

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088113.D
 Acq On : 27 Oct 2025 14:54
 Operator : JC\MD
 Sample : Q3439-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Oct 28 01:27:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

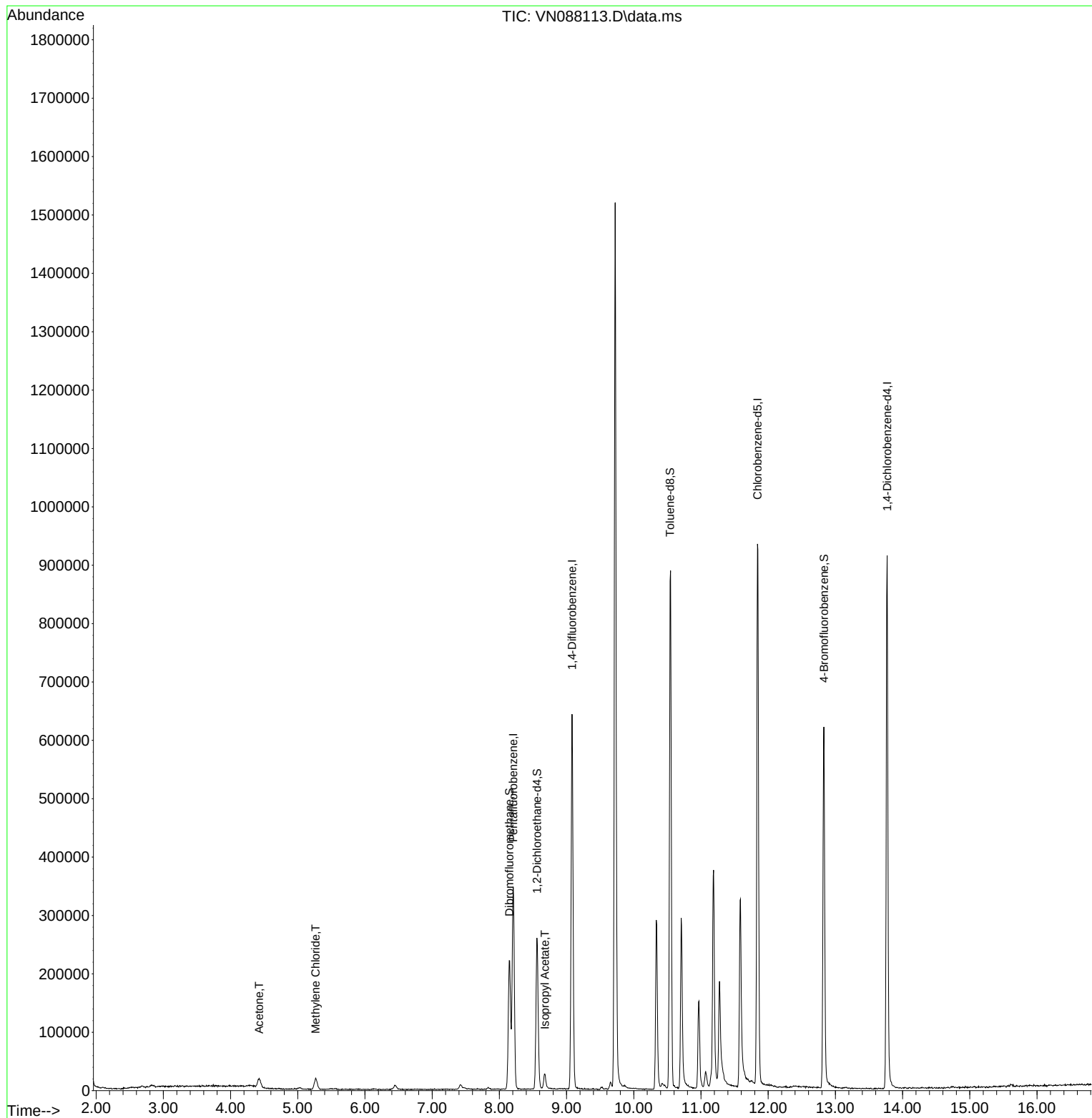
Internal Standards						
1) Pentafluorobenzene	8.206	168	232702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	516333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	506398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	237838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	214976	53.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.840%
35) Dibromofluoromethane	8.147	113	160447	46.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	10.541	98	594332	44.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.829	95	221172	46.856	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.720%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	32183	15.920	ug/l #	83
20) Methylene Chloride	5.265	84	14028	5.162	ug/l	90
43) Isopropyl Acetate	8.677	43	32761	3.262	ug/l #	93

