

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087560.D
 Acq On : 14 Aug 2025 13:08
 Operator : JC\MD
 Sample : Q2836-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-16-G

Quant Time: Aug 14 15:24:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

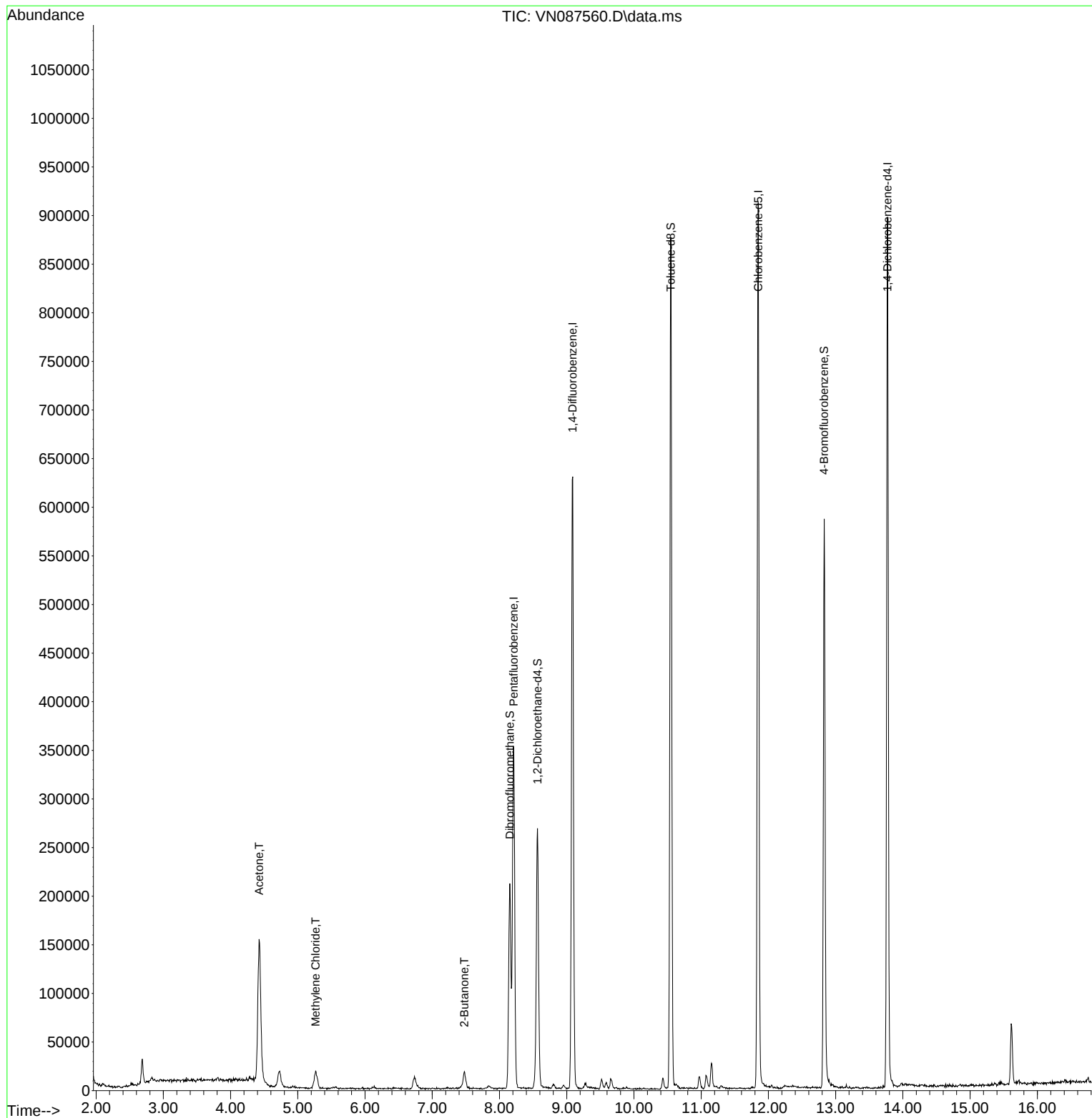
Internal Standards						
1) Pentafluorobenzene	8.212	168	240660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	521243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	482653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	219663	53.793	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.580%
35) Dibromofluoromethane	8.153	113	147568	41.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.080%
50) Toluene-d8	10.547	98	576483	44.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.829	95	206736	43.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.260%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	292143	152.585	ug/l	99
20) Methylene Chloride	5.265	84	12939	3.401	ug/l #	91
25) 2-Butanone	7.477	43	30083	10.169	ug/l #	90

