

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088260.D
 Acq On : 11 Nov 2025 16:08
 Operator : JC\MD
 Sample : Q3601-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Nov 12 01:18:16 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)

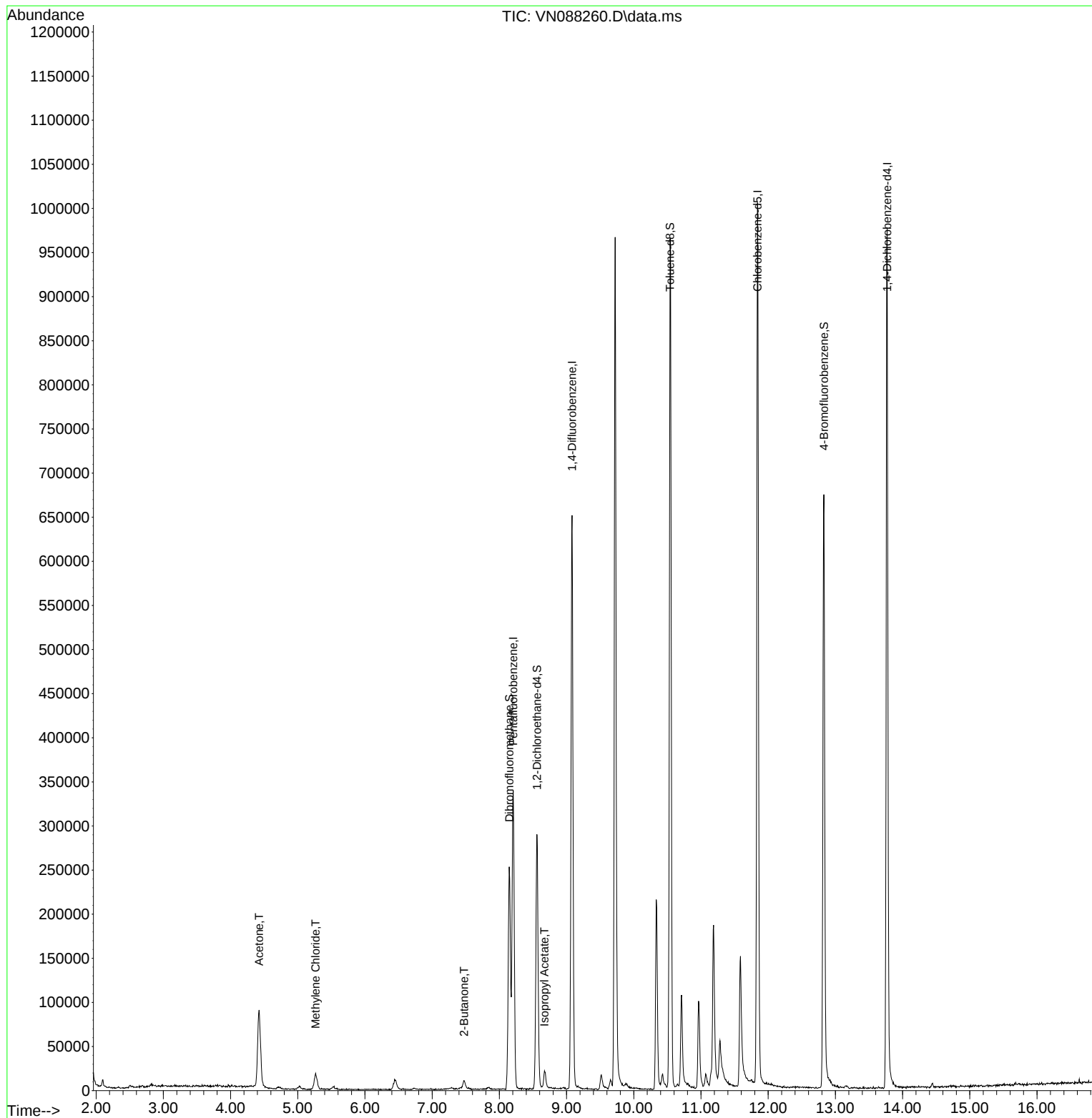
Internal Standards						
1) Pentafluorobenzene	8.206	168	223280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	525402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	529264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	254198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	239670	62.075	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 124.140%		
35) Dibromofluoromethane	8.147	113	175359	49.681	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.360%		
50) Toluene-d8	10.541	98	643738	47.332	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.660%		
62) 4-Bromofluorobenzene	12.829	95	245858	51.187	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.380%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	175202	90.324	ug/l	96
20) Methylene Chloride	5.265	84	12811	3.935	ug/l	93
25) 2-Butanone	7.477	43	18693	7.313	ug/l	94
43) Isopropyl Acetate	8.671	43	25268	2.472	ug/l	94

