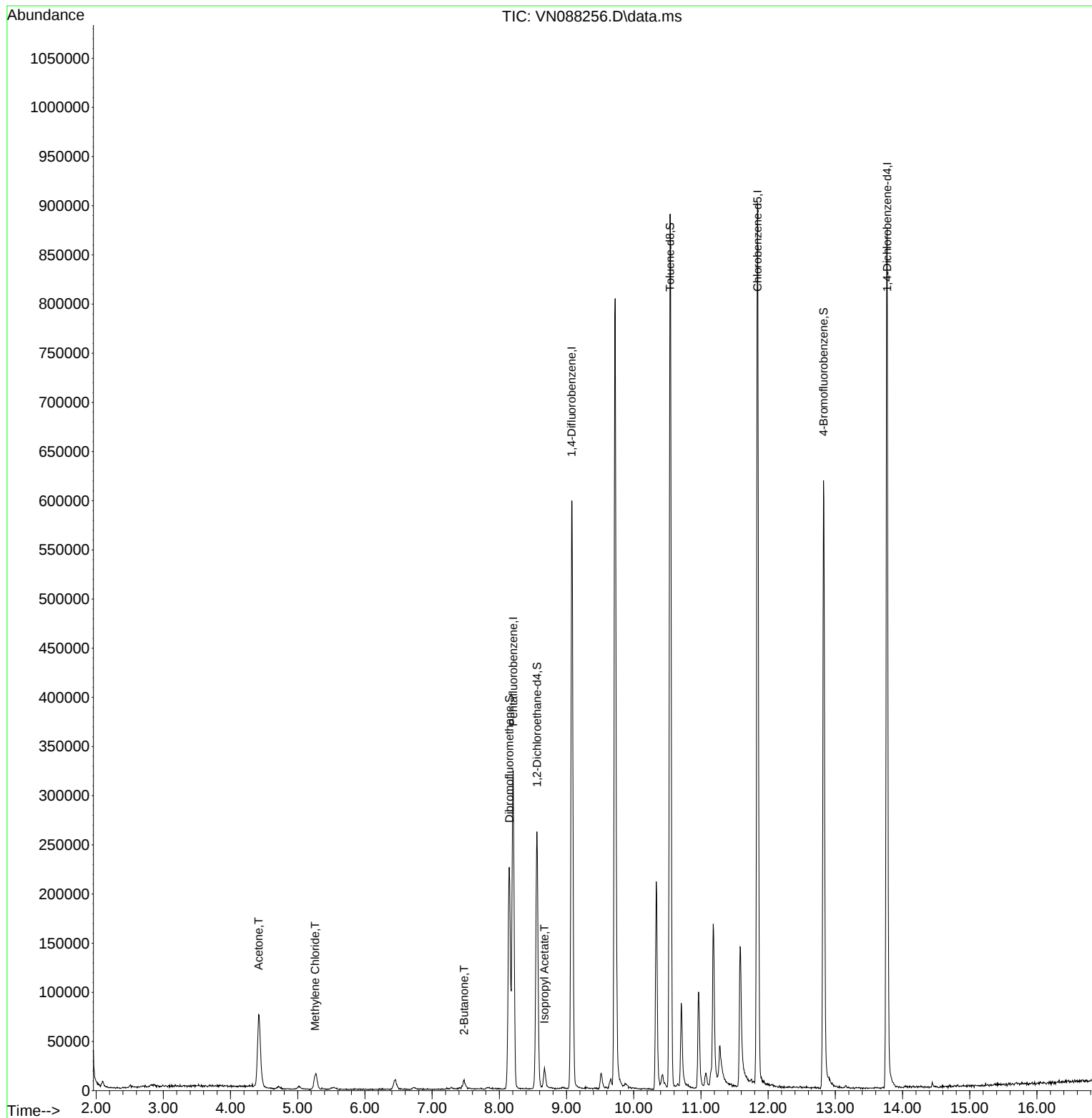
Internal Standards						
1) Pentafluorobenzene	8.206	168	210535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	485695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	480433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	228833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	218341	59.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.940%
35) Dibromofluoromethane	8.147	113	159708	48.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	10.541	98	595314	47.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.824	95	229687	51.729	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.460%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	154787	84.630	ug/l	96
20) Methylene Chloride	5.259	84	12293	4.004	ug/l #	79
25) 2-Butanone	7.477	43	17144	7.113	ug/l	98
43) Isopropyl Acetate	8.671	43	25129	2.660	ug/l #	90