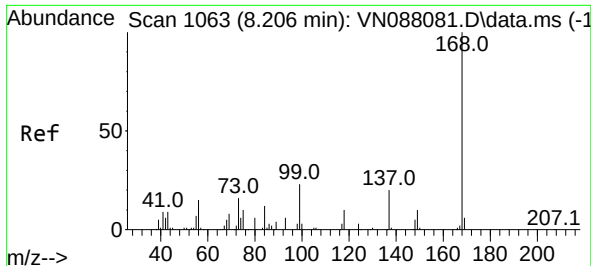
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088113.D
Acq On : 27 Oct 2025 14:54
Operator : JC\MD
Sample : Q3439-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Quant Time: Oct 28 01:27:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

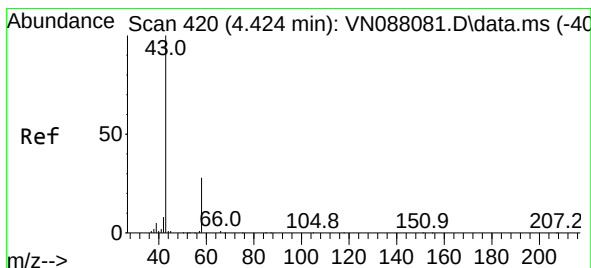
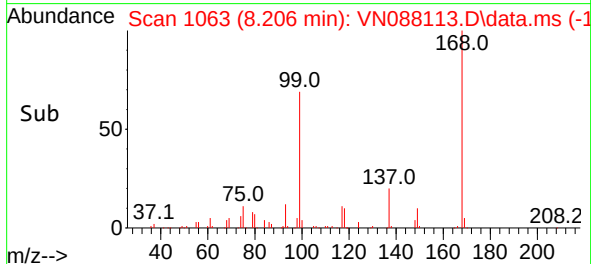
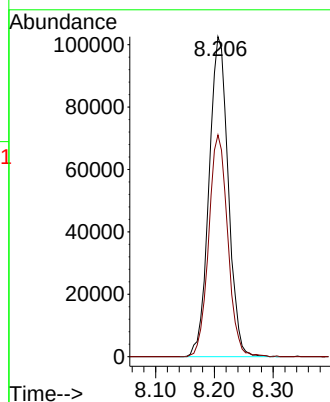
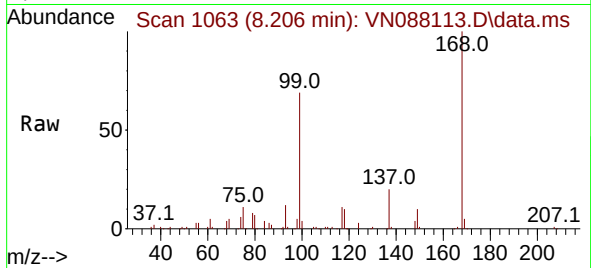




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

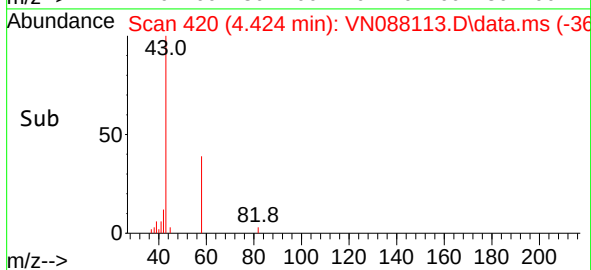
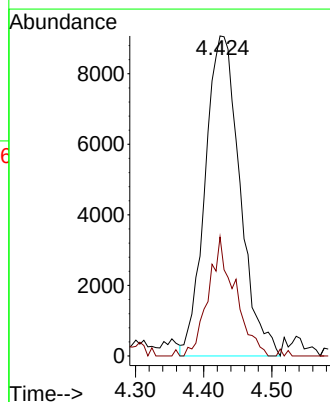
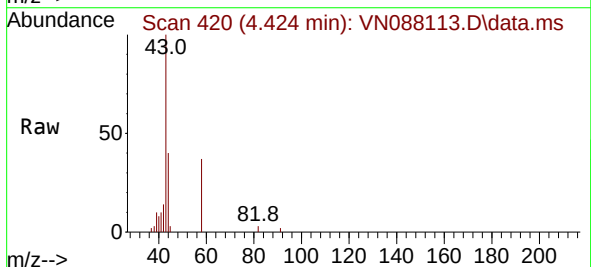
Instrument :
MSVOA_N
ClientSampleId :
TP-10