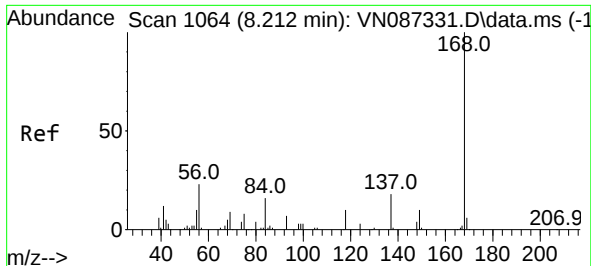
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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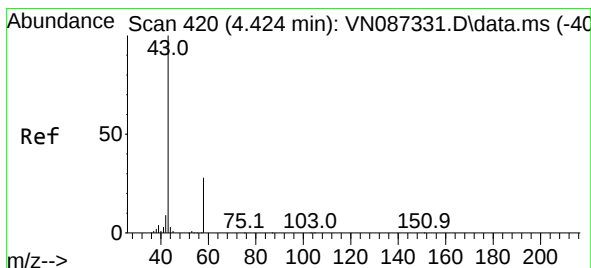
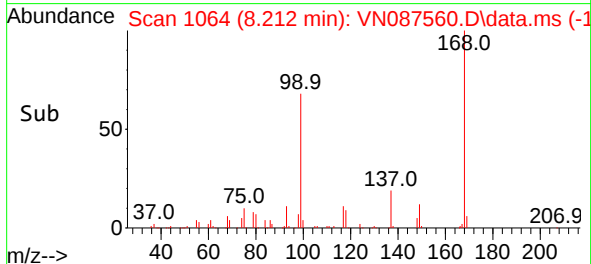
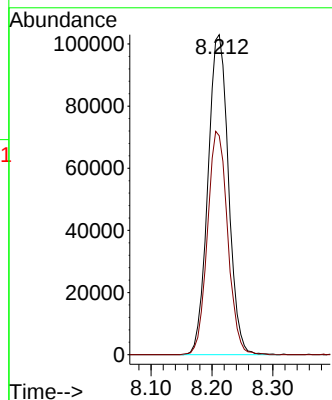
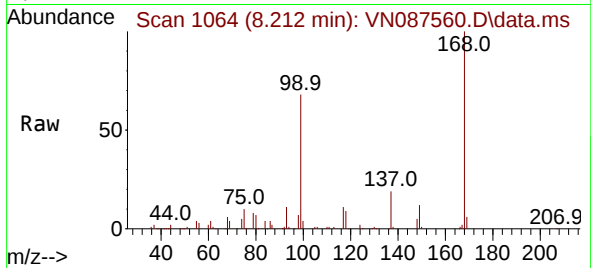




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

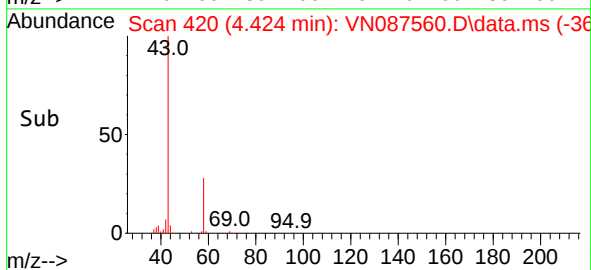
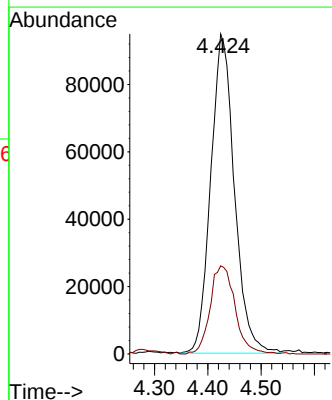
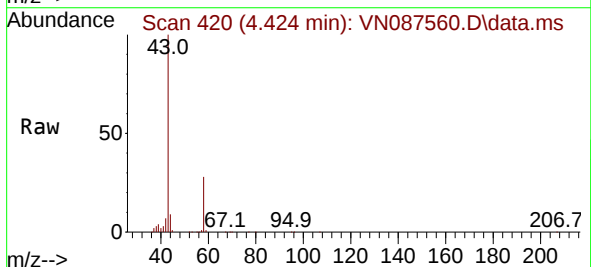
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-16-G