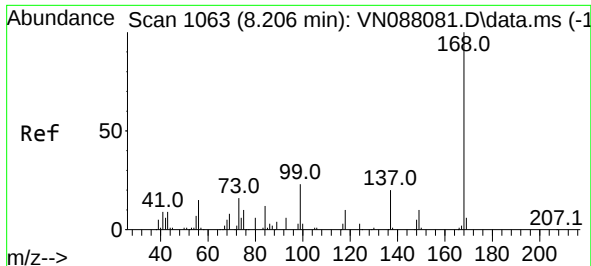
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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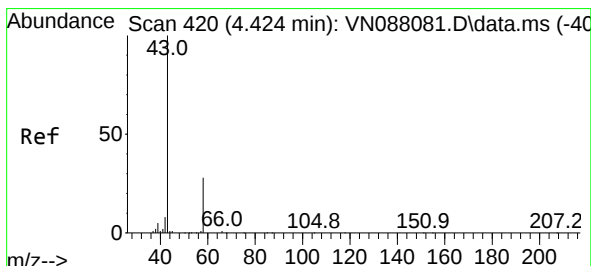
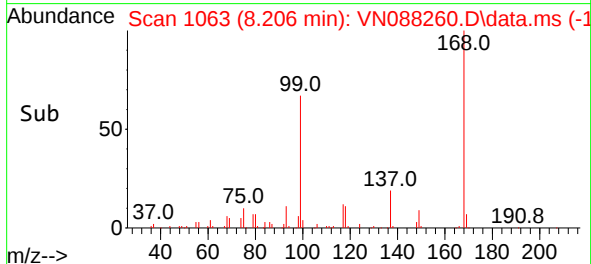
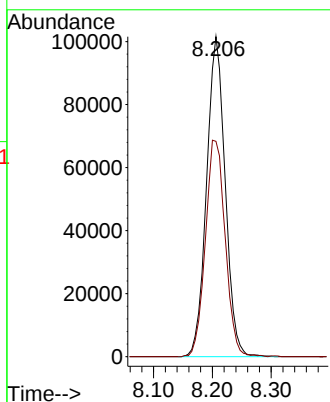
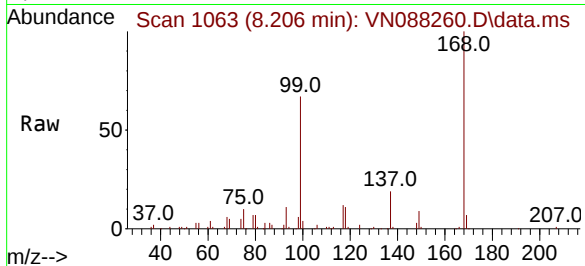




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

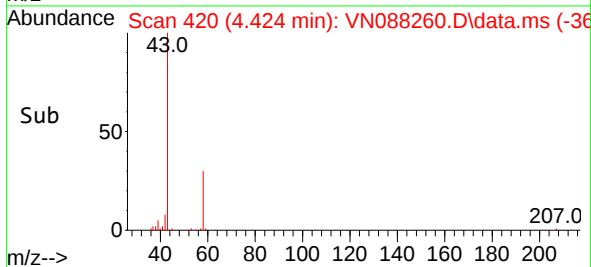
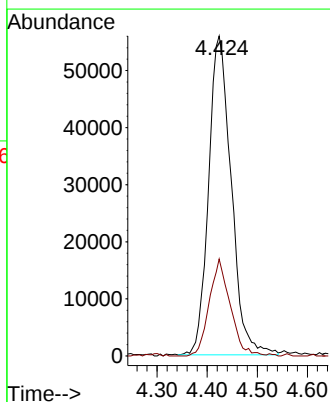
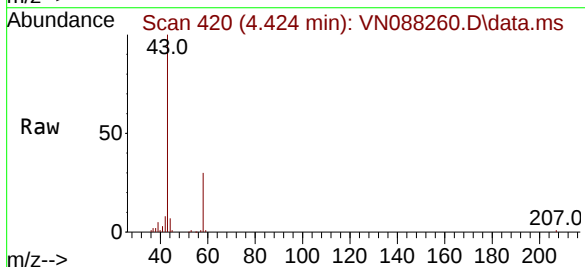
Instrument :
MSVOA_N
ClientSampleId :
TP-5