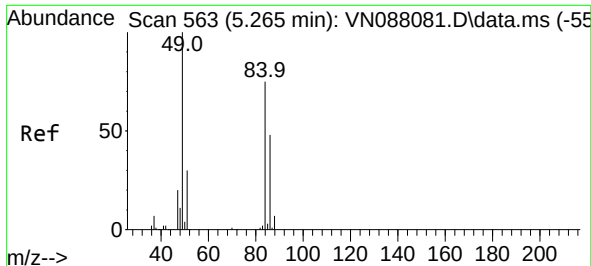
Tgt Ion:168 Resp: 232702
Ion Ratio Lower Upper
168 100
99 69.3 57.2 85.8



#16
Acetone
Concen: 15.920 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

Tgt Ion: 43 Resp: 32183
Ion Ratio Lower Upper
43 100
58 37.2 22.6 33.8#

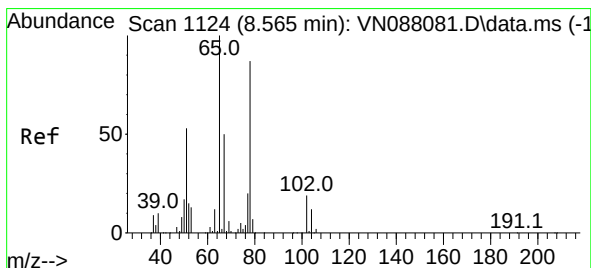
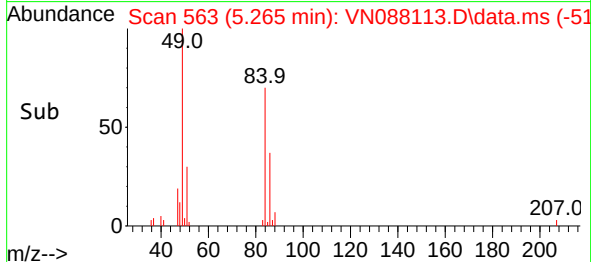
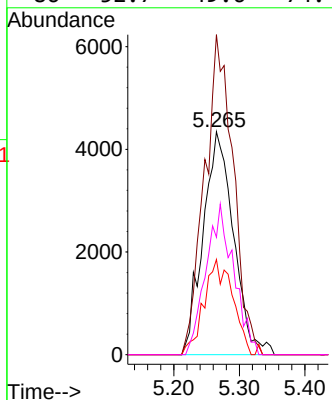
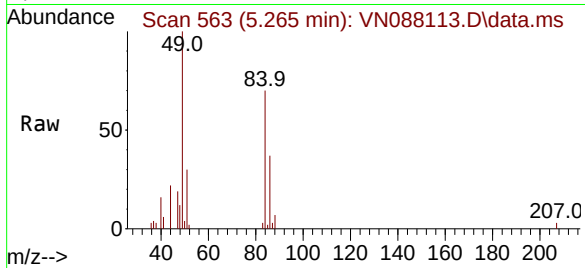




#20
Methylene Chloride
Concen: 5.162 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

