

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087538.D
 Acq On : 13 Aug 2025 16:21
 Operator : JC\MD
 Sample : Q2732-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A7-01-G

Quant Time: Aug 14 04:03:02 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)

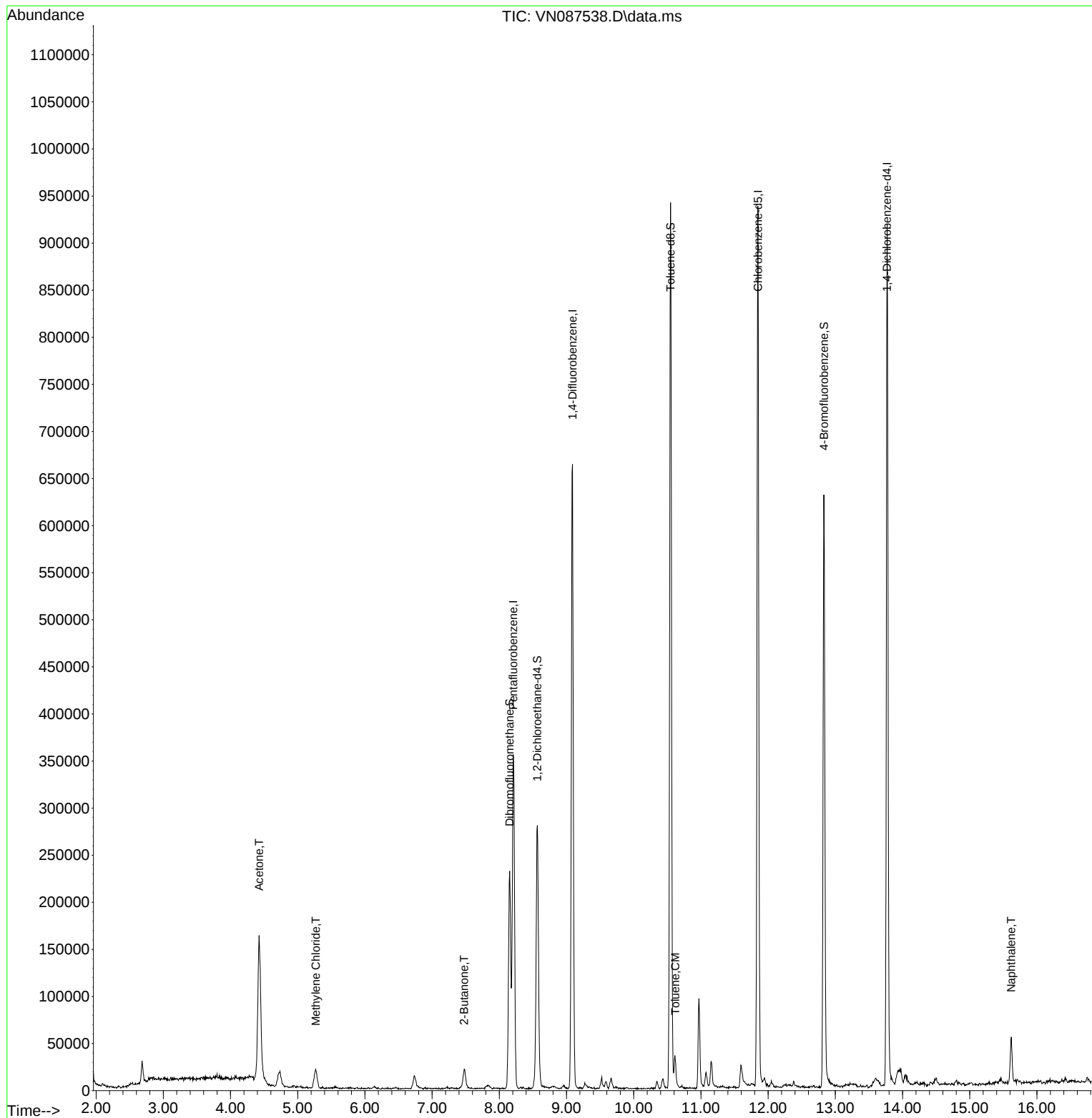
Internal Standards						
1) Pentafluorobenzene	8.206	168	239708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	533270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	494800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	227638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	239523	58.889	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.780%	
35) Dibromofluoromethane	8.153	113	161141	43.806	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	87.620%	
50) Toluene-d8	10.547	98	624414	47.587	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.180%	
62) 4-Bromofluorobenzene	12.829	95	228200	47.073	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.140%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	292723	153.495	ug/l	97
20) Methylene Chloride	5.271	84	14756	3.988	ug/l #	83
25) 2-Butanone	7.477	43	36044	12.232	ug/l	97
52) Toluene	10.618	92	12182	1.276	ug/l	86
95) Naphthalene	15.617	128	42077	2.927	ug/l	97

