

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088111.D
 Acq On : 27 Oct 2025 14:13
 Operator : JC\MD
 Sample : Q3449-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CF-620-COMP-41

Quant Time: Oct 28 01:27:05 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)

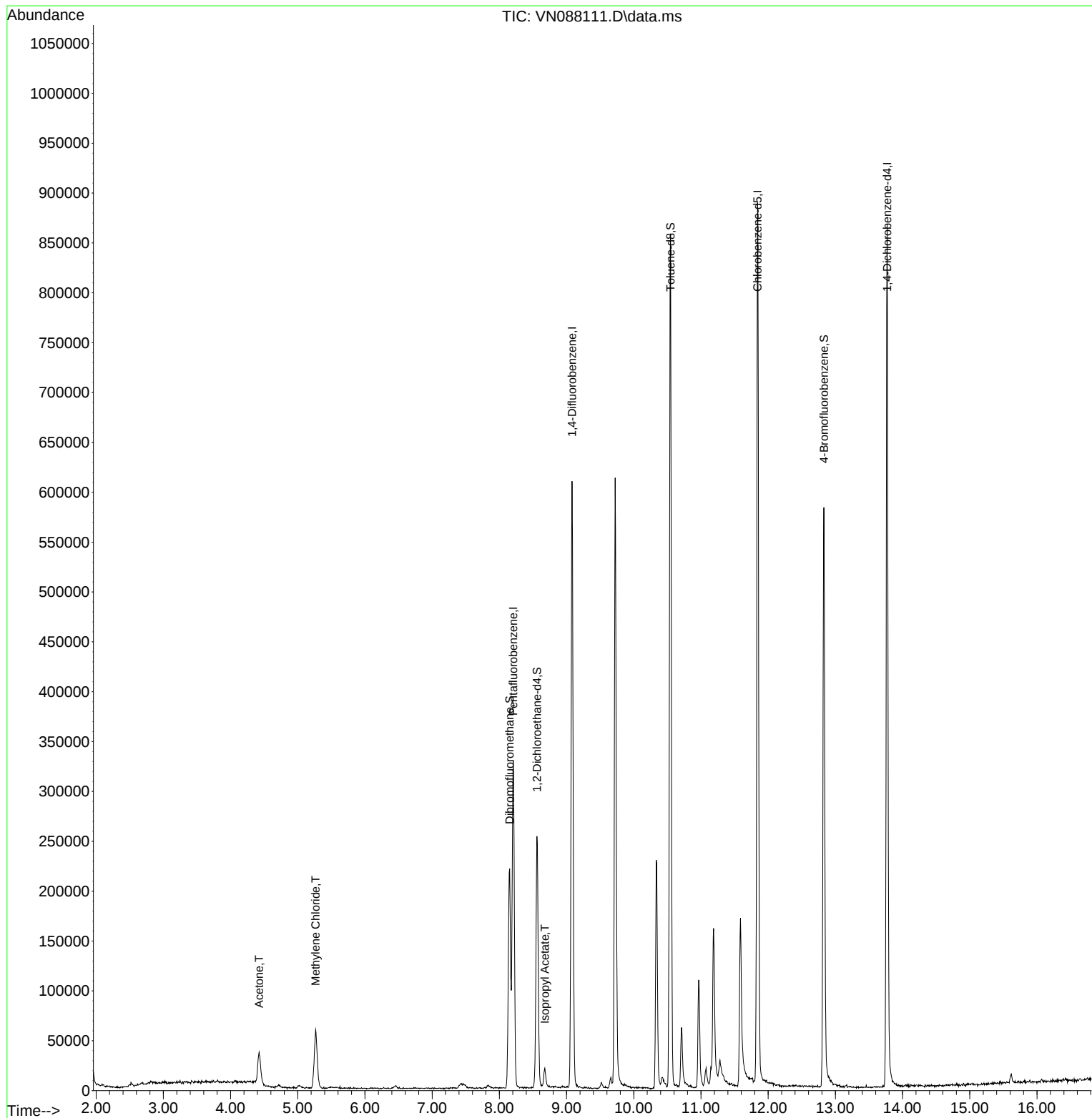
Internal Standards						
1) Pentafluorobenzene	8.206	168	219087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	493422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	481690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	227894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	212429	56.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.140%
35) Dibromofluoromethane	8.153	113	155362	46.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	10.547	98	576893	45.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.340%
62) 4-Bromofluorobenzene	12.829	95	219274	48.611	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.220%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	60858	31.975	ug/l	96
20) Methylene Chloride	5.265	84	42501	14.898	ug/l	89
43) Isopropyl Acetate	8.677	43	22140	2.307	ug/l	94

