

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088206.D
 Acq On : 06 Nov 2025 15:10
 Operator : JC\MD
 Sample : Q3532-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 07 02:20:14 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)

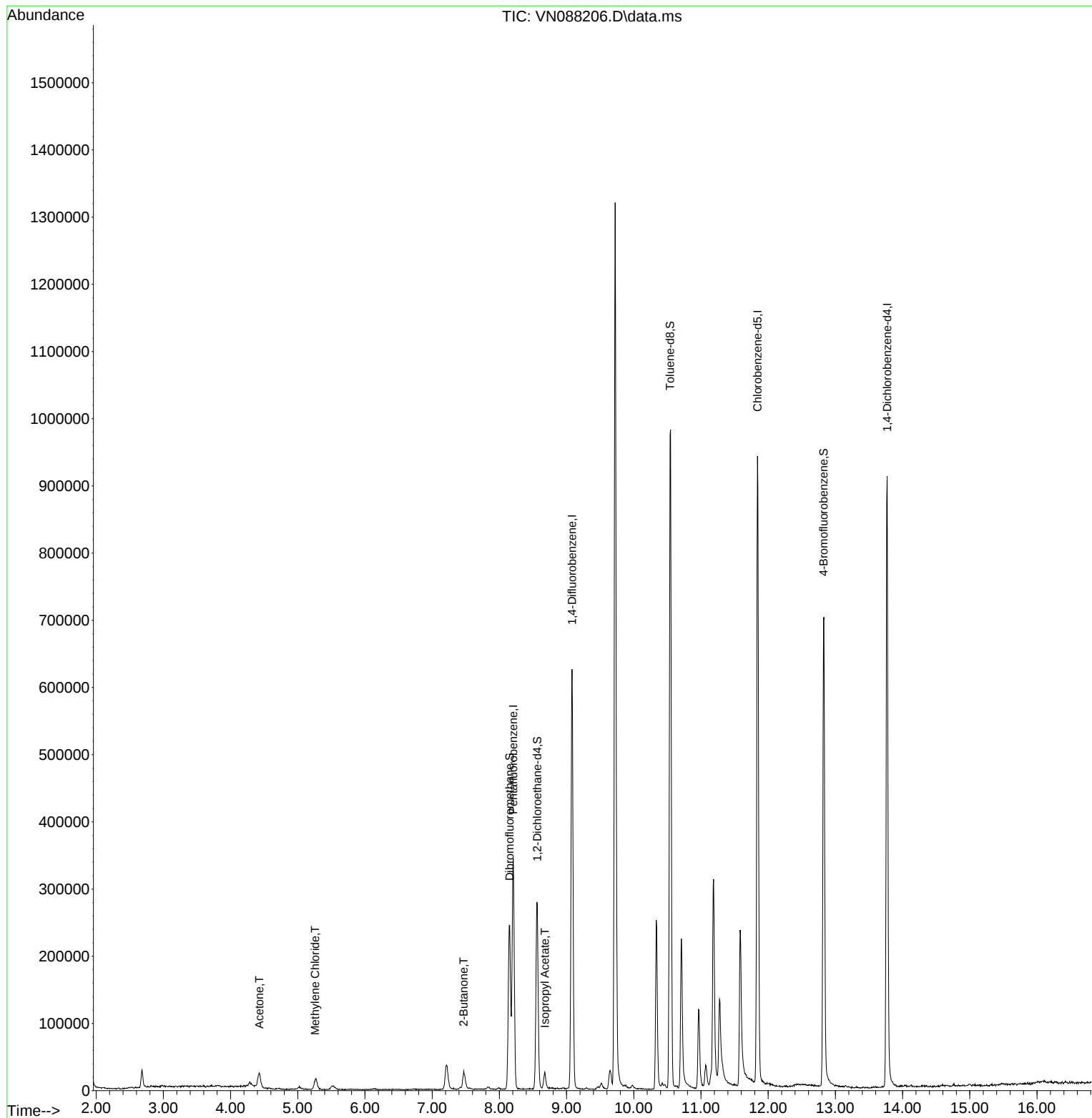
Internal Standards						
1) Pentafluorobenzene	8.206	168	224306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	519367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	506591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	239334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	237460	61.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.440%	
35) Dibromofluoromethane	8.153	113	176717	50.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.541	98	670928	49.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.823	95	266991	56.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	41118	21.101	ug/l	98
20) Methylene Chloride	5.259	84	12158	3.717	ug/l #	96
25) 2-Butanone	7.471	43	46781	18.217	ug/l	100
43) Isopropyl Acetate	8.677	43	30171	2.987	ug/l #	90