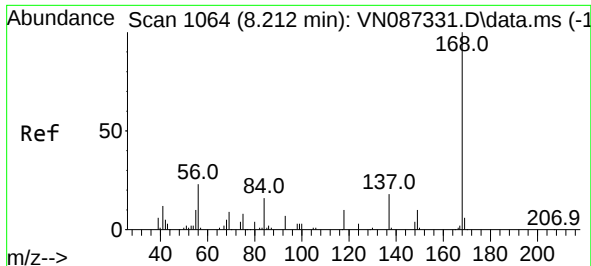
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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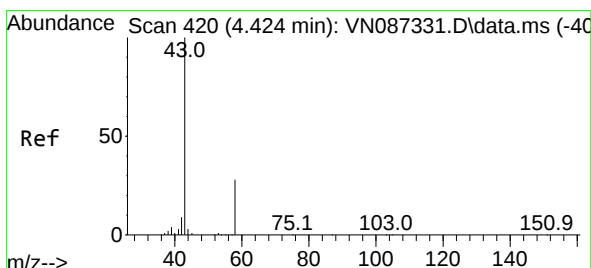
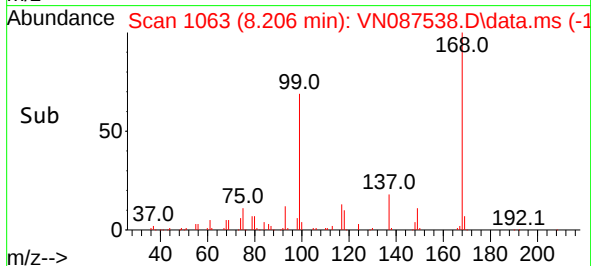
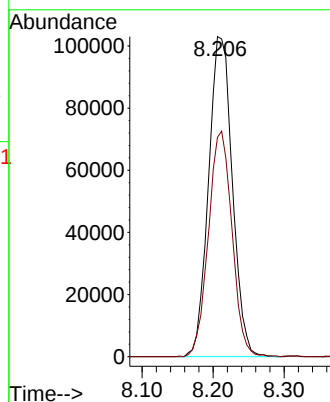
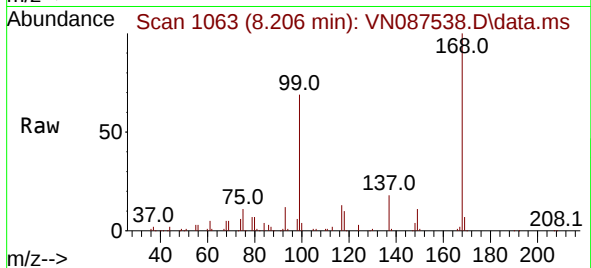




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

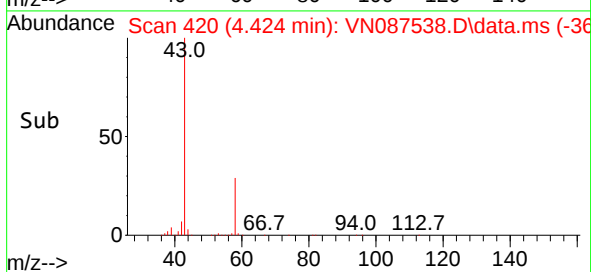
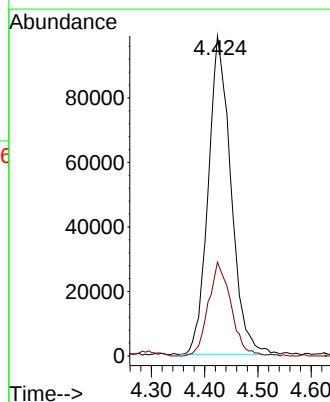
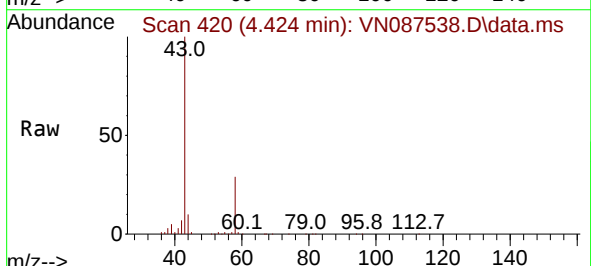
Instrument :
MSVOA_N
ClientSampleId :
WC-A7-01-G