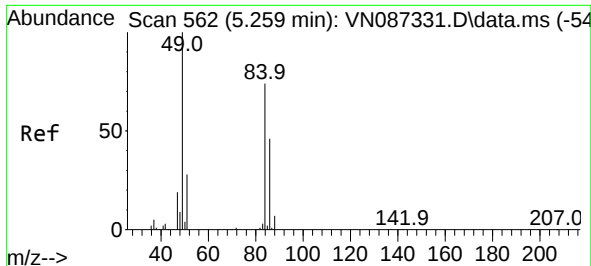
Tgt Ion:168 Resp: 240660
Ion Ratio Lower Upper
168 100
99 68.4 47.9 71.9



#16
Acetone
Concen: 152.585 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

Tgt Ion: 43 Resp: 292143
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5

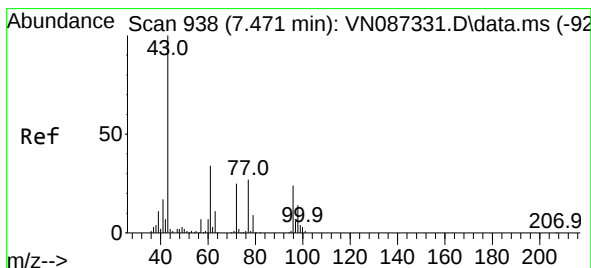
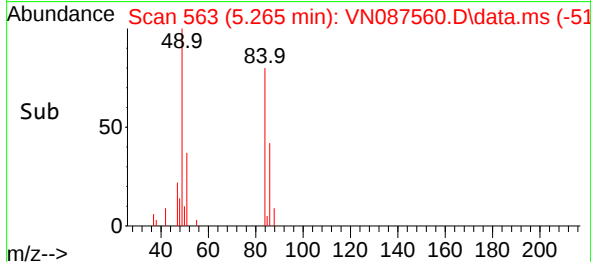
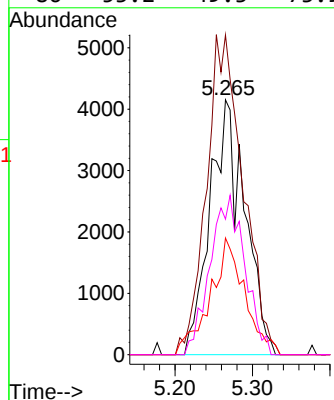
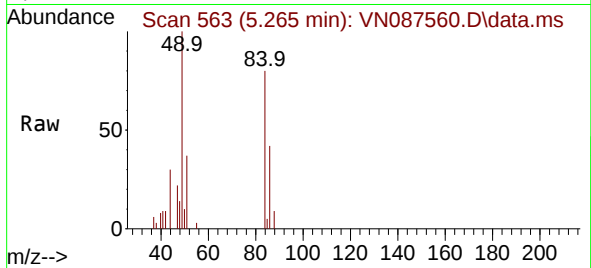




#20
Methylene Chloride
Concen: 3.401 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