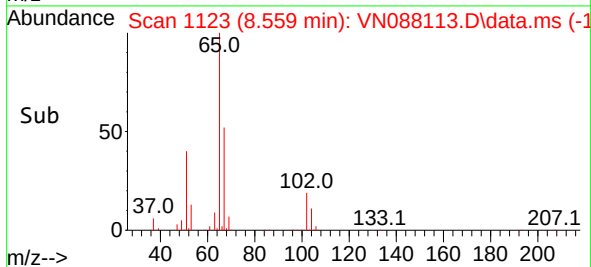
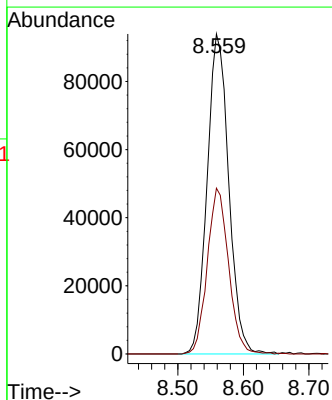
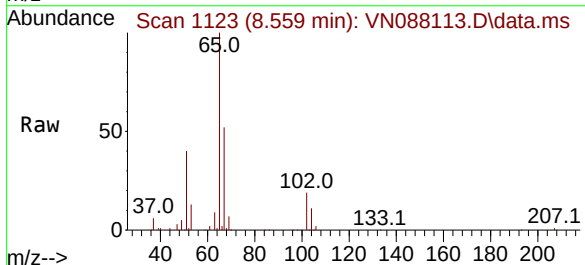
Instrument :
MSVOA_N
ClientSampleId :
TP-10

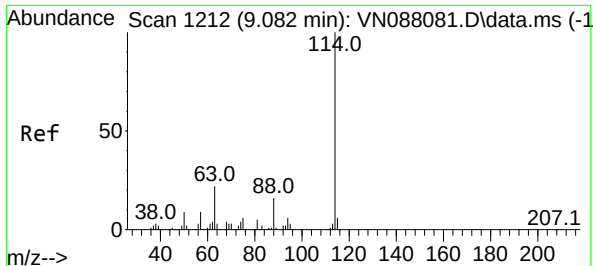
Tgt Ion:	84	Resp:	14028
Ion	Ratio	Lower	Upper
84	100		
49	143.6	103.4	155.2
51	42.7	33.8	50.8
86	52.7	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 53.425 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

Tgt Ion:	65	Resp:	214976
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088113.D

Acq: 27 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

TP-10

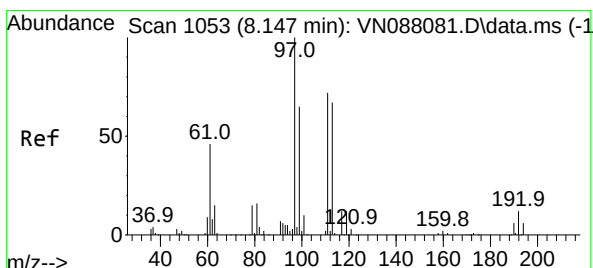
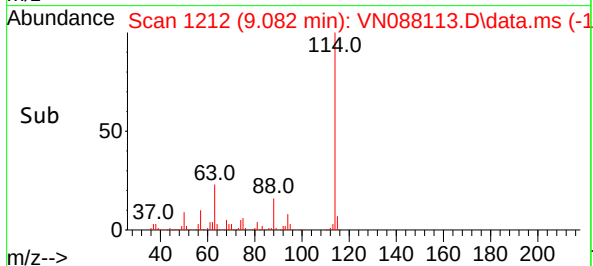
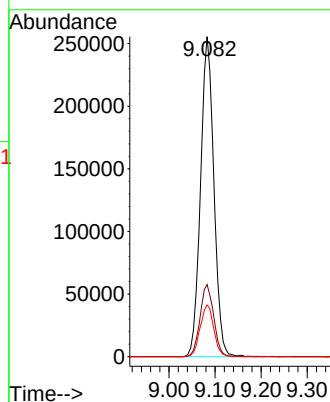
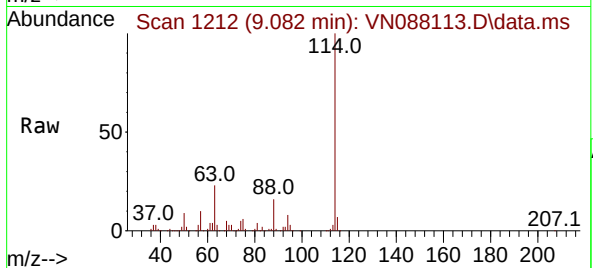
Tgt Ion:114 Resp: 516333