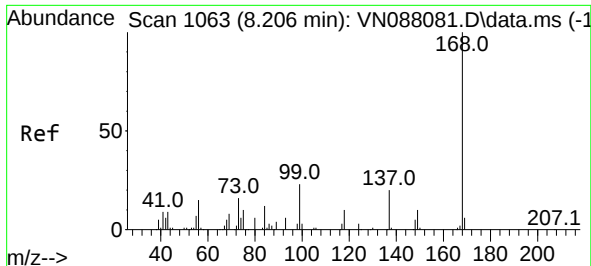
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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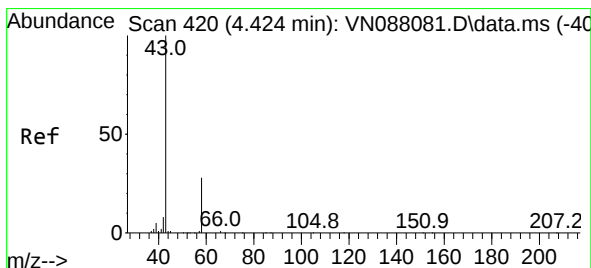
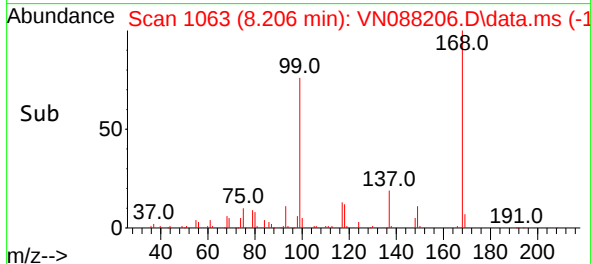
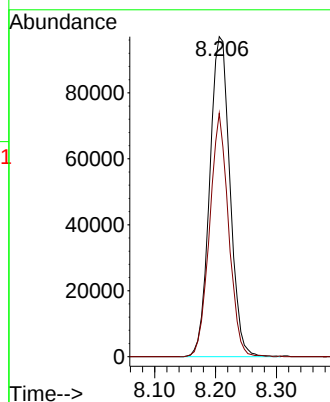
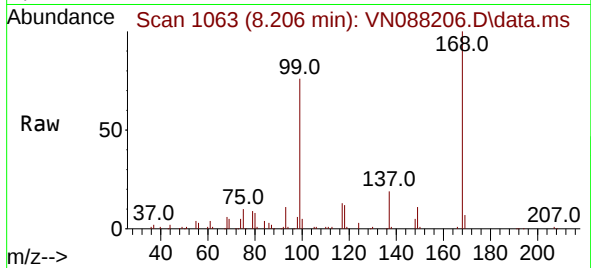




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

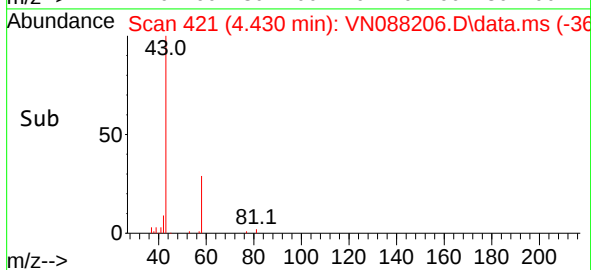
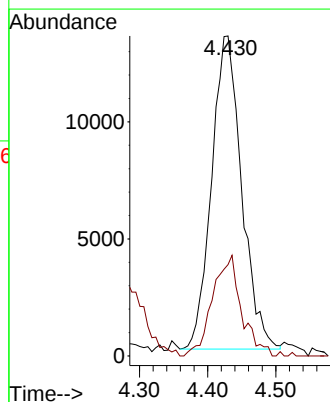
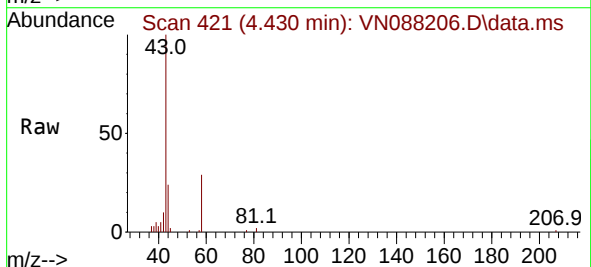
Instrument :
MSVOA_N
ClientSampleId :
TP-1