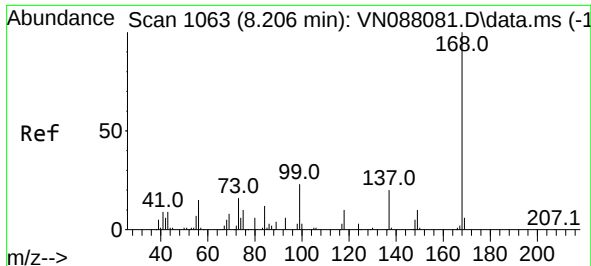
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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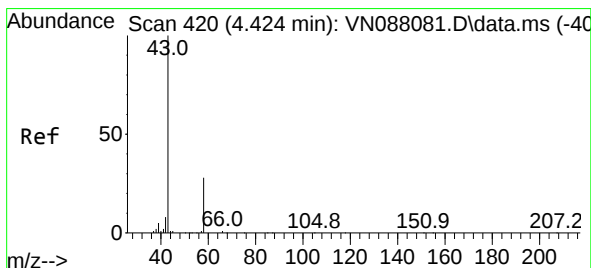
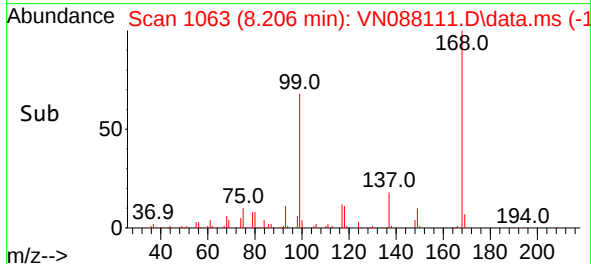
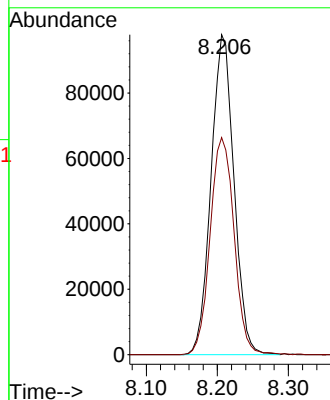
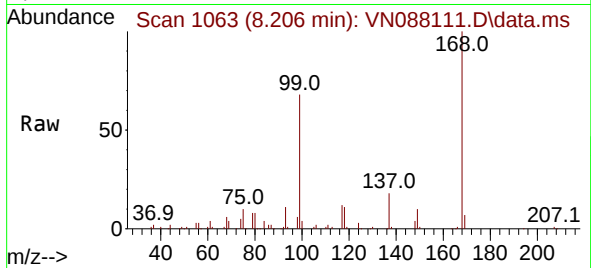




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

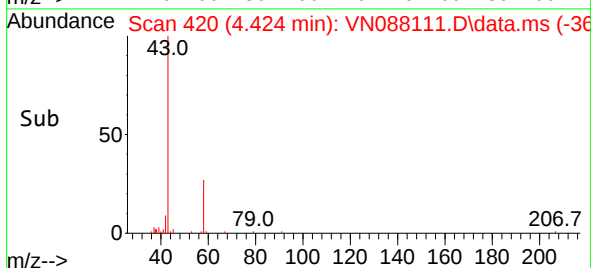
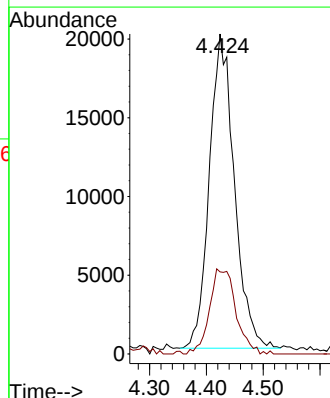
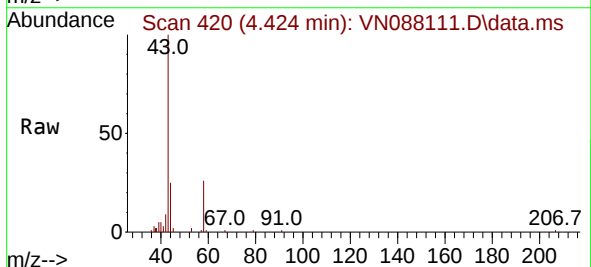
Instrument :
MSVOA_N
ClientSampleId :
CF-620-COMP-41