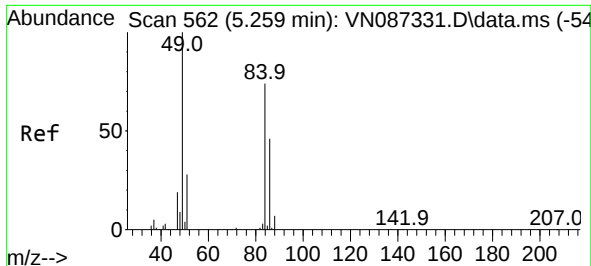
Tgt Ion:168 Resp: 239708
Ion Ratio Lower Upper
168 100
99 68.5 47.9 71.9



#16
Acetone
Concen: 153.495 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

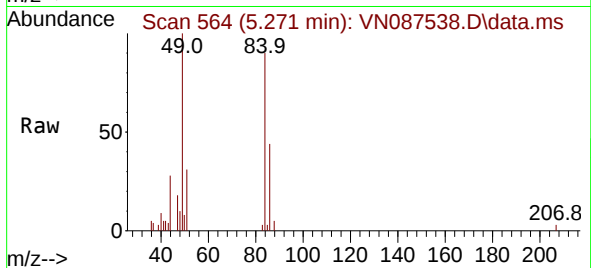
Tgt Ion: 43 Resp: 292723
Ion Ratio Lower Upper
43 100
58 29.4 22.3 33.5



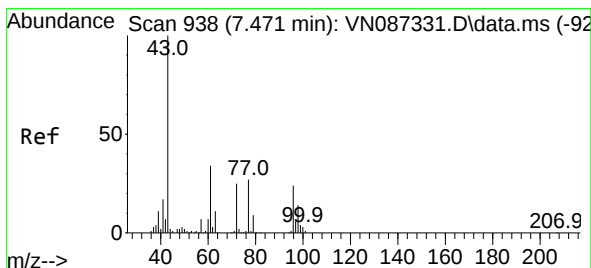
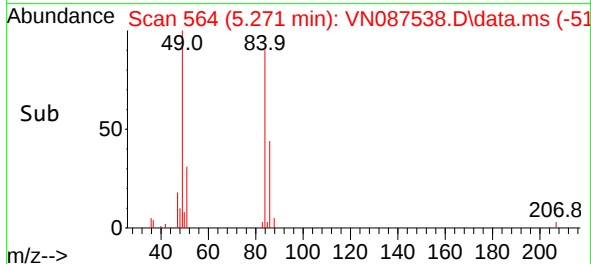
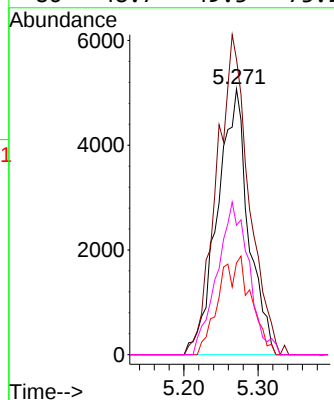


#20
Methylene Chloride
Concen: 3.988 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
WC-A7-01-G