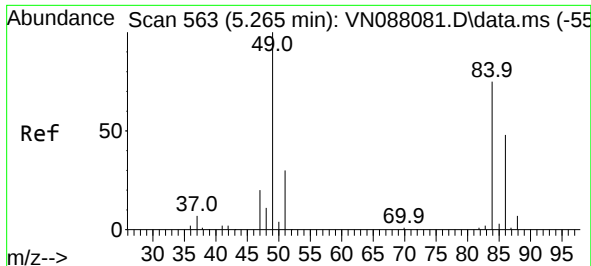
Tgt Ion:168 Resp: 224306
Ion Ratio Lower Upper
168 100
99 76.1 57.2 85.8



#16
Acetone
Concen: 21.101 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

Tgt Ion: 43 Resp: 41118
Ion Ratio Lower Upper
43 100
58 29.2 22.6 33.8



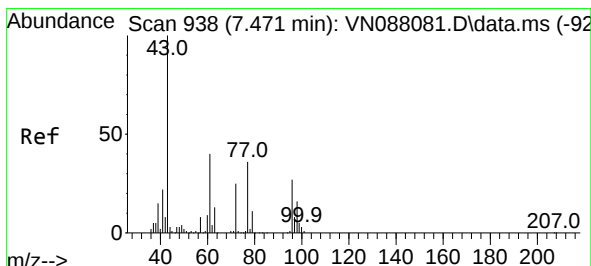
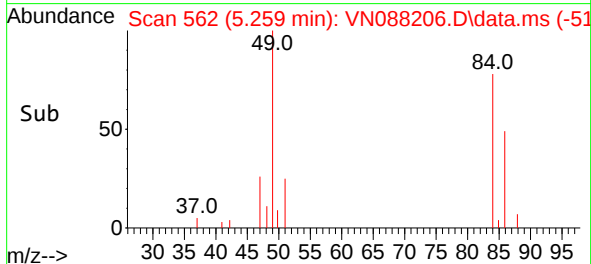
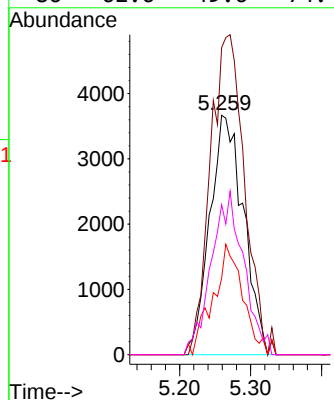
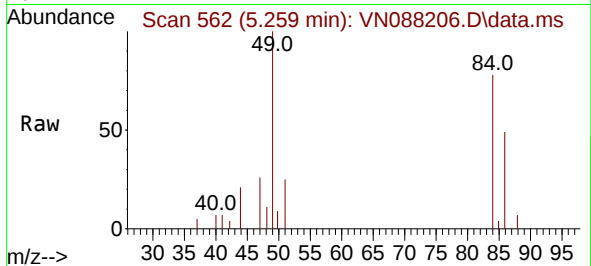


#20
Methylene Chloride
Concen: 3.717 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 12158

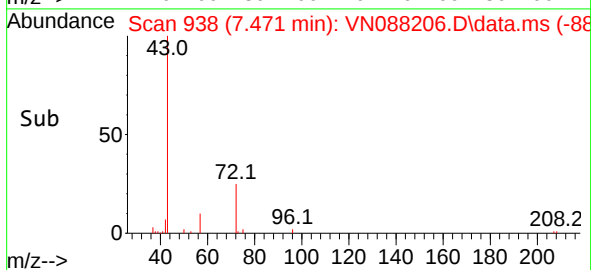
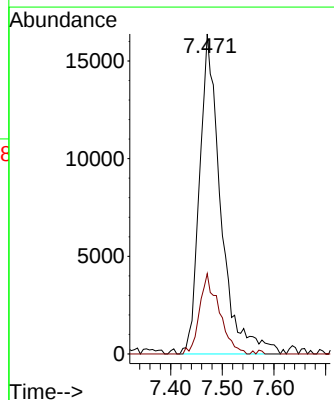
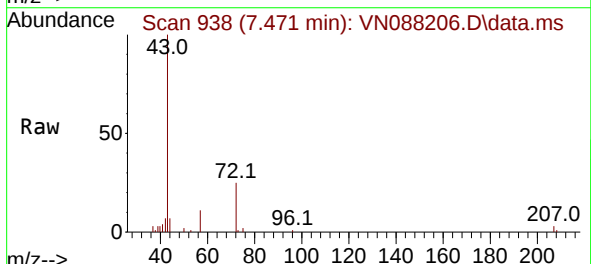
Ion	Ratio	Lower	Upper
84	100		
49	128.2	103.4	155.2
51	31.9	33.8	50.8
86	62.6	49.6	74.4