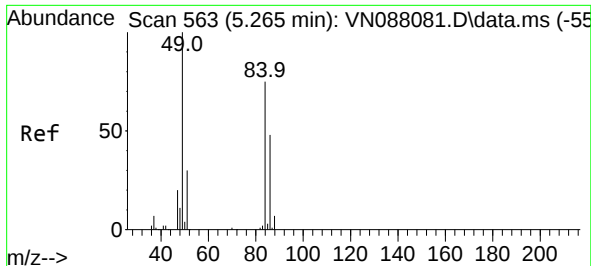
Tgt Ion:168 Resp: 219087
Ion Ratio Lower Upper
168 100
99 67.8 57.2 85.8



#16
Acetone
Concen: 31.975 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

Tgt Ion: 43 Resp: 60858
Ion Ratio Lower Upper
43 100
58 26.1 22.6 33.8



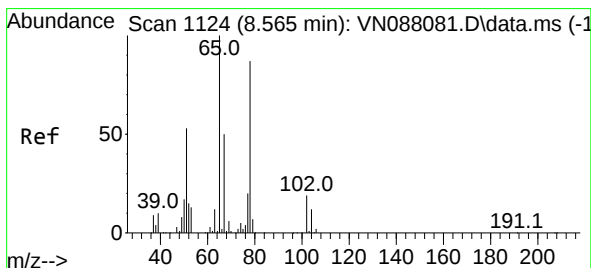
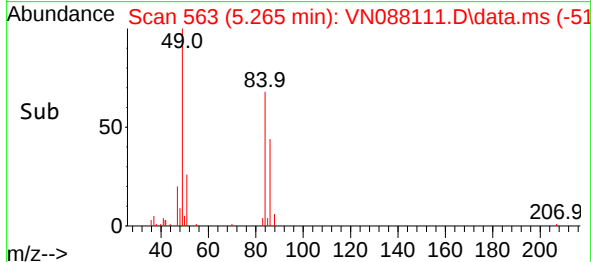
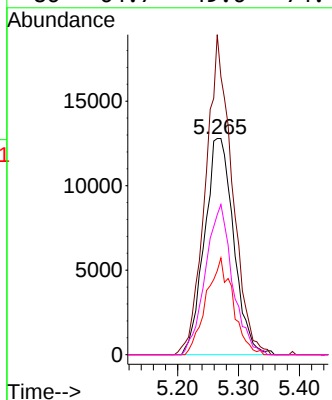
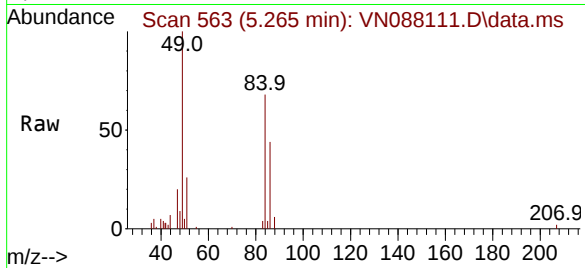


#20
Methylene Chloride
Concen: 14.898 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
CF-620-COMP-41