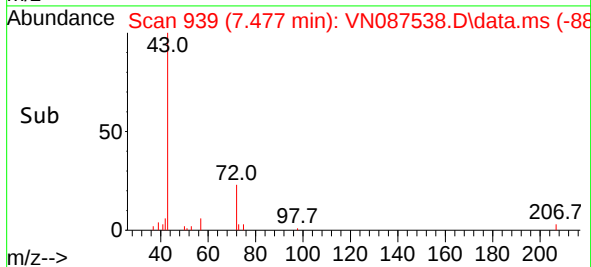
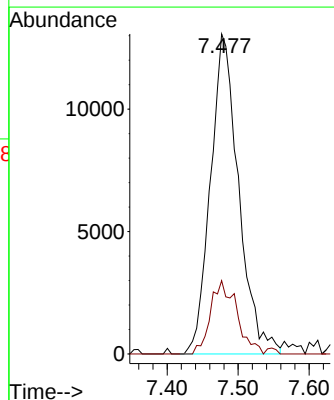
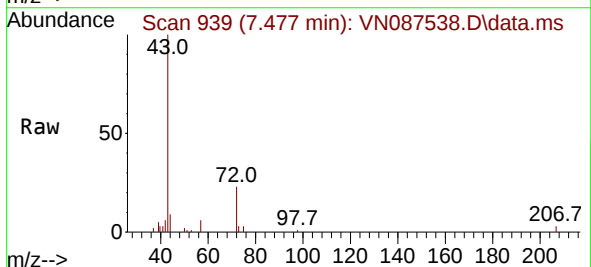


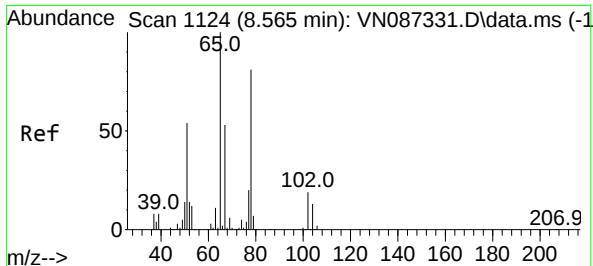
Tgt Ion:	84	Resp:	14756
Ion	Ratio	Lower	Upper
84	100		
49	111.2	107.5	161.3
51	34.5	30.2	45.2
86	48.7	49.3	73.9



#25
2-Butanone
Concen: 12.232 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

Tgt Ion:	43	Resp:	36044
Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.6	29.4





#33

1,2-Dichloroethane-d4

Concen: 58.889 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087538.D

Acq: 13 Aug 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

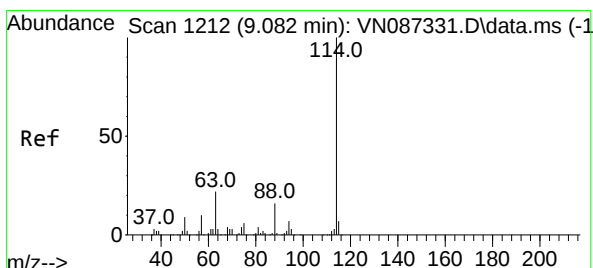
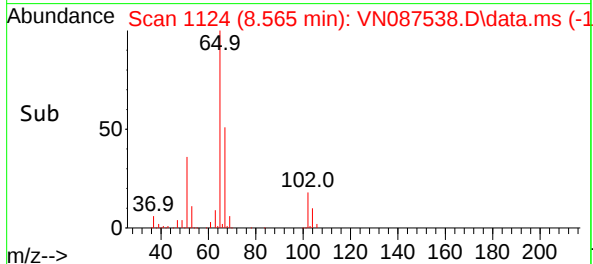
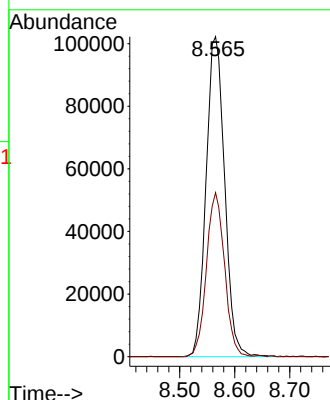
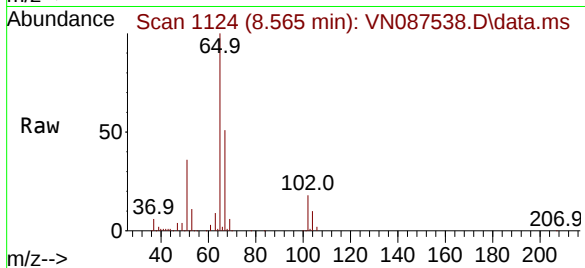
WC-A7-01-G