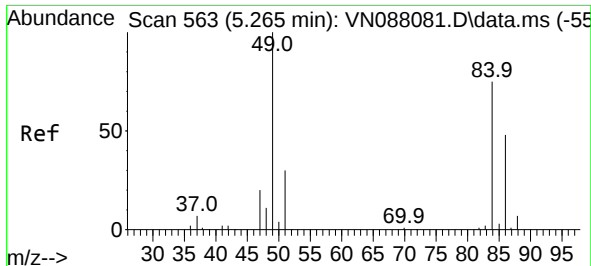
Tgt Ion:168 Resp: 223280
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8



#16
Acetone
Concen: 90.324 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Tgt Ion: 43 Resp: 175202
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



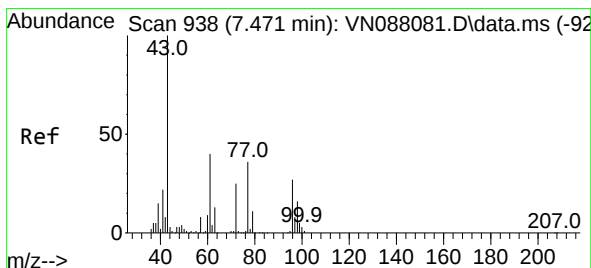
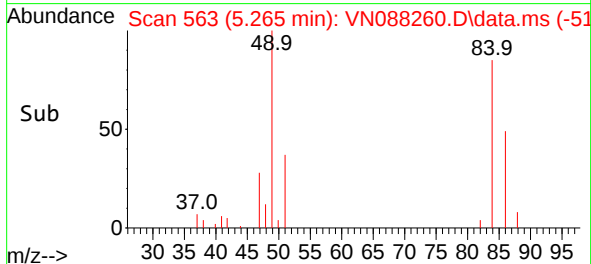
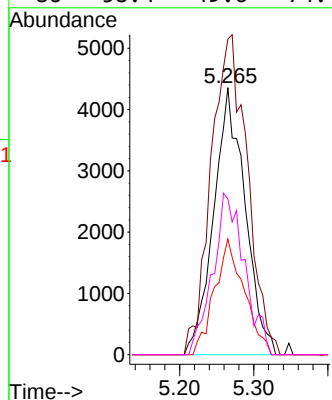
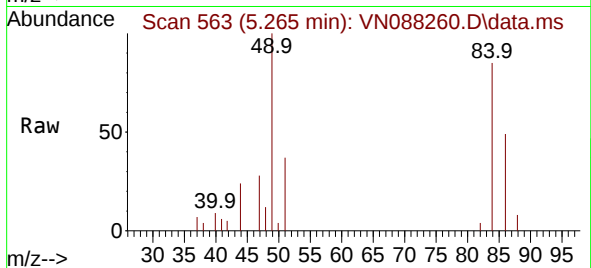


#20
Methylene Chloride
Concen: 3.935 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 84 Resp: 12811

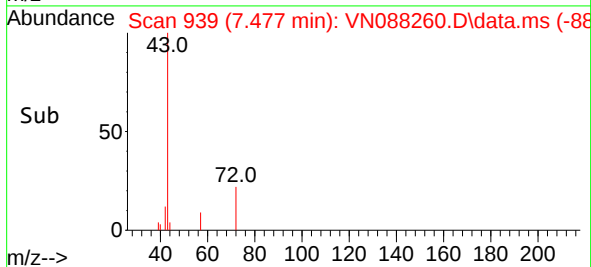
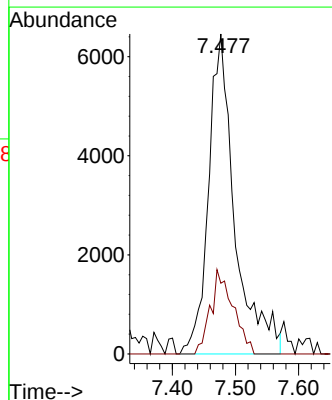
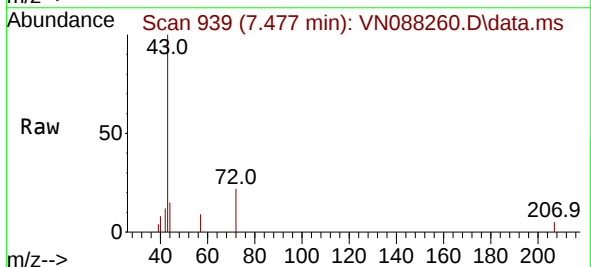
Ion	Ratio	Lower	Upper
84	100		
49	118.2	103.4	155.2
51	43.3	33.8	50.8
86	58.4	49.6	74.4