Tgt Ion: 84 Resp: 42501

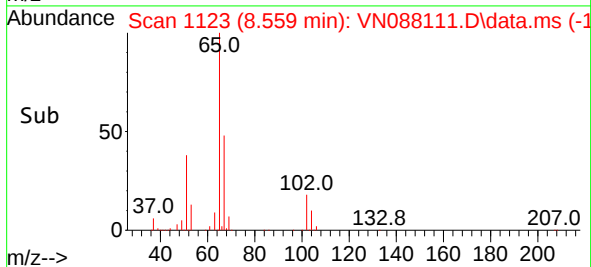
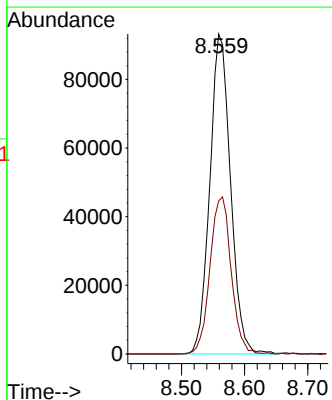
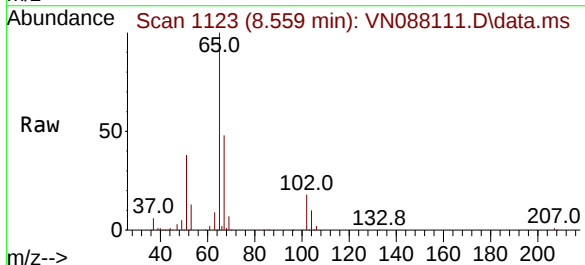
Ion	Ratio	Lower	Upper
84	100		
49	148.0	103.4	155.2
51	38.8	33.8	50.8
86	64.7	49.6	74.4

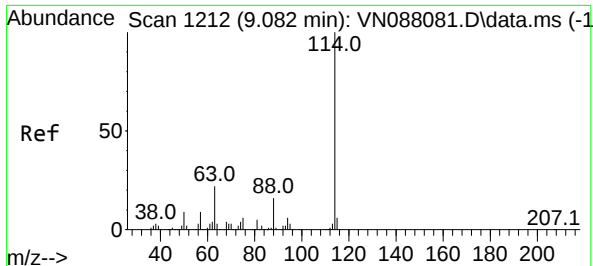


#33
1,2-Dichloroethane-d4
Concen: 56.072 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

Tgt Ion: 65 Resp: 212429

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# 11

Delta R.T. -0.000 min

Lab File: VN088111.D

Acq: 27 Oct 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :

CF-620-COMP-41

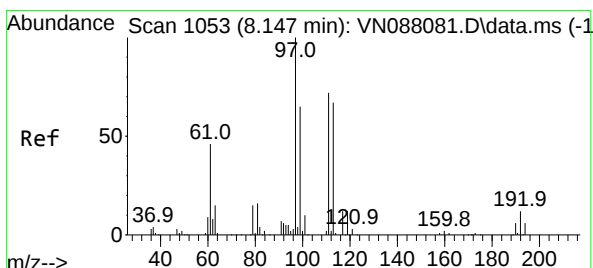
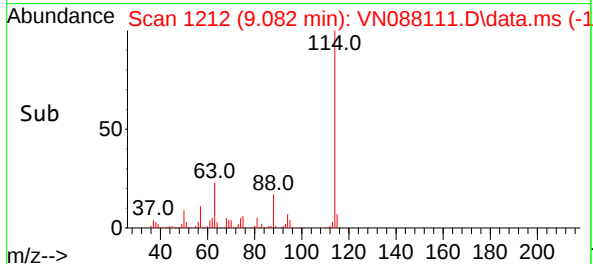
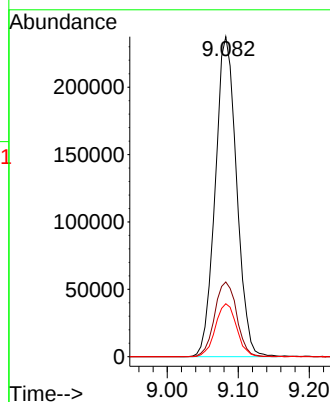
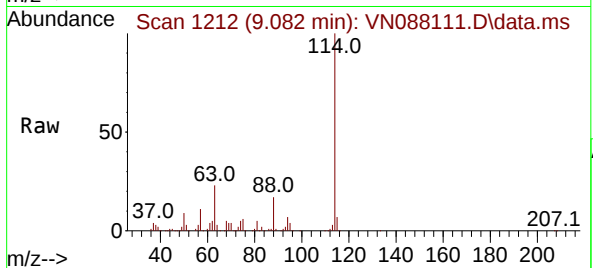
Tgt Ion:114 Resp: 493422