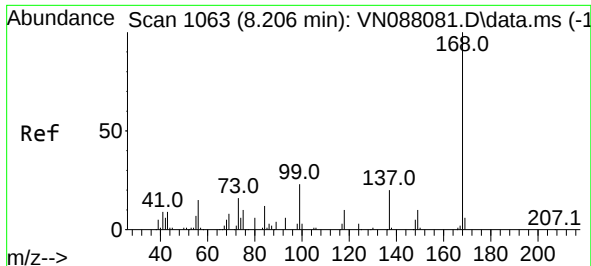
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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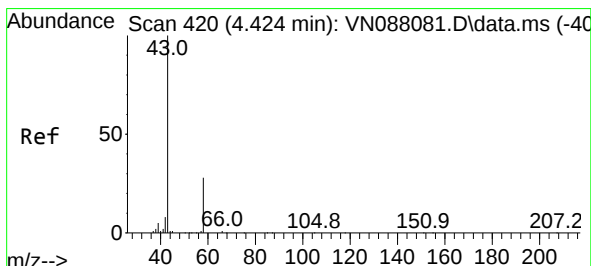
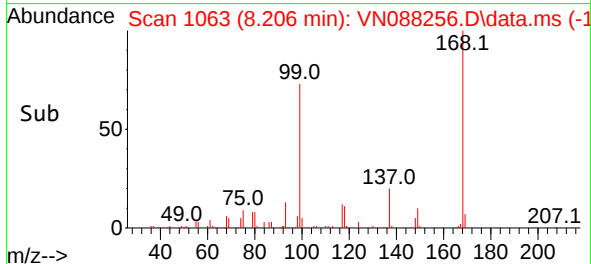
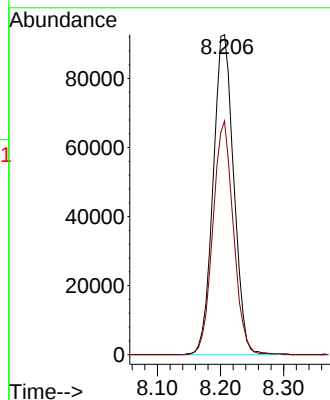
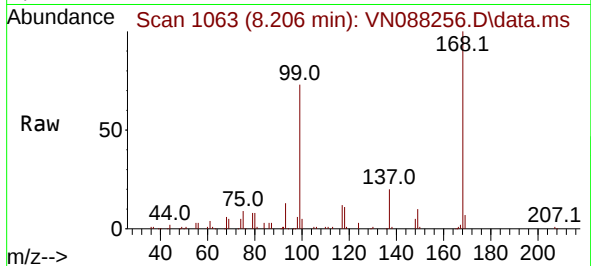




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

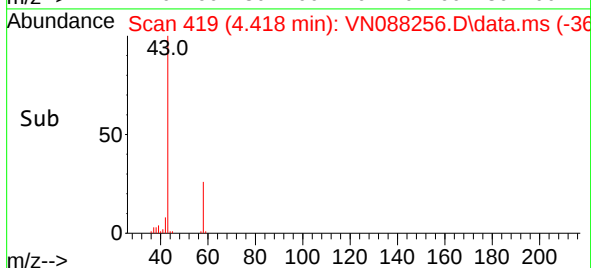
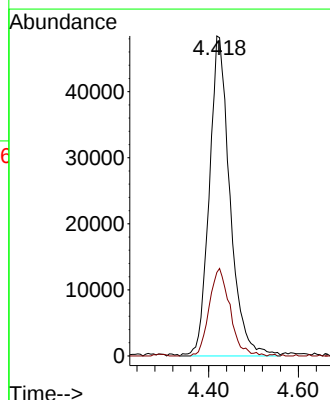
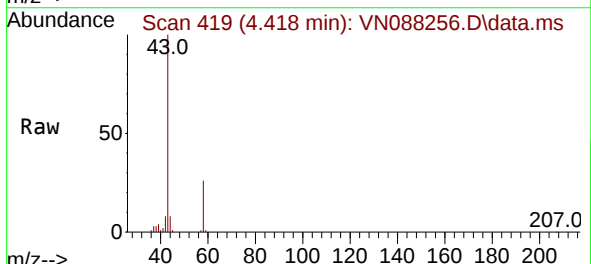
Instrument :
MSVOA_N
ClientSampleId :
TP-1