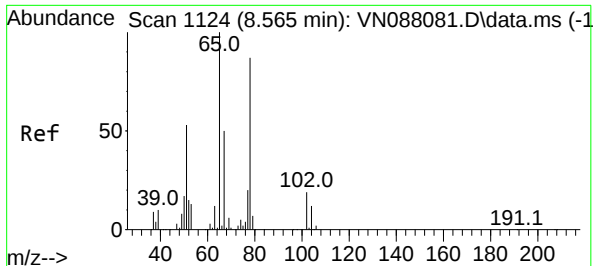


#25
2-Butanone
Concen: 7.313 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Tgt Ion: 43 Resp: 18693

Ion	Ratio	Lower	Upper
43	100		
72	22.1	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 62.075 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088260.D

Acq: 11 Nov 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

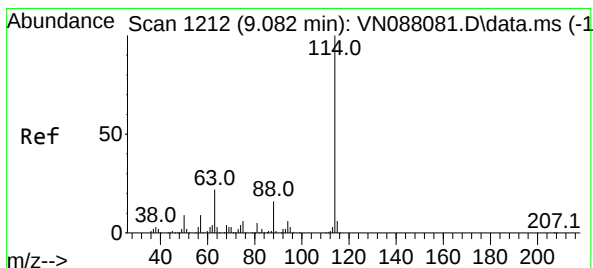
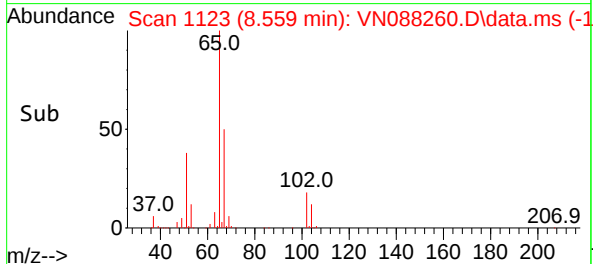
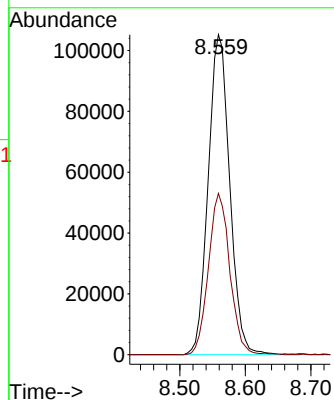
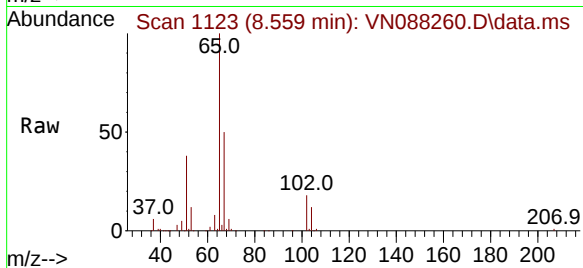
TP-5

