

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087546.D
 Acq On : 13 Aug 2025 19:18
 Operator : JC\MD
 Sample : Q2836-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-17-G

Quant Time: Aug 14 04:06:45 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)

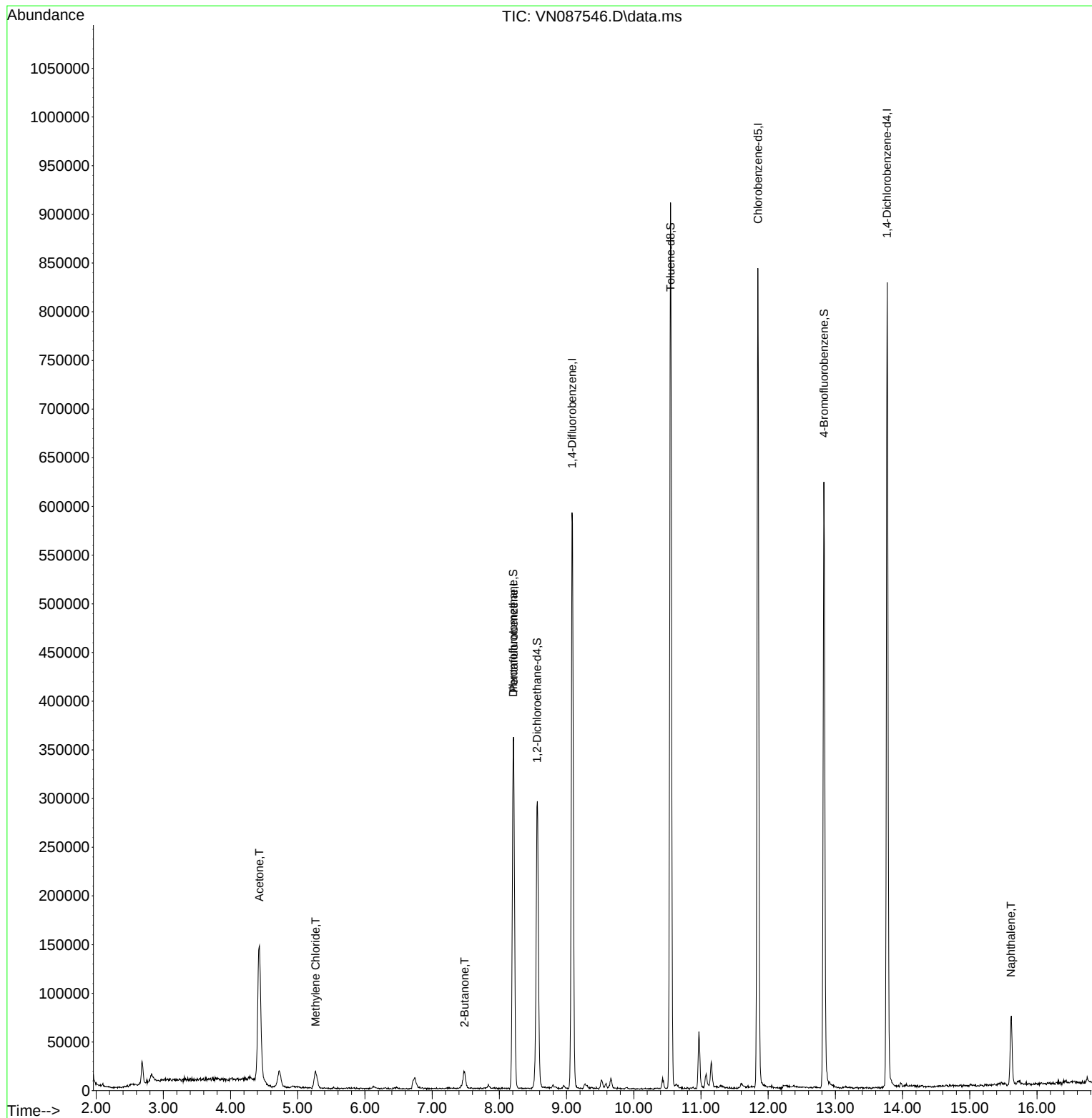
Internal Standards						
1) Pentafluorobenzene	8.212	168	238732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	484976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	435515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	203025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	250418	61.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.640%
35) Dibromofluoromethane	8.206	113	700	0.209	ug/l	0.06
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.420%#
50) Toluene-d8	10.547	98	594500	49.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.829	95	217928	49.430	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	284371	149.725	ug/l	99
20) Methylene Chloride	5.265	84	12073	3.160	ug/l #	80
25) 2-Butanone	7.482	43	31044	10.579	ug/l	93
95) Naphthalene	15.611	128	62569	4.880	ug/l	99