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

88 16.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.869 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN088111.D

Acq: 27 Oct 2025 14:13

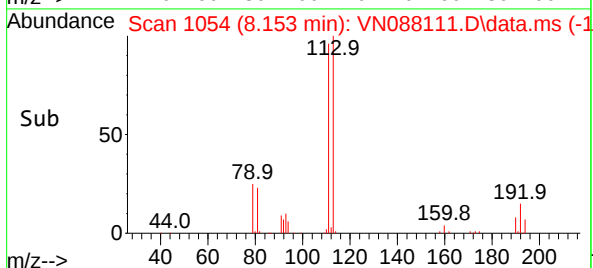
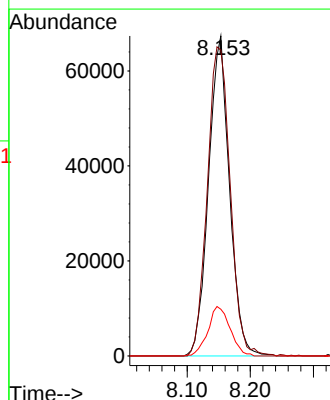
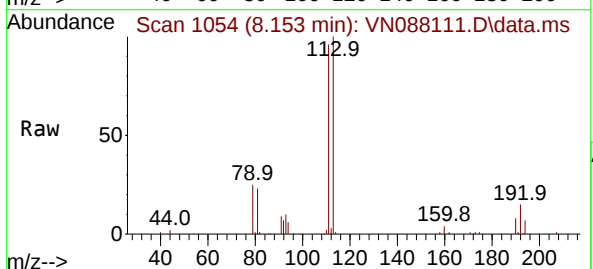
Tgt Ion:113 Resp: 155362

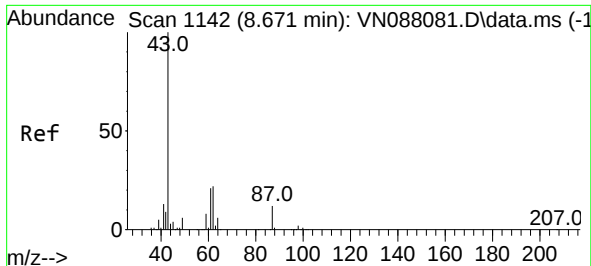
Ion Ratio Lower Upper

113 100

111 105.2 82.8 124.2

192 16.3 12.8 19.2

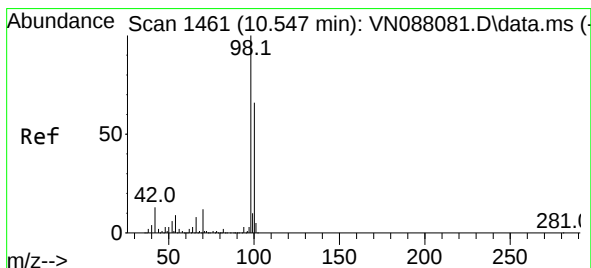
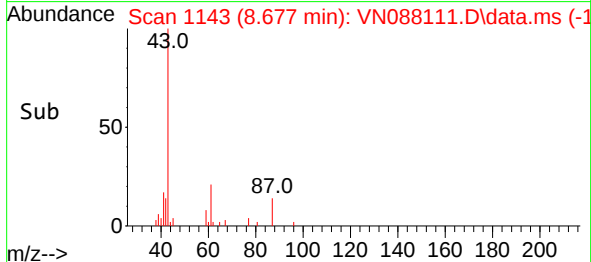
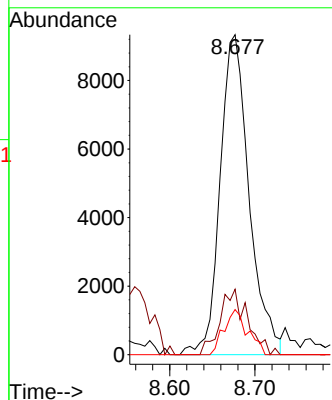
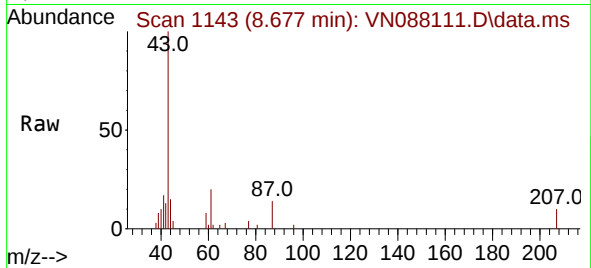