Tgt Ion: 65 Resp: 239670

Ion Ratio Lower Upper

65 100

67 50.1 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: VN088260.D

Acq: 11 Nov 2025 16:08

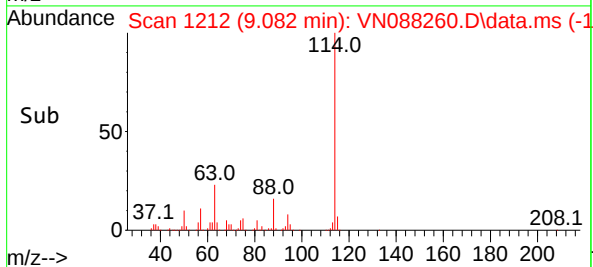
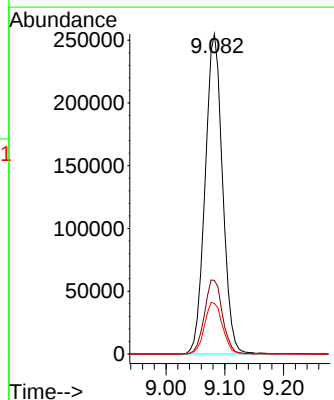
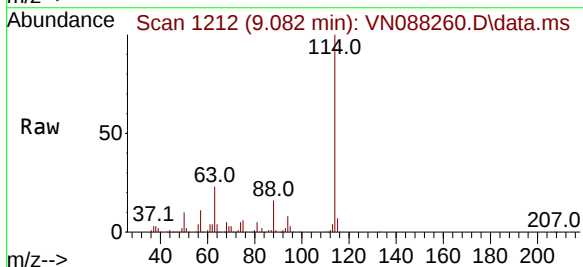
Tgt Ion: 114 Resp: 525402

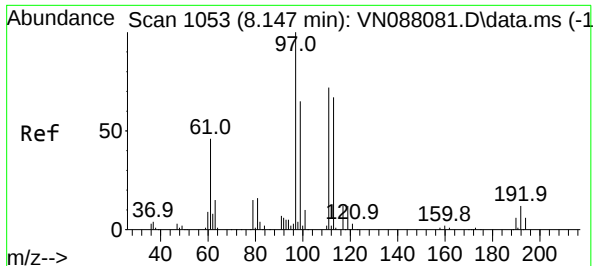
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 15.8 0.0 33.4

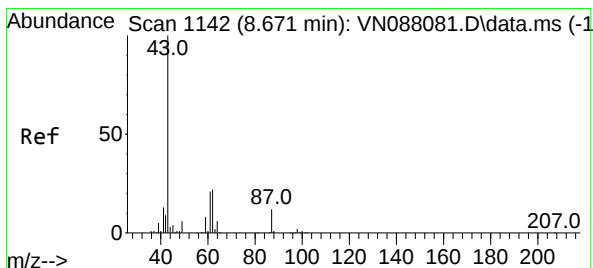
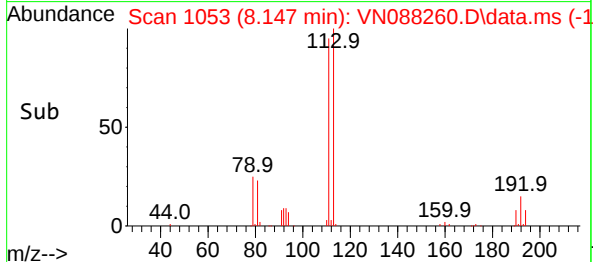
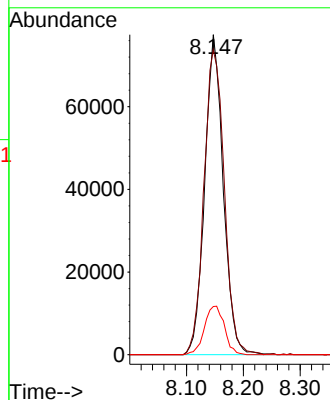
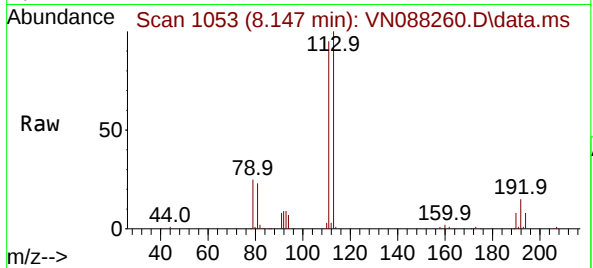




#35
Dibromofluoromethane
Concen: 49.681 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