Tgt Ion: 65 Resp: 239523

Ion Ratio Lower Upper

65 100

67 50.0 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: VN087538.D

Acq: 13 Aug 2025 16:21

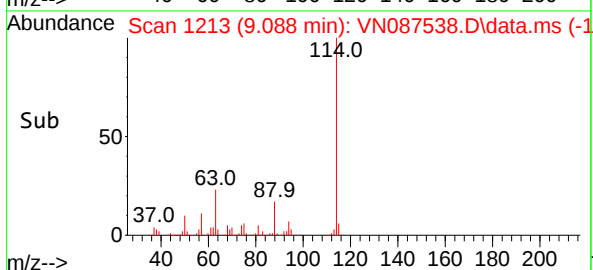
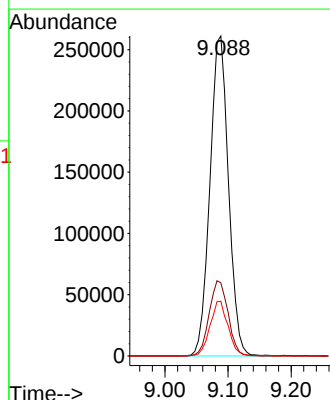
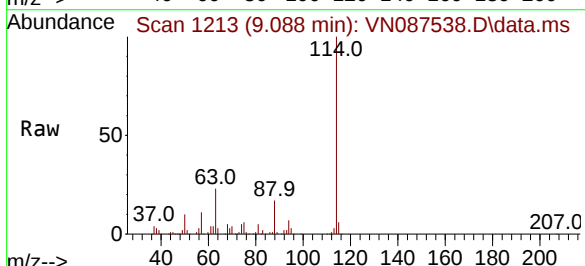
Tgt Ion: 114 Resp: 533270

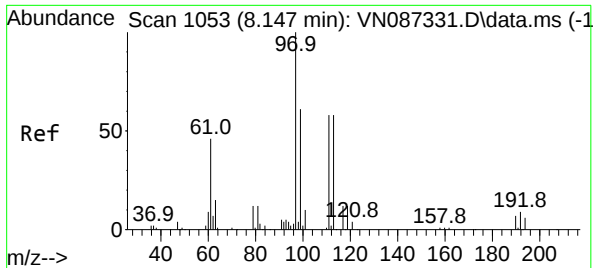
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.1 0.0 32.8

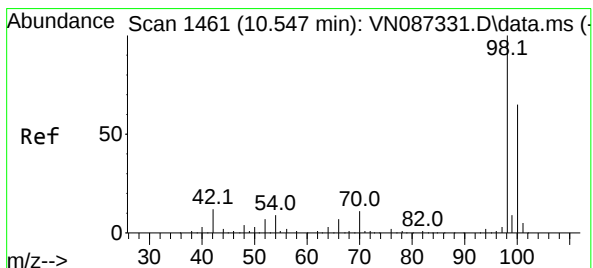
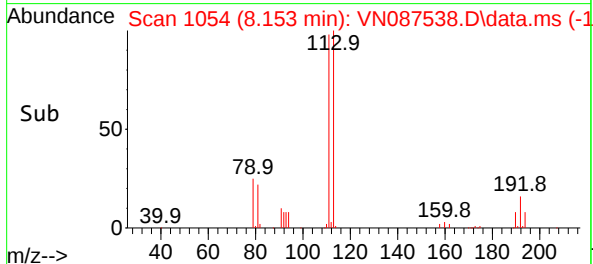
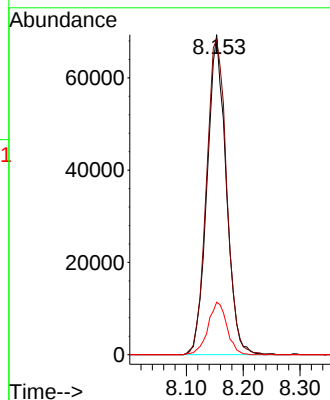
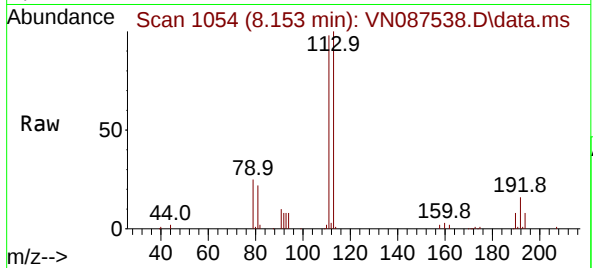