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.255 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088113.D

Acq: 27 Oct 2025 14:54

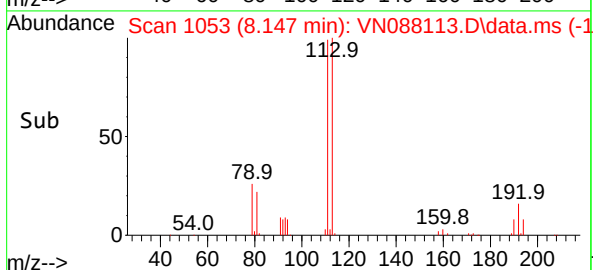
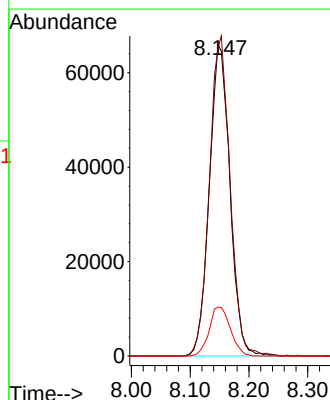
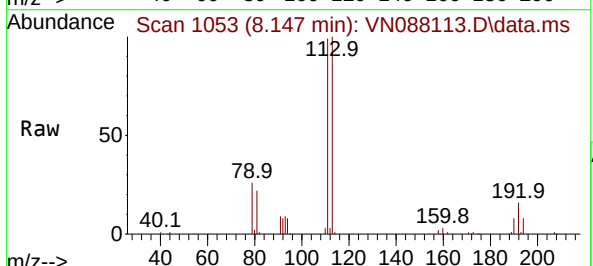
Tgt Ion:113 Resp: 160447

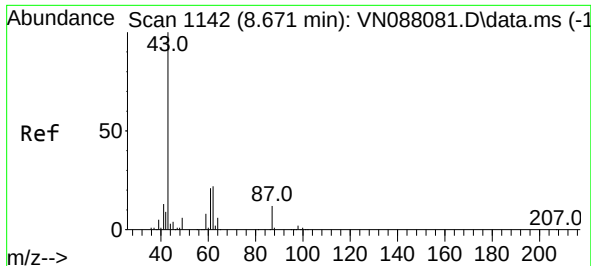
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 16.1 12.8 19.2

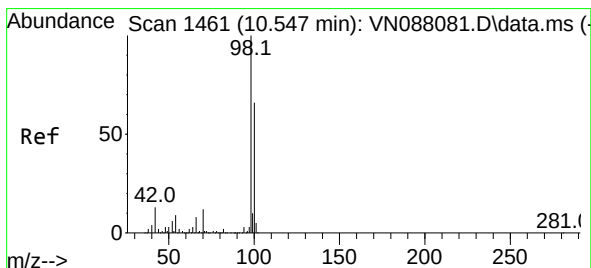
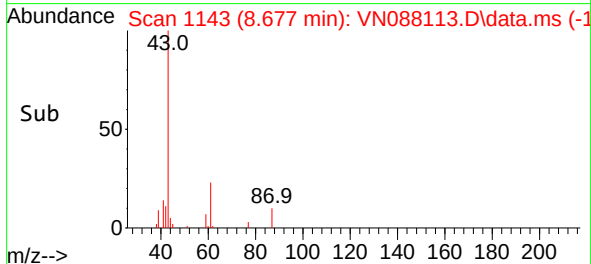
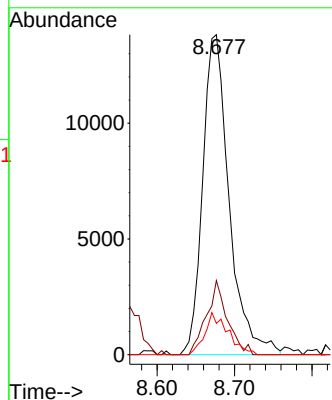
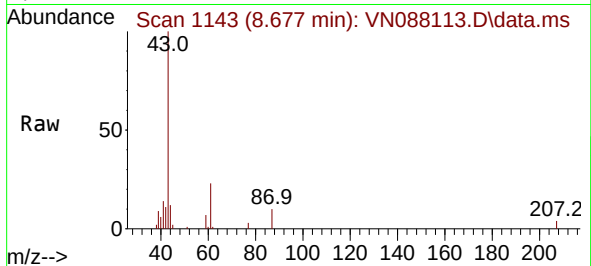