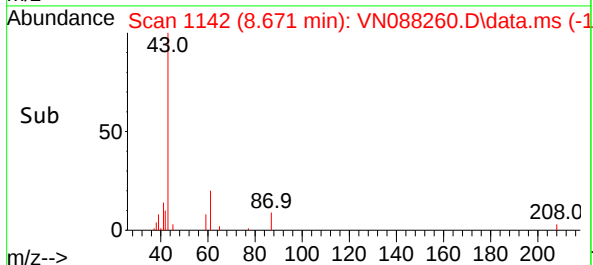
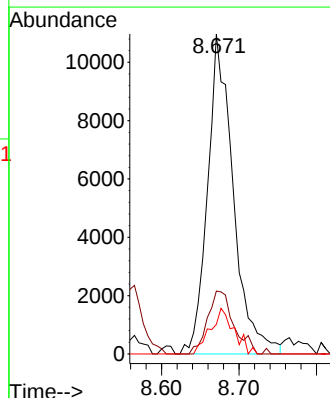
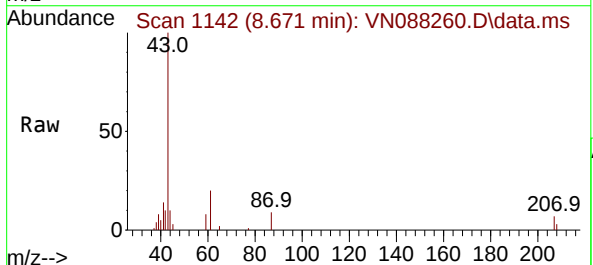
Instrument :
MSVOA_N
ClientSampleId :
TP-5

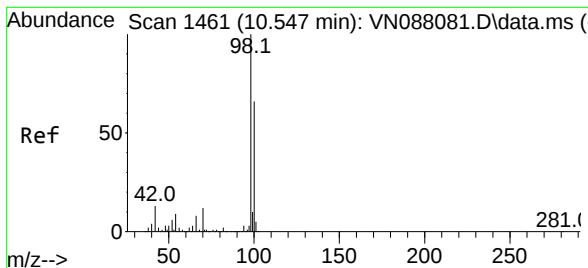
Tgt Ion:113 Resp: 175359
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 16.3 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.472 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Tgt Ion: 43 Resp: 25268
Ion Ratio Lower Upper
43 100
61 20.1 18.8 28.2
87 13.0 9.6 14.4

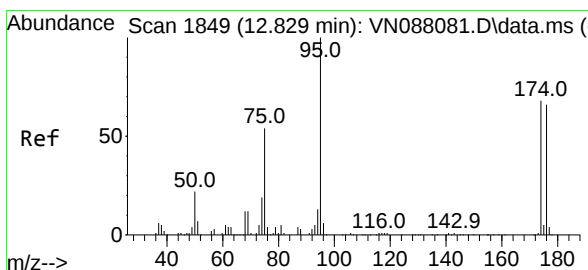
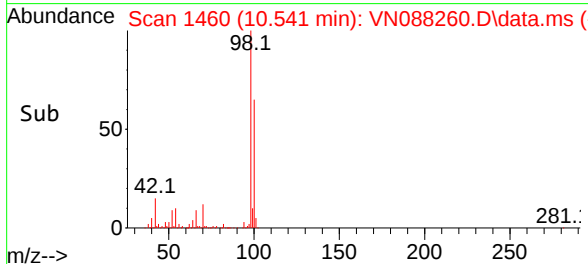
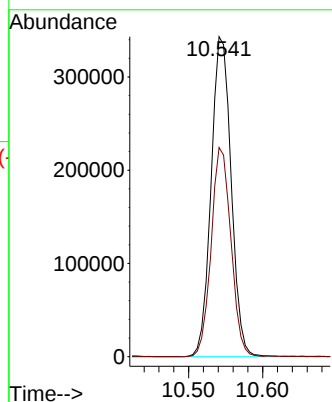
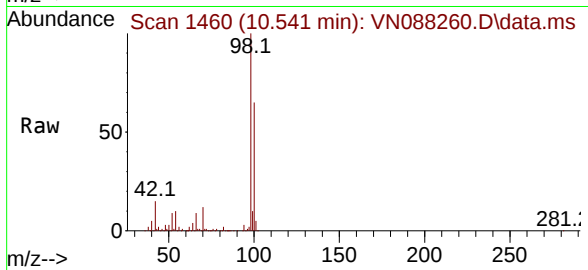




#50
Toluene-d8
Concen: 47.332 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