#43
Isopropyl Acetate
Concen: 2.307 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

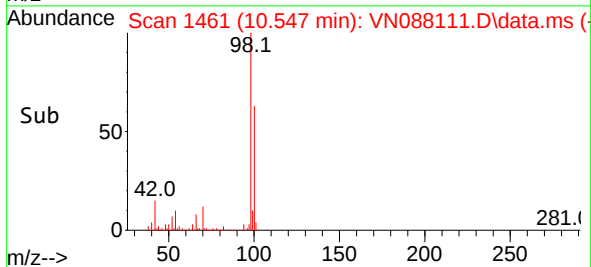
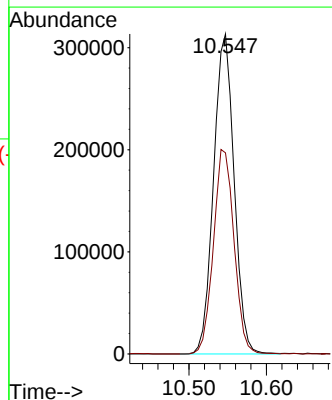
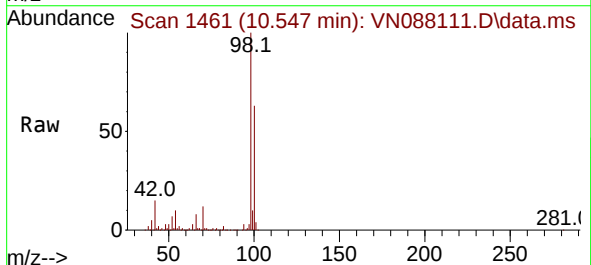
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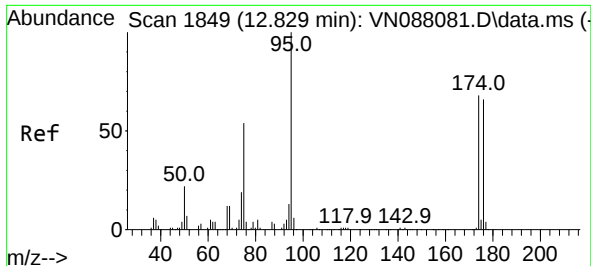
Tgt Ion: 43 Resp: 22140
Ion Ratio Lower Upper
43 100
61 19.5 18.8 28.2
87 11.5 9.6 14.4



#50
Toluene-d8
Concen: 45.166 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