#43
Isopropyl Acetate
Concen: 3.262 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

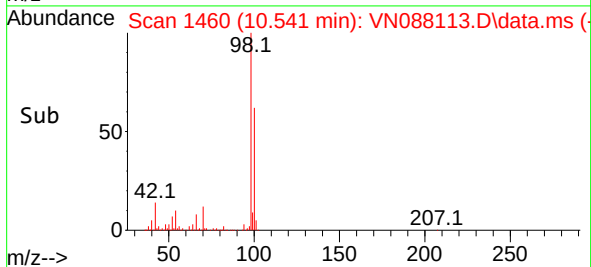
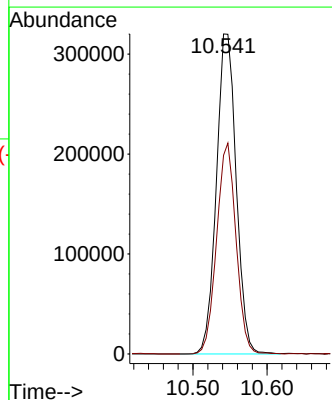
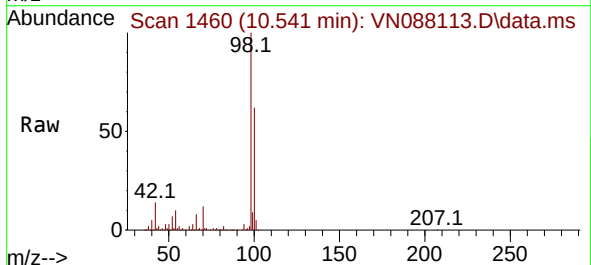
Instrument :
MSVOA_N
ClientSampleId :
TP-10

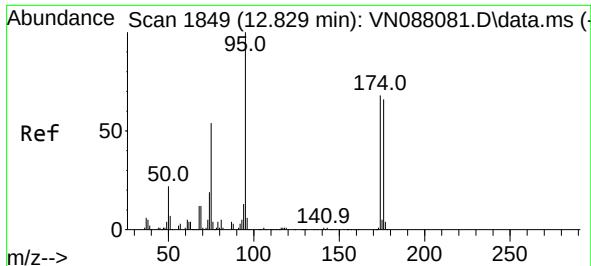
Tgt Ion: 43 Resp: 32761
Ion Ratio Lower Upper
43 100
61 18.4 18.8 28.2#
87 11.5 9.6 14.4



#50
Toluene-d8
Concen: 44.467 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

Tgt Ion: 98 Resp: 594332
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

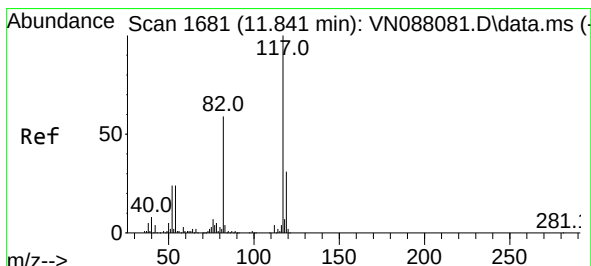
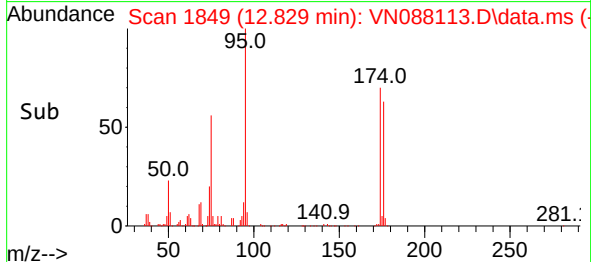
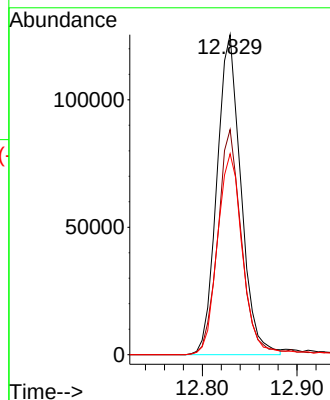
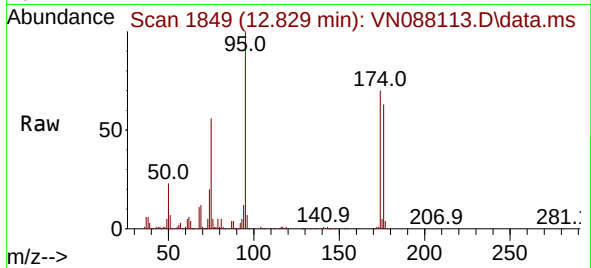