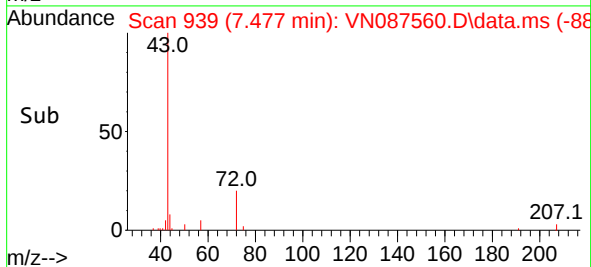
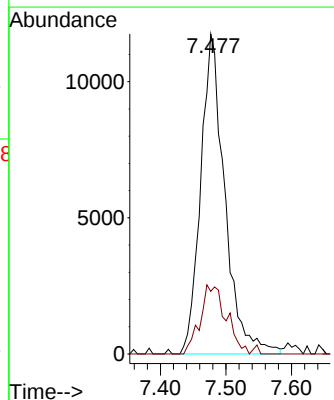
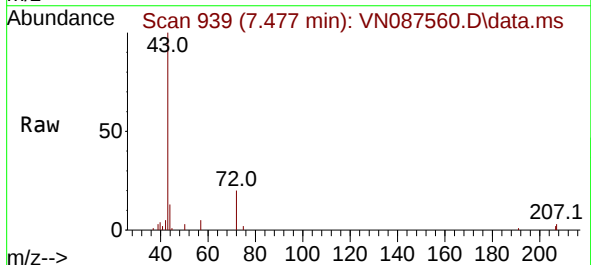
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-16-G

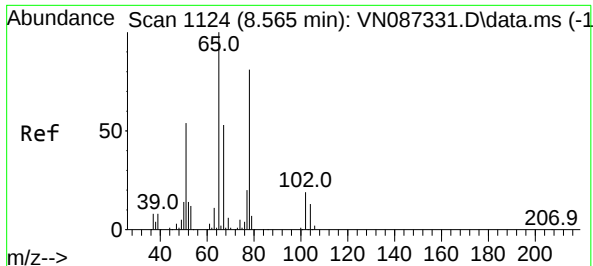
Tgt Ion:	84	Resp:	12939
Ion	Ratio	Lower	Upper
84	100		
49	125.4	107.5	161.3
51	45.8	30.2	45.2#
86	53.2	49.3	73.9



#25
2-Butanone
Concen: 10.169 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

Tgt Ion:	43	Resp:	30083
Ion	Ratio	Lower	Upper
43	100		
72	19.6	19.6	29.4#





#33

1,2-Dichloroethane-d4

Concen: 53.793 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087560.D

Acq: 14 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

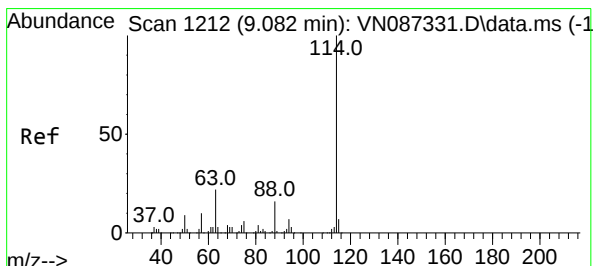
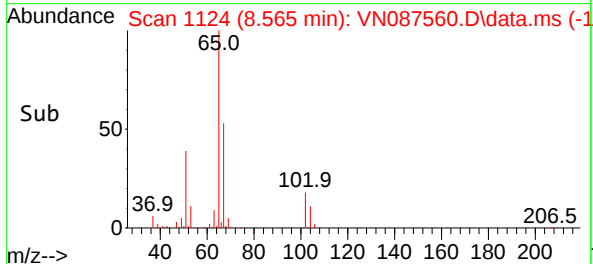
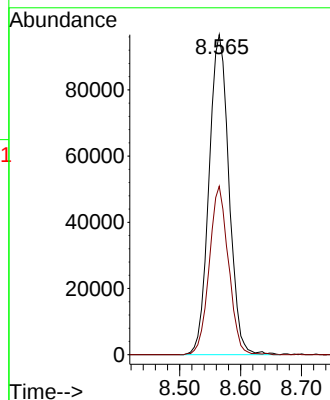
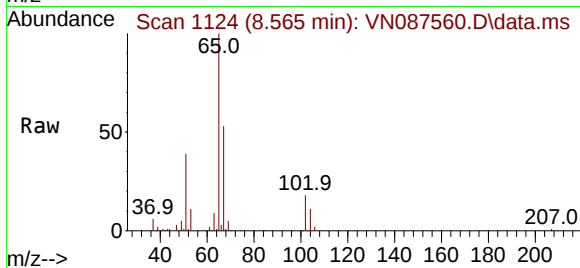
WC-A2-16-G