#35
Dibromofluoromethane
Concen: 43.806 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

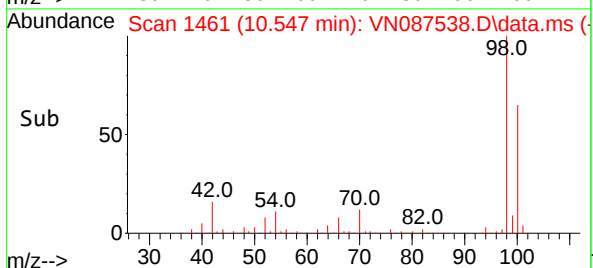
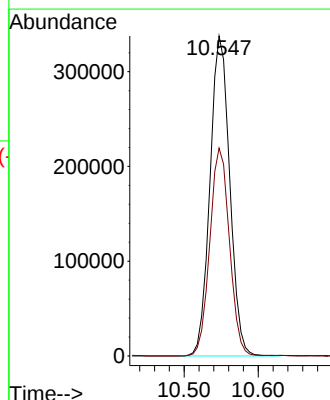
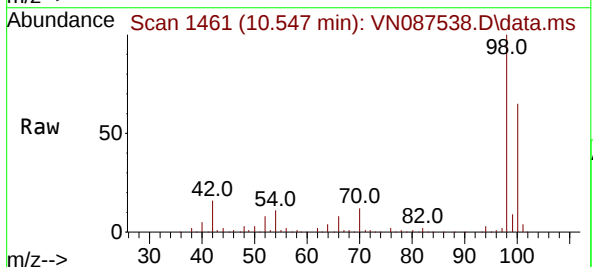
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ClientSampleId :
WC-A7-01-G

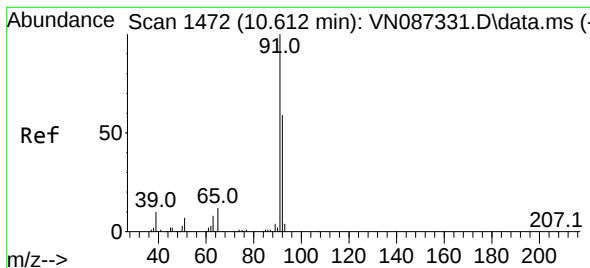
Tgt Ion:113 Resp: 161141
Ion Ratio Lower Upper
113 100
111 104.1 82.5 123.7
192 16.3 13.7 20.5



#50
Toluene-d8
Concen: 47.587 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

Tgt Ion: 98 Resp: 624414
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1





#52

Toluene

Concen: 1.276 ug/l

RT: 10.618 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VN087538.D

Acq: 13 Aug 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

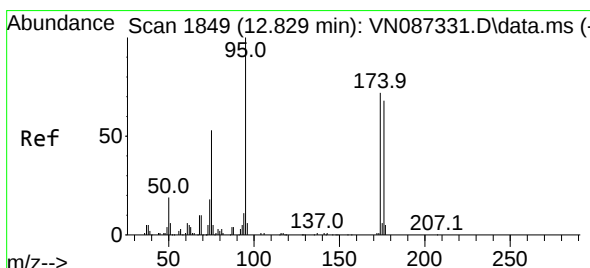
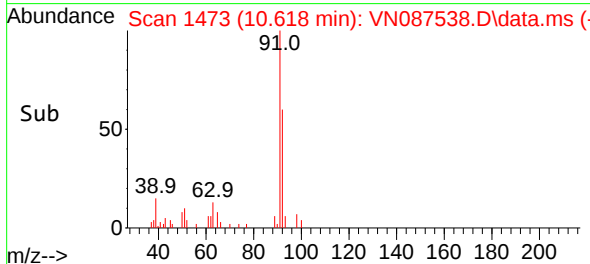
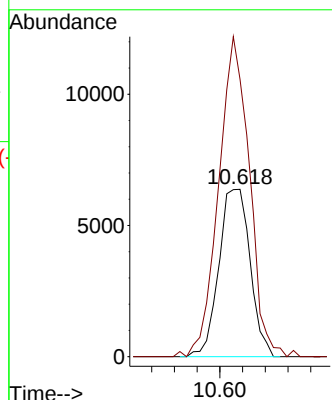
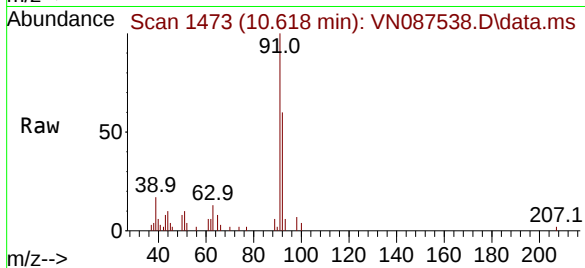
WC-A7-01-G