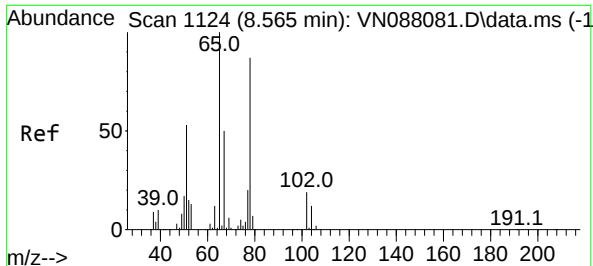


#25
2-Butanone
Concen: 18.217 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

Tgt Ion: 43 Resp: 46781

Ion	Ratio	Lower	Upper
43	100		
72	25.1	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 61.221 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088206.D

Acq: 06 Nov 2025 15:10

Instrument :

MSVOA_N

ClientSampleId :

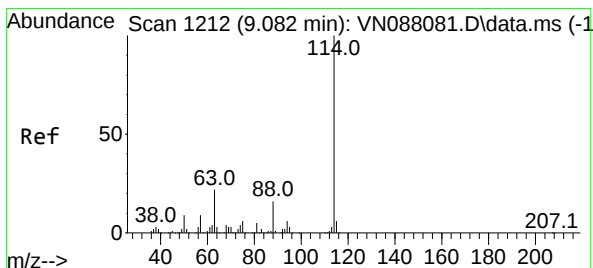
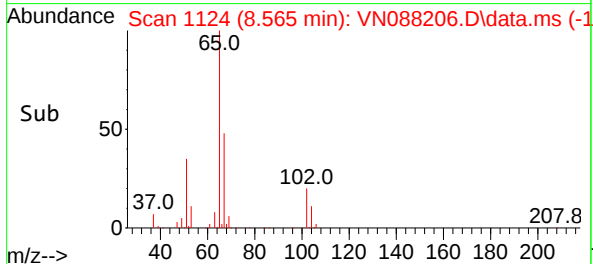
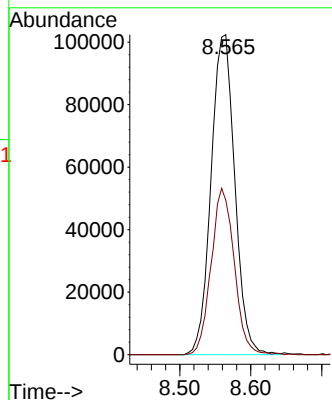
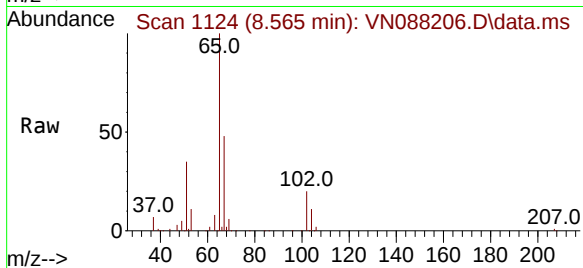
TP-1