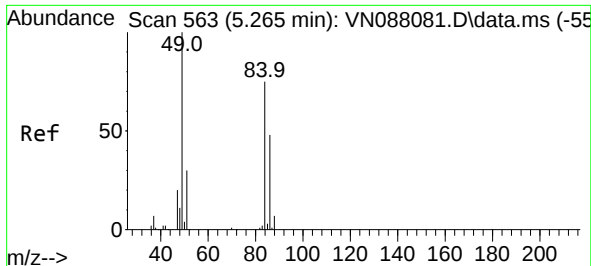
Tgt Ion:168 Resp: 210535
Ion Ratio Lower Upper
168 100
99 73.1 57.2 85.8



#16
Acetone
Concen: 84.630 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

Tgt Ion: 43 Resp: 154787
Ion Ratio Lower Upper
43 100
58 26.1 22.6 33.8

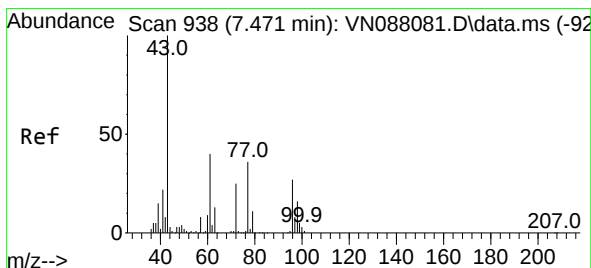
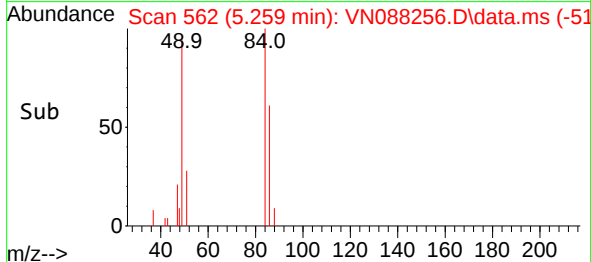
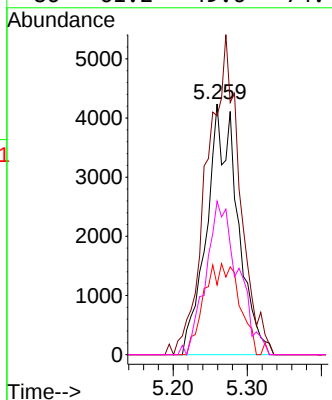
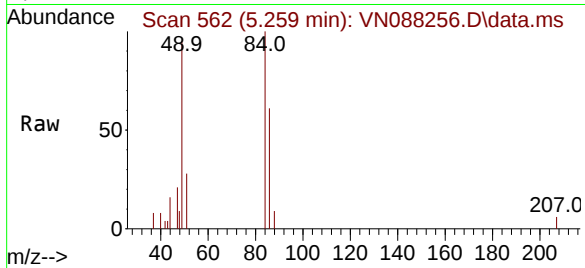




#20
Methylene Chloride
Concen: 4.004 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

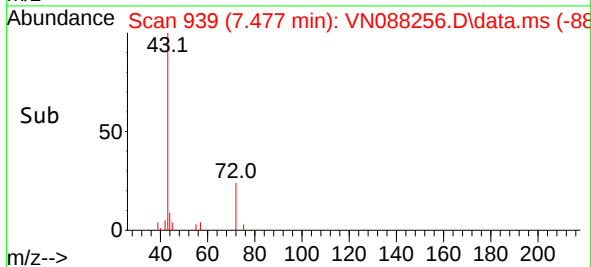
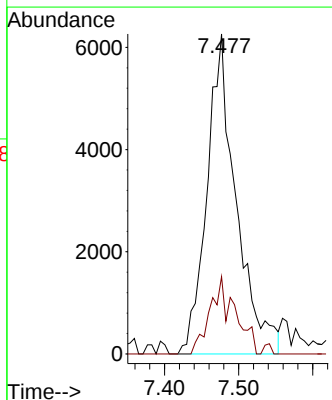
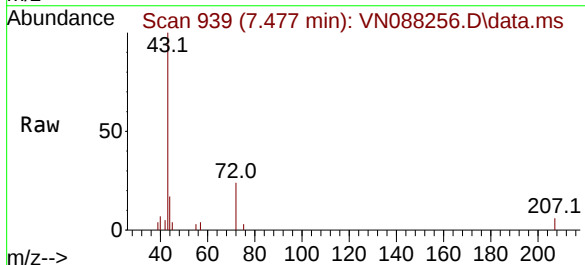
Instrument :
MSVOA_N
ClientSampleId :
TP-1