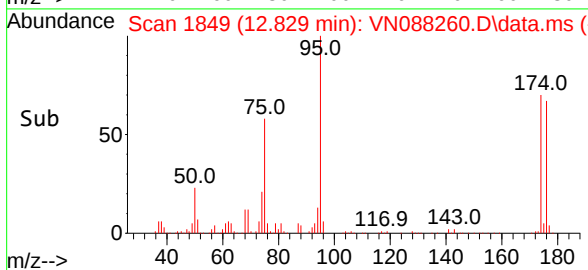
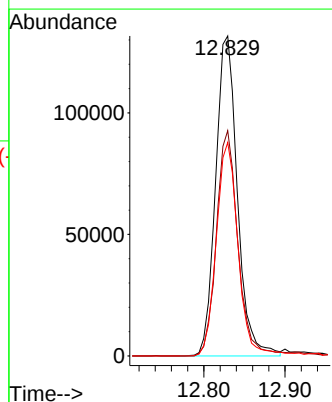
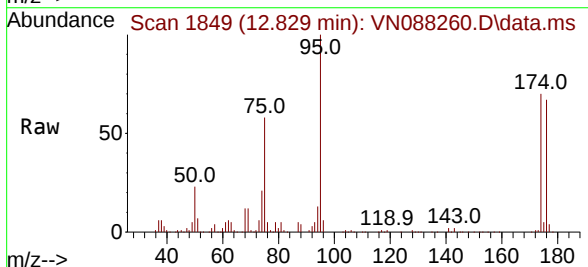
Instrument :
MSVOA_N
ClientSampleId :
TP-5

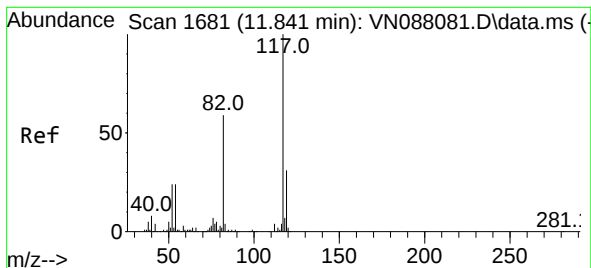
Tgt Ion: 98 Resp: 643738
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.187 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Tgt Ion: 95 Resp: 245858
Ion Ratio Lower Upper
95 100
174 69.5 0.0 138.4
176 66.8 0.0 132.6

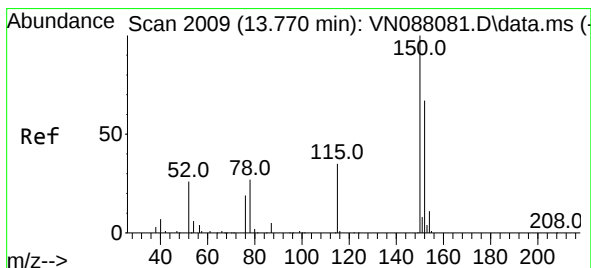
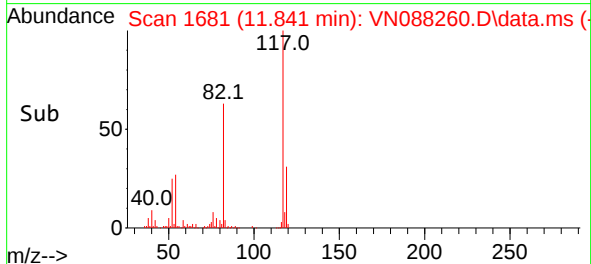
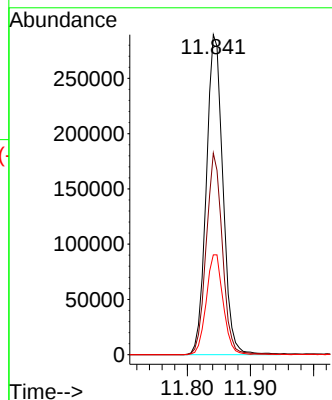
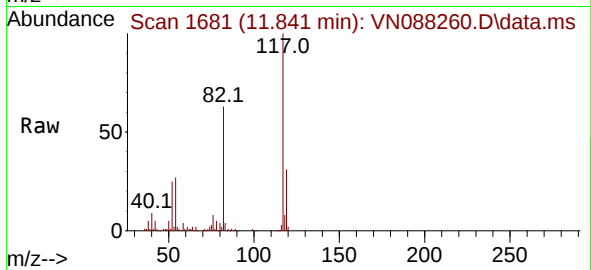




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088260.D
Acq: 11 Nov 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 529264
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 31.2 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: VN088260.D
Acq: 11 Nov 2025 16:08

Tgt Ion:152 Resp: 254198
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 158.8 0.0 351.0