Tgt Ion: 65 Resp: 219663

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087560.D

Acq: 14 Aug 2025 13:08

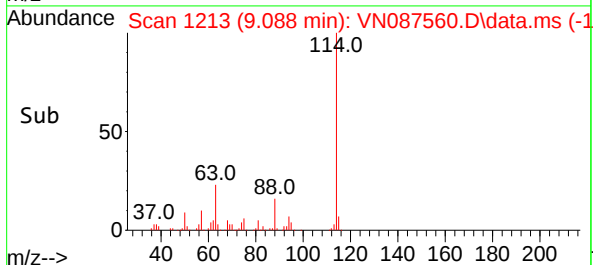
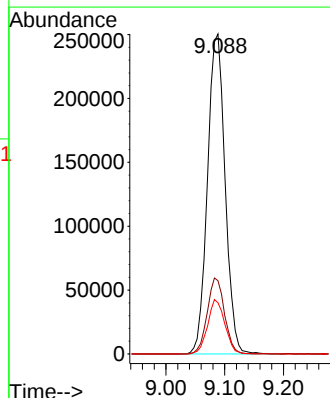
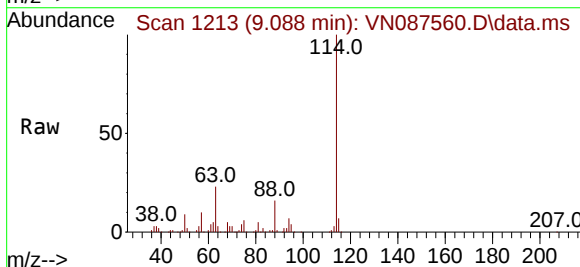
Tgt Ion: 114 Resp: 521243

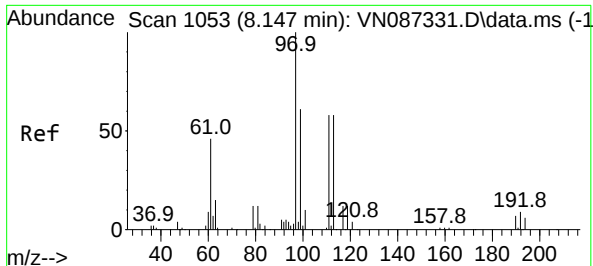
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.0 0.0 32.8

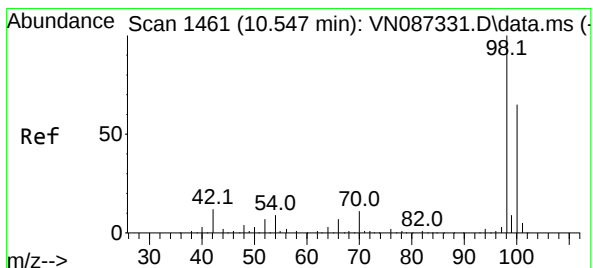
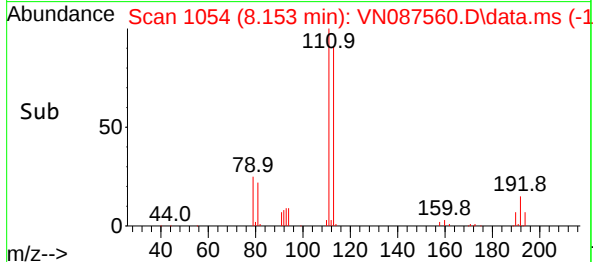
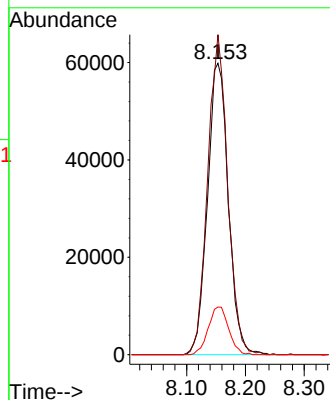
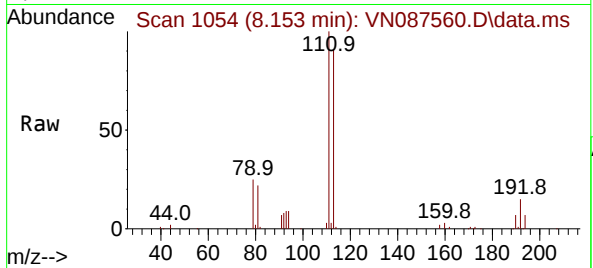