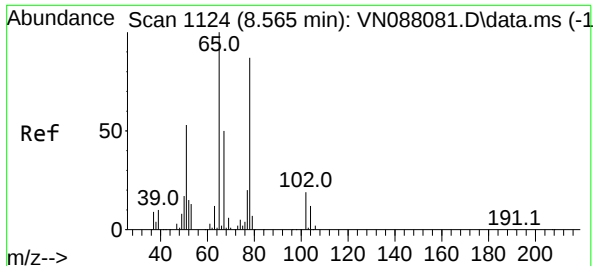
Tgt Ion:	84	Resp:	12293
Ion	Ratio	Lower	Upper
84	100		
49	95.3	103.4	155.2#
51	27.9	33.8	50.8#
86	61.2	49.6	74.4



#25
2-Butanone
Concen: 7.113 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

Tgt Ion:	43	Resp:	17144
Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 59.974 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088256.D

Acq: 11 Nov 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

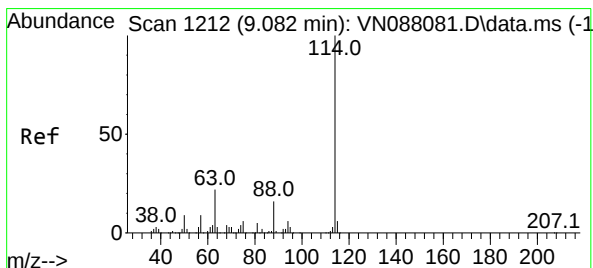
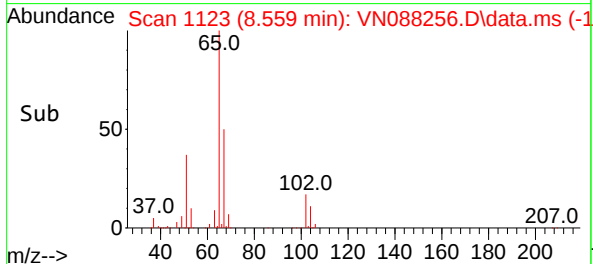
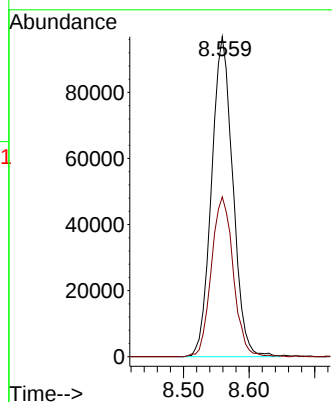
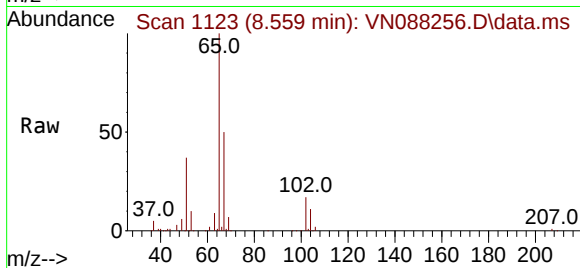
TP-1