Tgt Ion: 98 Resp: 576893
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

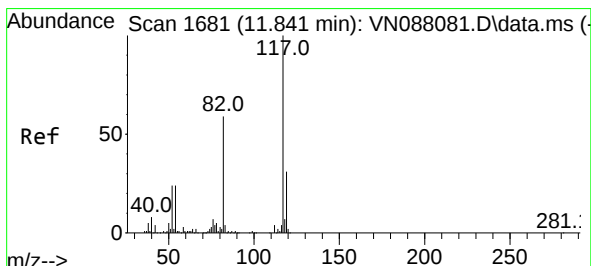
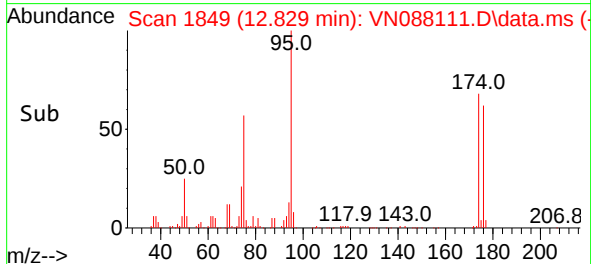
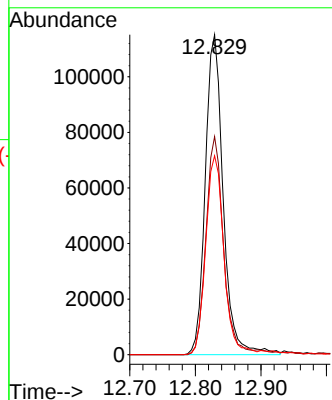
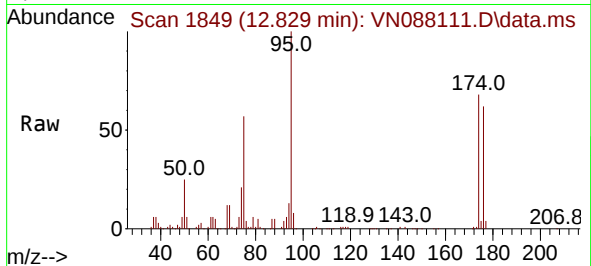




#62
4-Bromofluorobenzene
Concen: 48.611 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

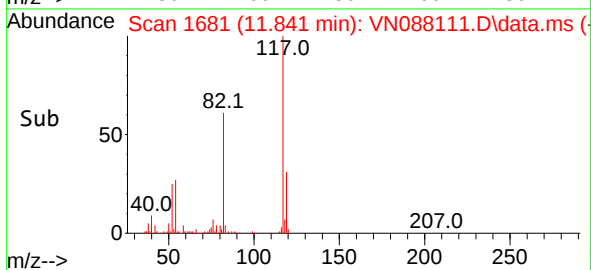
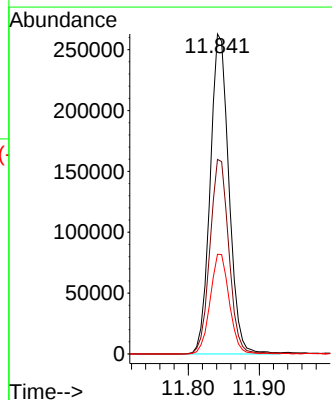
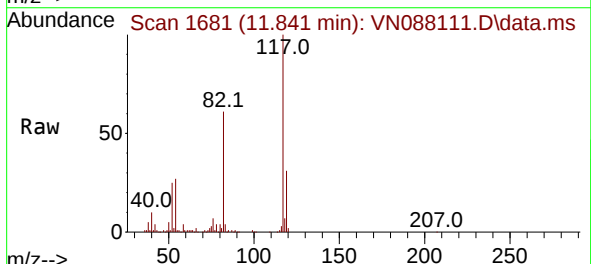
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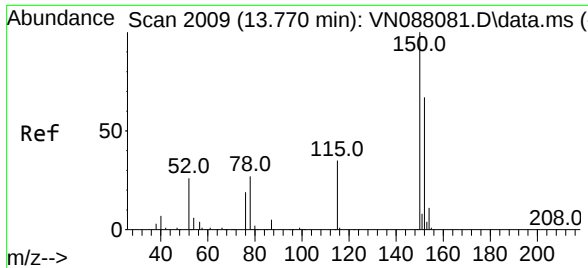
Tgt Ion: 95 Resp: 219274
Ion Ratio Lower Upper
95 100
174 66.1 0.0 138.4
176 62.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088111.D
Acq: 27 Oct 2025 14:13

Tgt Ion: 117 Resp: 481690
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.1 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: VN088111.D
 Acq: 27 Oct 2025 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 CF-620-COMP-41

Tgt Ion:152 Resp: 227894
 Ion Ratio Lower Upper
 152 100
 115 65.4 32.3 96.8
 150 158.7 0.0 351.0