Tgt Ion: 65 Resp: 237460

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# 1212

Delta R.T. -0.000 min

Lab File: VN088206.D

Acq: 06 Nov 2025 15:10

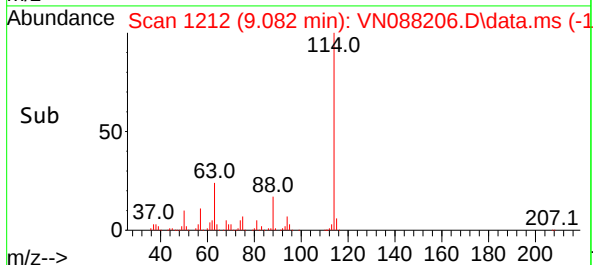
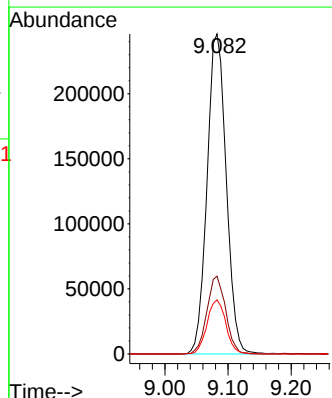
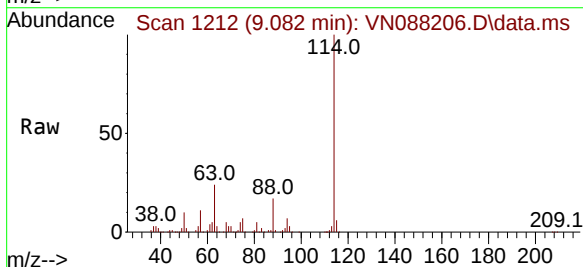
Tgt Ion: 114 Resp: 519367

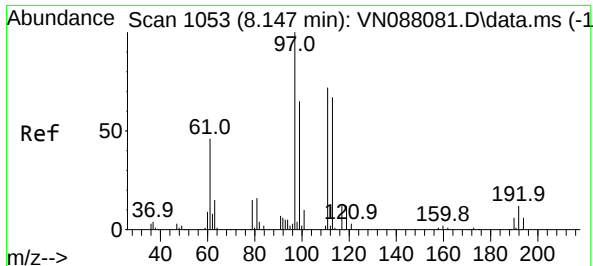
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.2

88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.648 ug/l

RT: 8.153 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN088206.D

Acq: 06 Nov 2025 15:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

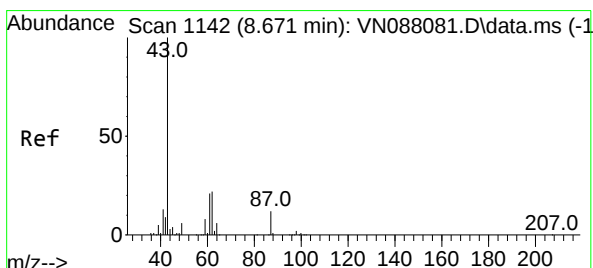
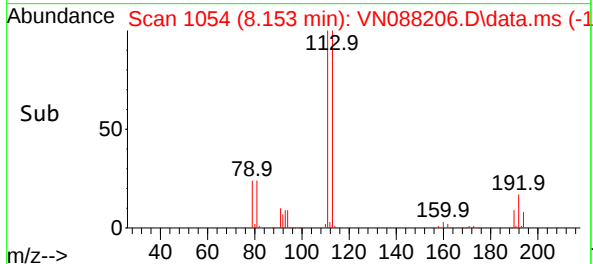
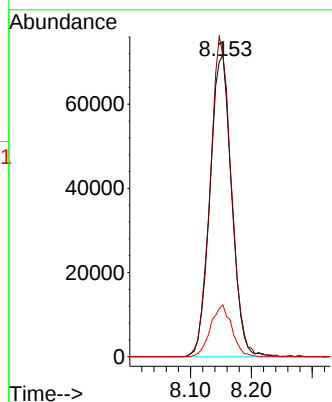
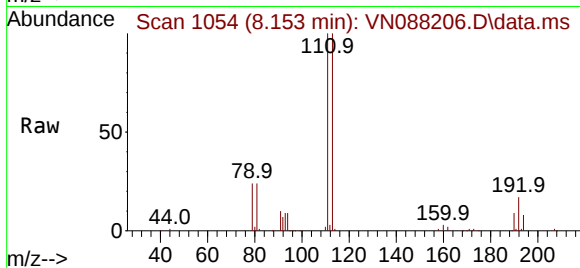
Tgt Ion:113 Resp: 176717