Tgt Ion: 65 Resp: 218341

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088256.D

Acq: 11 Nov 2025 14:45

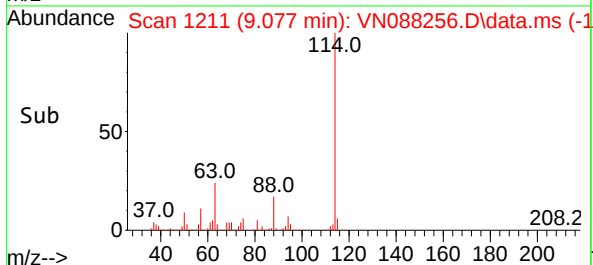
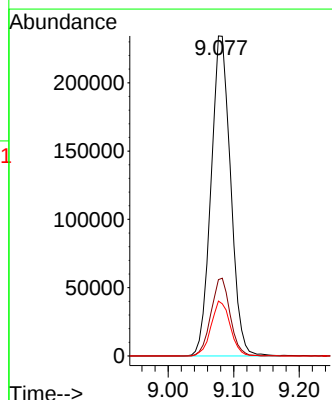
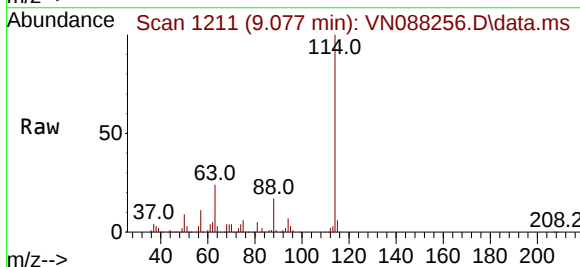
Tgt Ion: 114 Resp: 485695

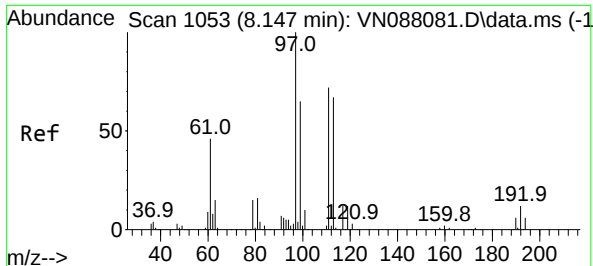
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.2

88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.946 ug/l

RT: 8.147 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN088256.D

Acq: 11 Nov 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

TP-1

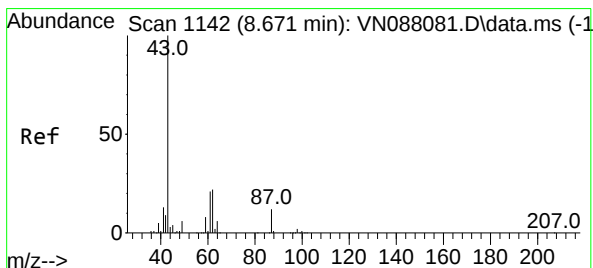
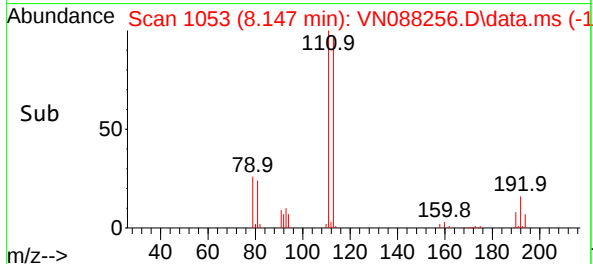
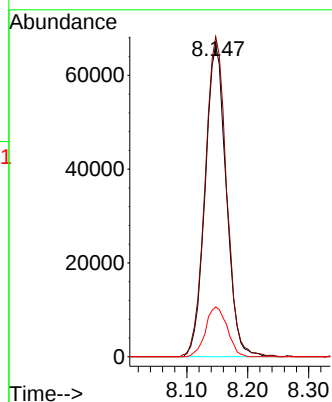
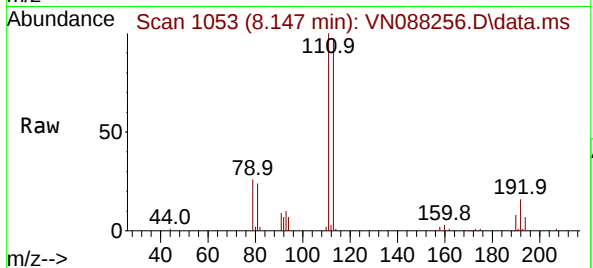
Tgt Ion:113 Resp: 159708

Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

192 16.4 12.8 19.2



#43

Isopropyl Acetate

Concen: 2.660 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN088256.D

Acq: 11 Nov 2025 14:45

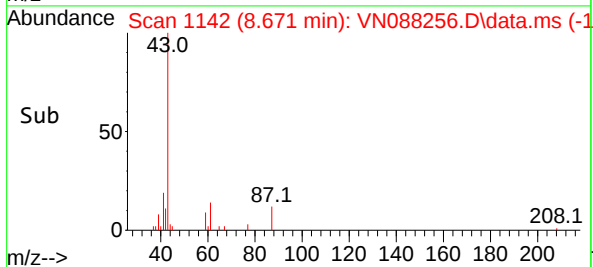
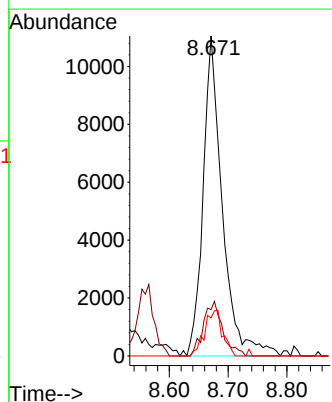
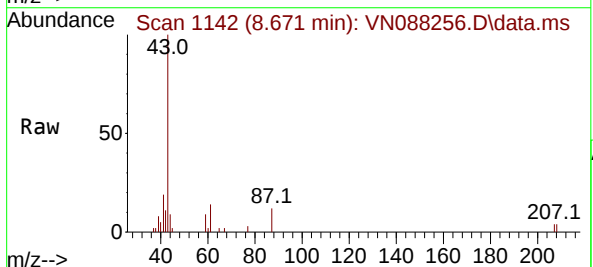
Tgt Ion: 43 Resp: 25129

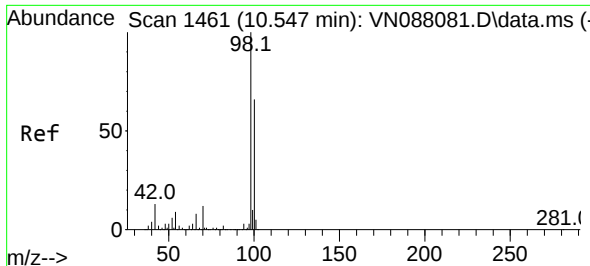
Ion Ratio Lower Upper

43 100

61 17.0 18.8 28.2#

87 13.4 9.6 14.4

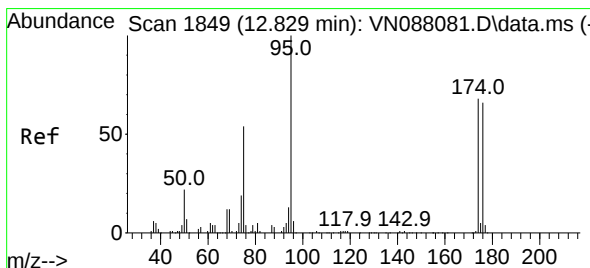
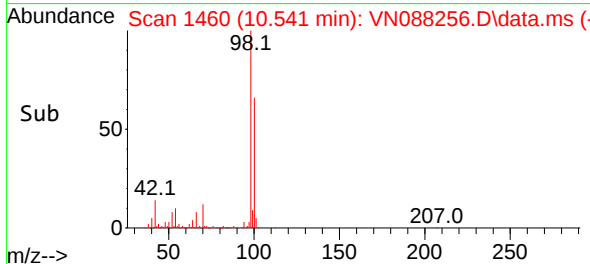
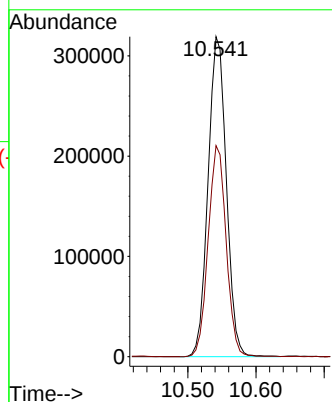
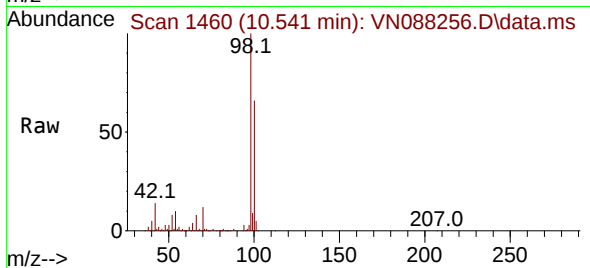




#50
Toluene-d8
Concen: 47.350 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