#35
Dibromofluoromethane
Concen: 41.042 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

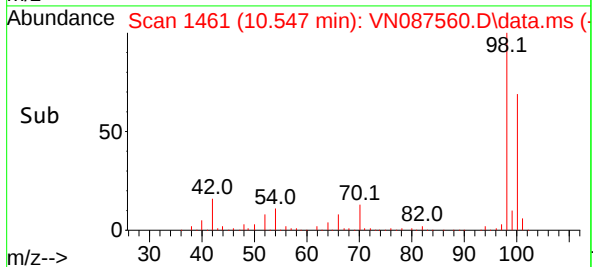
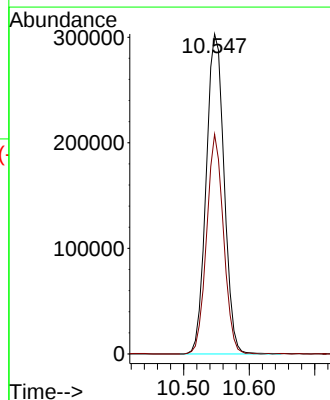
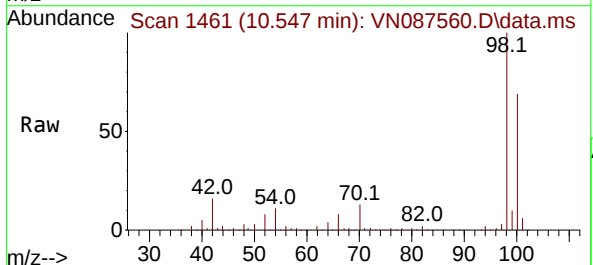
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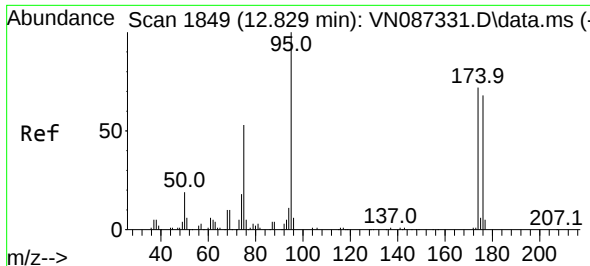
Tgt Ion:113 Resp: 147568
Ion Ratio Lower Upper
113 100
111 105.2 82.5 123.7
192 16.0 13.7 20.5



#50
Toluene-d8
Concen: 44.948 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

Tgt Ion: 98 Resp: 576483
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

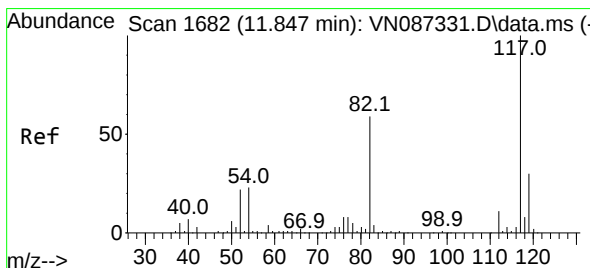
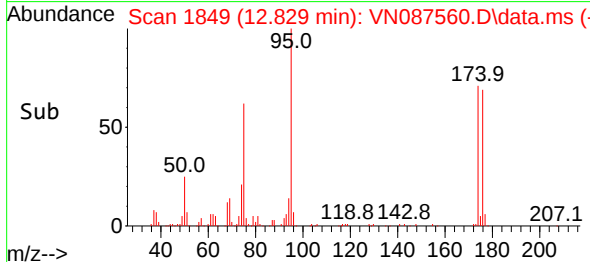
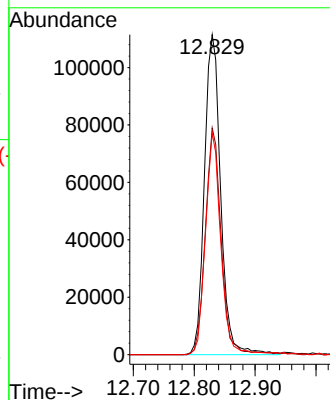
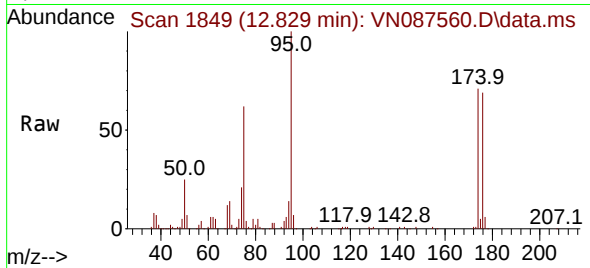