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 16.8 12.8 19.2



#43

Isopropyl Acetate

Concen: 2.987 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088206.D

Acq: 06 Nov 2025 15:10

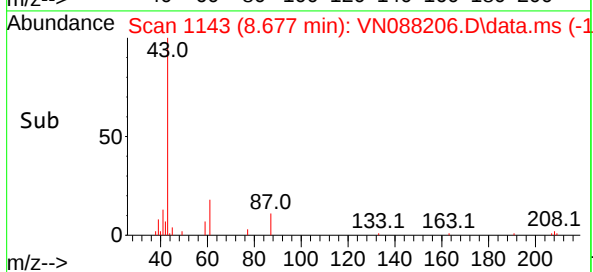
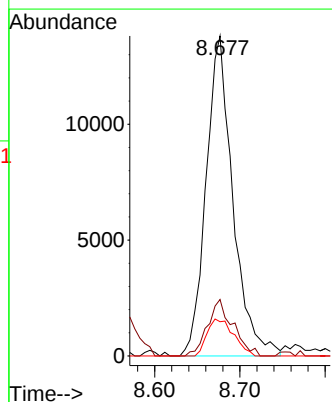
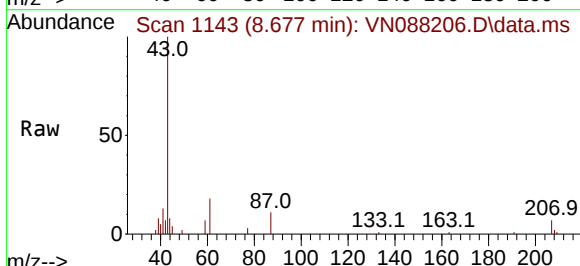
Tgt Ion: 43 Resp: 30171

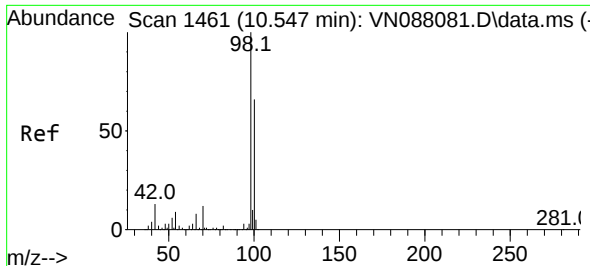
Ion Ratio Lower Upper

43 100

61 16.8 18.8 28.2#

87 11.5 9.6 14.4

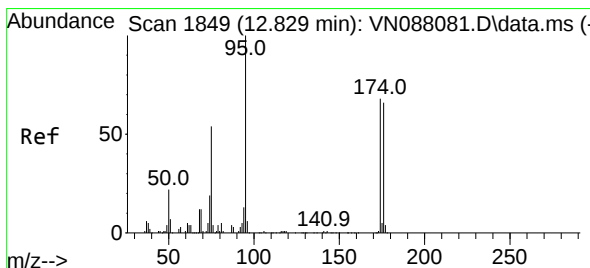
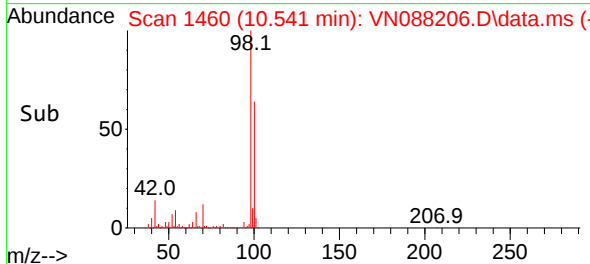
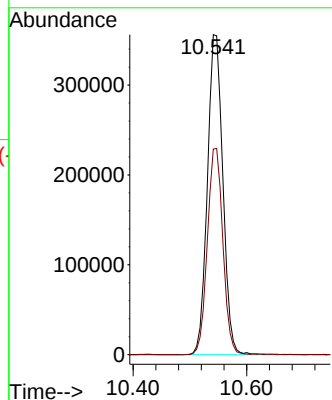
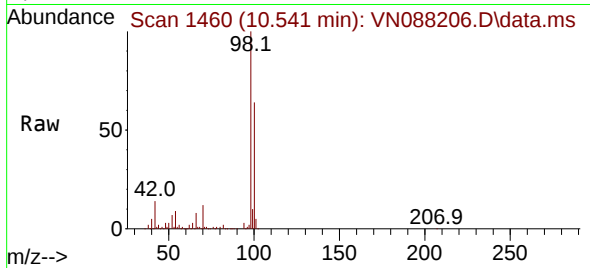




#50
Toluene-d8
Concen: 49.905 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