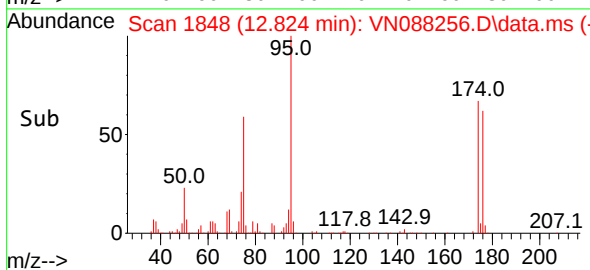
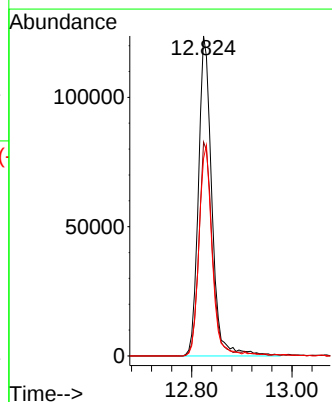
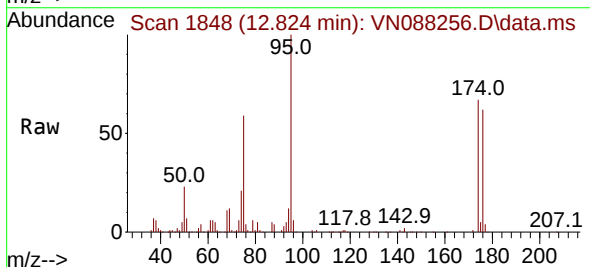
Instrument :
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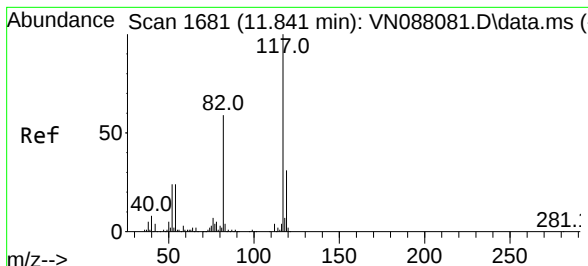
Tgt Ion: 98 Resp: 595314
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.729 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

Tgt Ion: 95 Resp: 229687
Ion Ratio Lower Upper
95 100
174 65.9 0.0 138.4
176 64.1 0.0 132.6

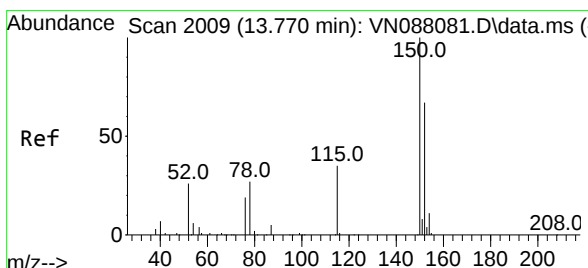
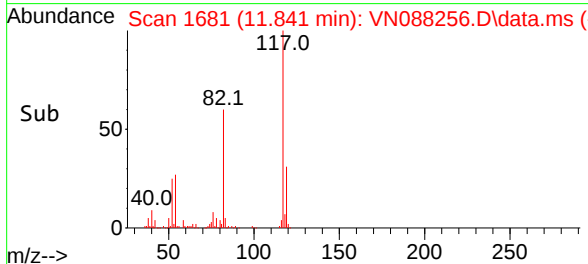
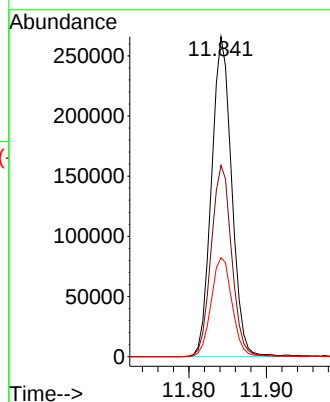
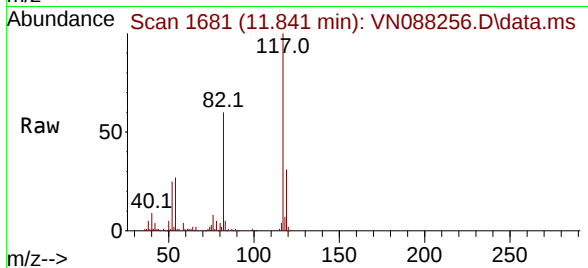




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 480433
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.0 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088256.D
Acq: 11 Nov 2025 14:45

Tgt Ion:152 Resp: 228833
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 159.6 0.0 351.0