#62
4-Bromofluorobenzene
Concen: 46.856 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

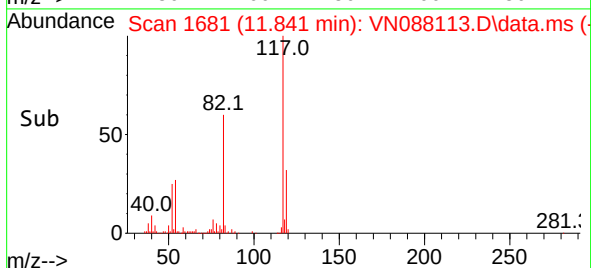
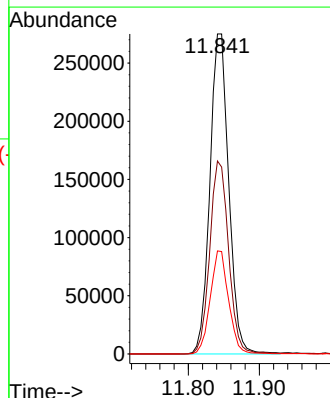
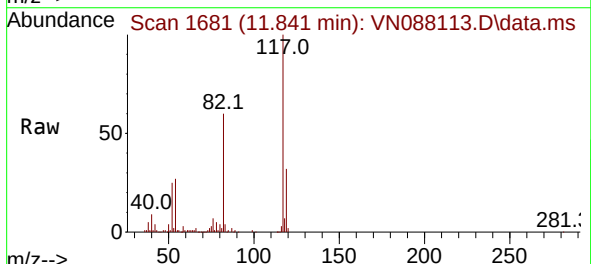
Instrument :
MSVOA_N
ClientSampleId :
TP-10

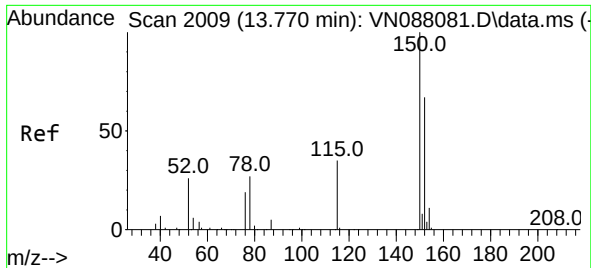
Tgt Ion: 95 Resp: 221172
Ion Ratio Lower Upper
95 100
174 70.4 0.0 138.4
176 66.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088113.D
Acq: 27 Oct 2025 14:54

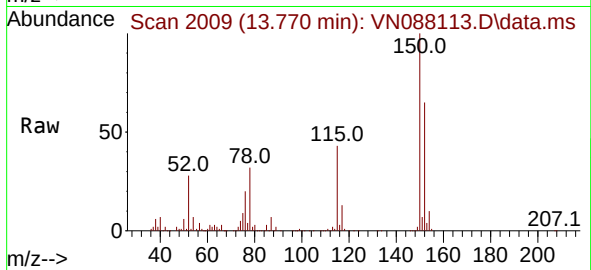
Tgt Ion: 117 Resp: 506398
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.2 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088113.D
 Acq: 27 Oct 2025 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10



Tgt Ion:152 Resp: 237838
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.3 96.8
 150 157.5 0.0 351.0