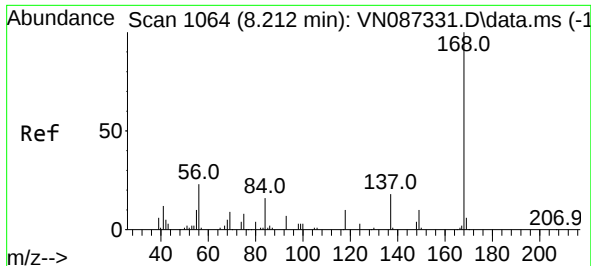
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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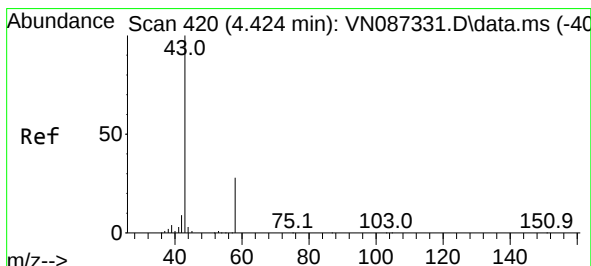
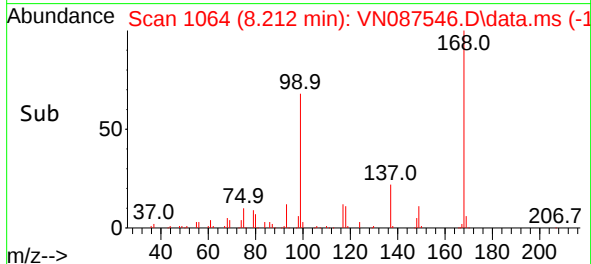
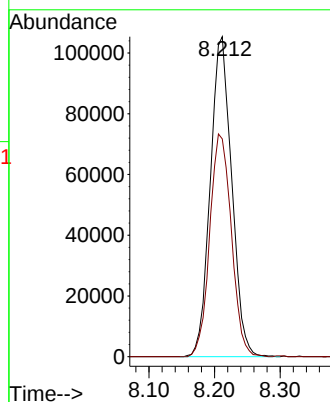
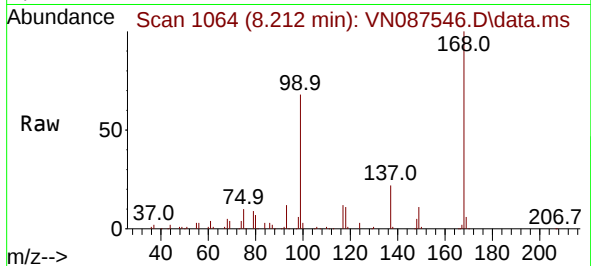