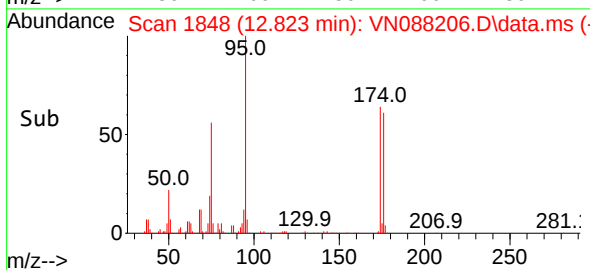
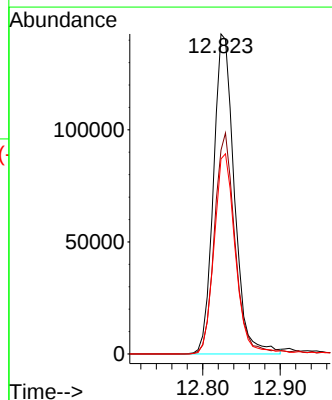
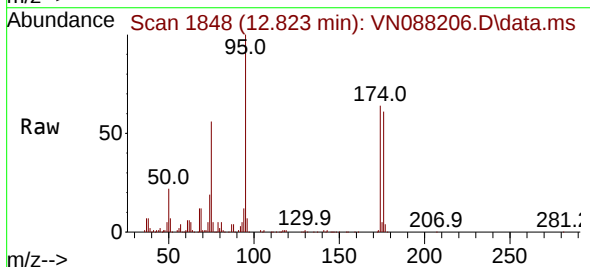
Instrument :
MSVOA_N
ClientSampleId :
TP-1

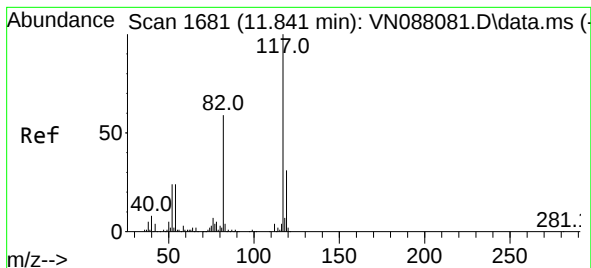
Tgt Ion: 98 Resp: 670928
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 56.232 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

Tgt Ion: 95 Resp: 266991
Ion Ratio Lower Upper
95 100
174 68.2 0.0 138.4
176 63.7 0.0 132.6

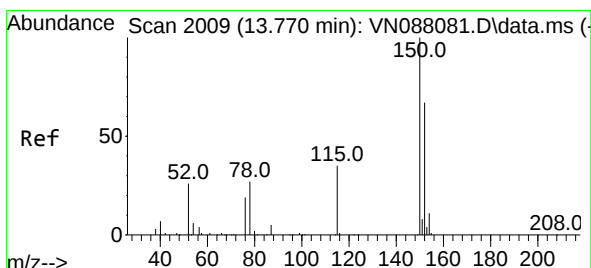
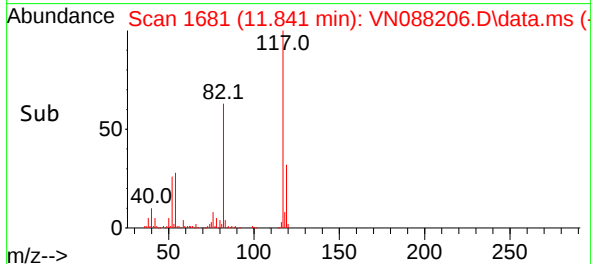
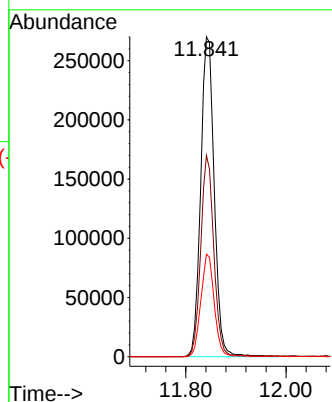
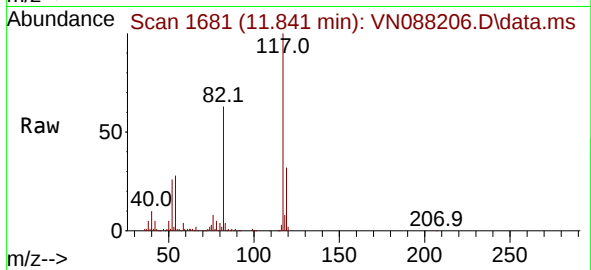




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088206.D
Acq: 06 Nov 2025 15:10

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 506591
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 32.1 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: VN088206.D
Acq: 06 Nov 2025 15:10

Tgt Ion:152 Resp: 239334
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 158.5 0.0 351.0