#62
4-Bromofluorobenzene
Concen: 43.629 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

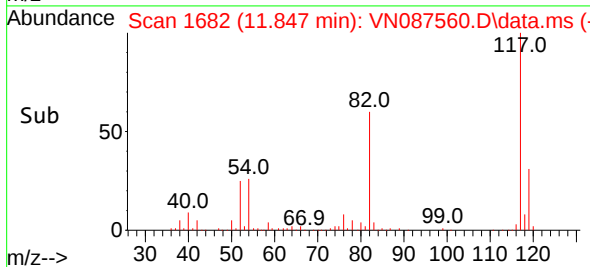
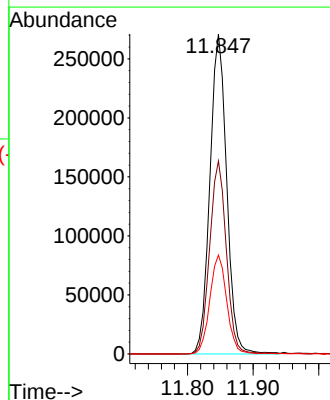
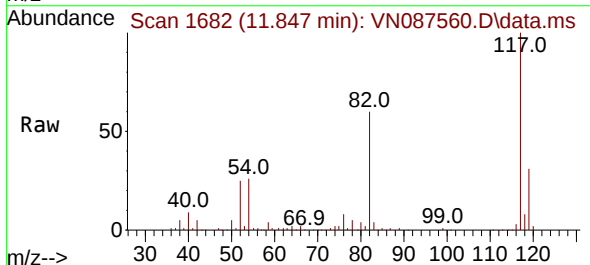
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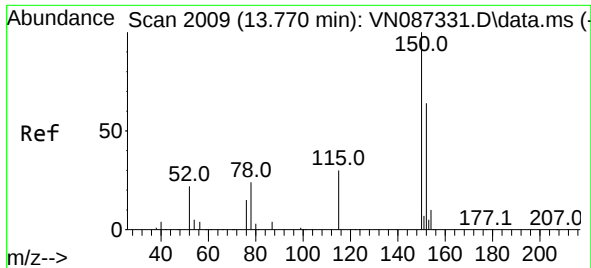
Tgt Ion: 95 Resp: 206736
Ion Ratio Lower Upper
95 100
174 69.3 0.0 149.4
176 65.4 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087560.D
Acq: 14 Aug 2025 13:08

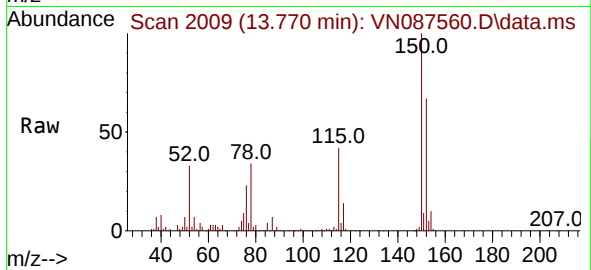
Tgt Ion: 117 Resp: 482653
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 30.9 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087560.D
 Acq: 14 Aug 2025 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-16-G



Tgt Ion:152 Resp: 220545
 Ion Ratio Lower Upper
 152 100
 115 65.8 31.1 93.5
 150 157.9 0.0 349.0