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

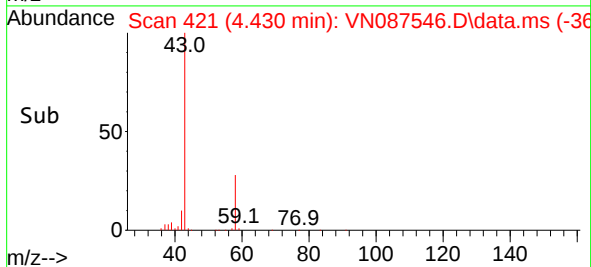
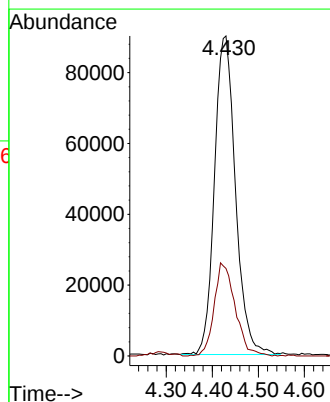
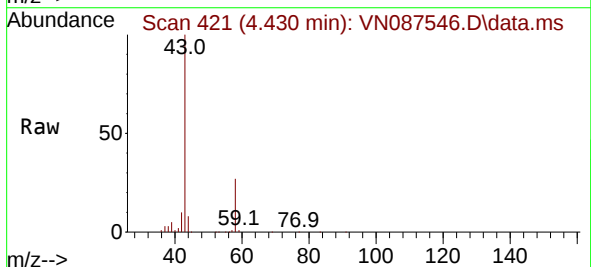
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-17-G

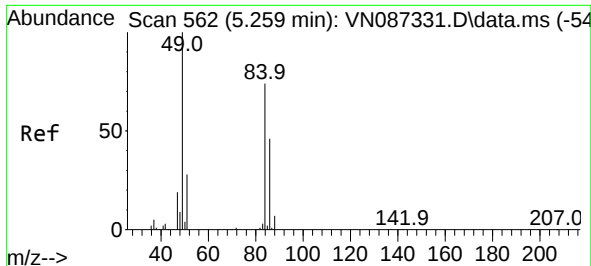
Tgt Ion:168 Resp: 238732
Ion Ratio Lower Upper
168 100
99 68.0 47.9 71.9



#16
Acetone
Concen: 149.725 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Tgt Ion: 43 Resp: 284371
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

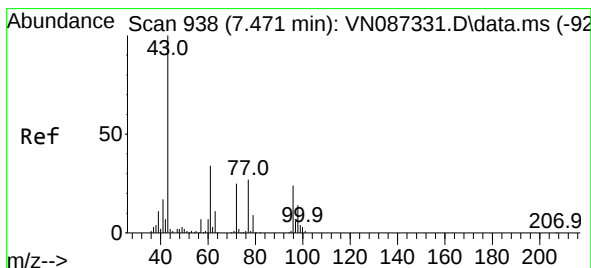
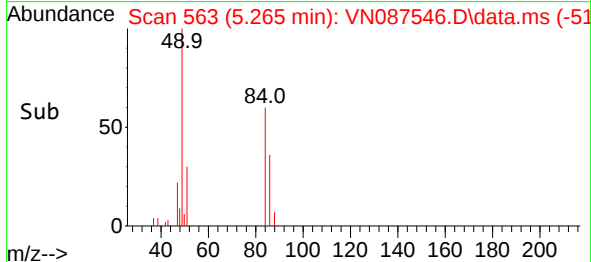
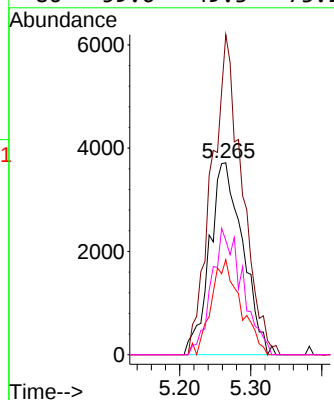
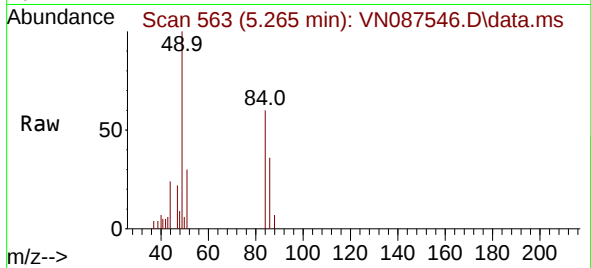