Tgt Ion: 92 Resp: 12182

Ion Ratio Lower Upper

92 100

91 188.5 135.1 202.7



#62

4-Bromofluorobenzene

Concen: 47.073 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VN087538.D

Acq: 13 Aug 2025 16:21

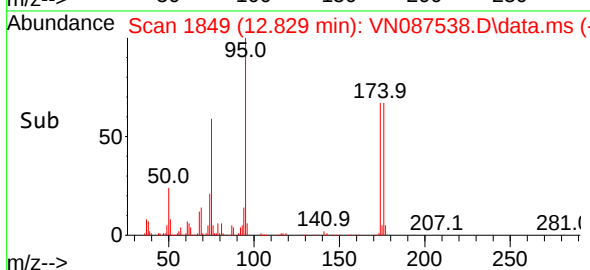
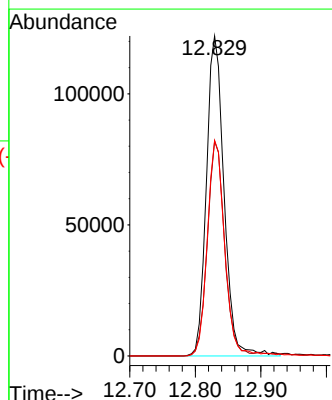
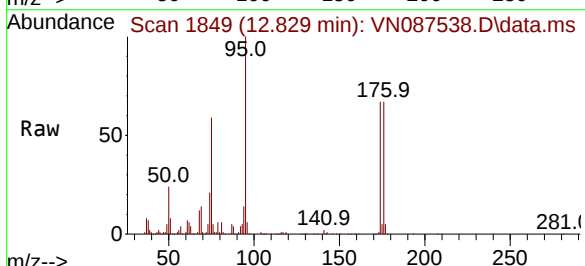
Tgt Ion: 95 Resp: 228200

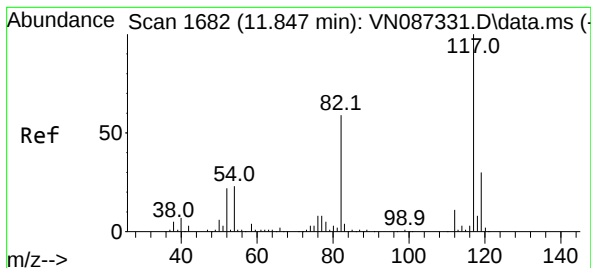
Ion Ratio Lower Upper

95 100

174 65.2 0.0 149.4

176 66.9 0.0 141.2

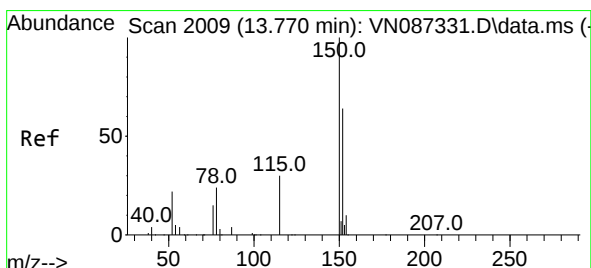
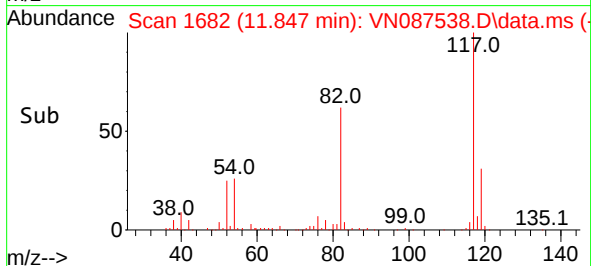
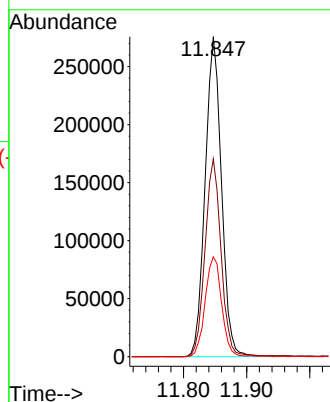
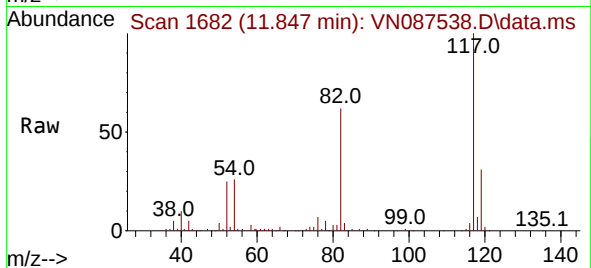




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

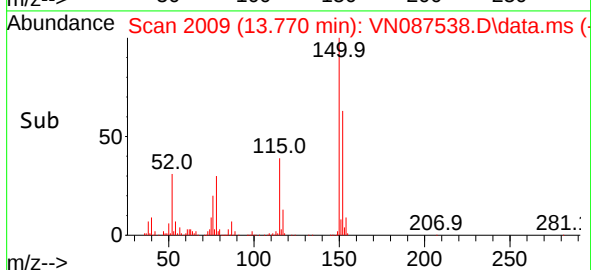
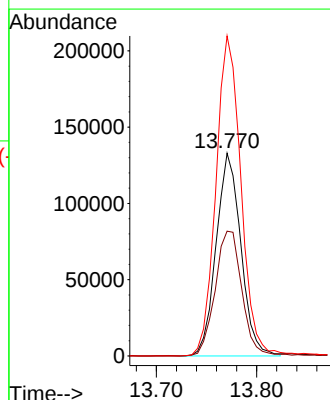
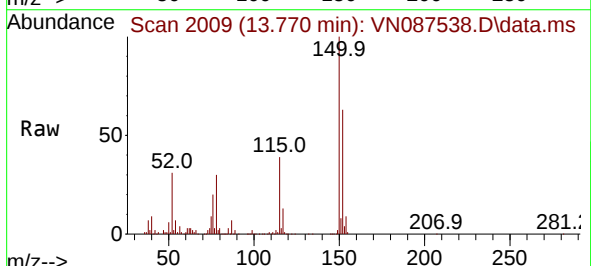
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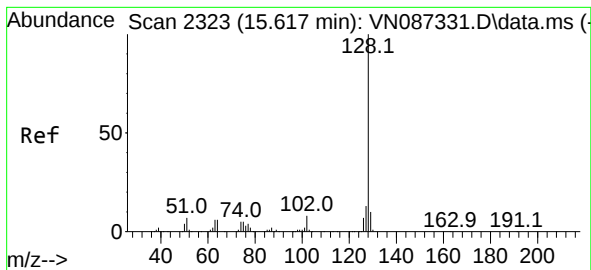
Tgt Ion:117 Resp: 494800
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.2 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

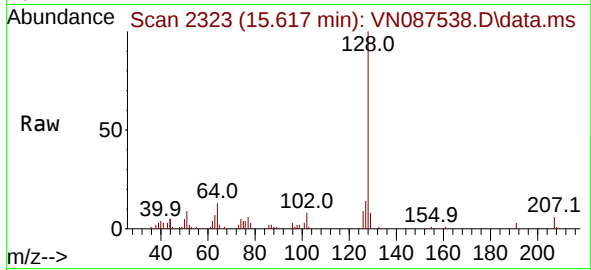
Tgt Ion:152 Resp: 227638
Ion Ratio Lower Upper
152 100
115 67.1 31.1 93.5
150 161.0 0.0 349.0





#95
Naphthalene
Concen: 2.927 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087538.D
Acq: 13 Aug 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
WC-A7-01-G



Tgt Ion:128 Resp: 42077
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 10.1 8.4 12.6