#20
Methylene Chloride
Concen: 3.160 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

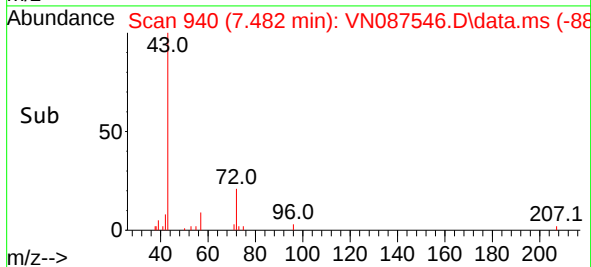
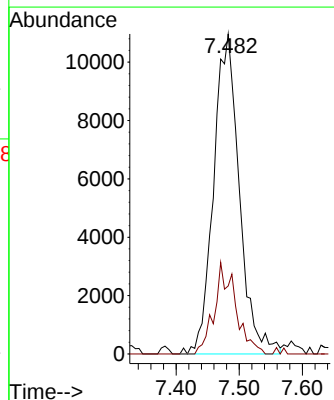
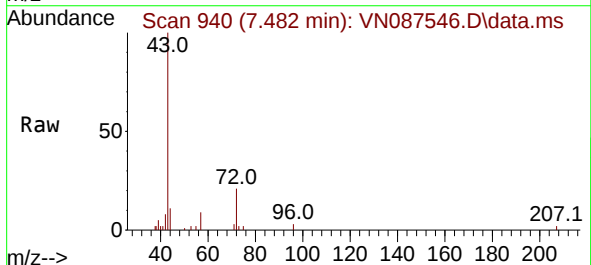
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-17-G

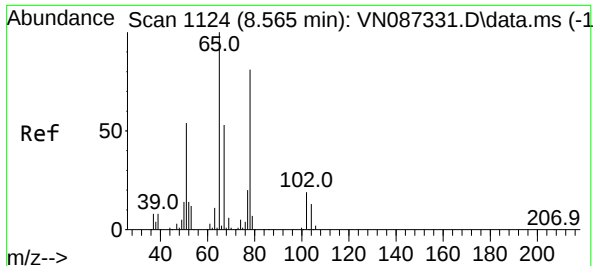
Tgt Ion: 84 Resp: 12073
Ion Ratio Lower Upper
84 100
49 166.9 107.5 161.3#
51 49.6 30.2 45.2#
86 59.6 49.3 73.9



#25
2-Butanone
Concen: 10.579 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Tgt Ion: 43 Resp: 31044
Ion Ratio Lower Upper
43 100
72 21.2 19.6 29.4





#33

1,2-Dichloroethane-d4

Concen: 61.820 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087546.D

Acq: 13 Aug 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

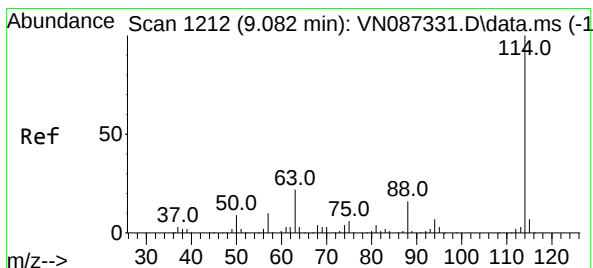
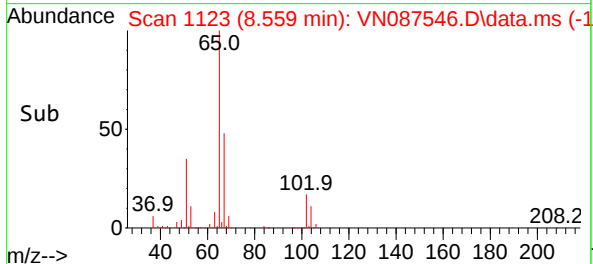
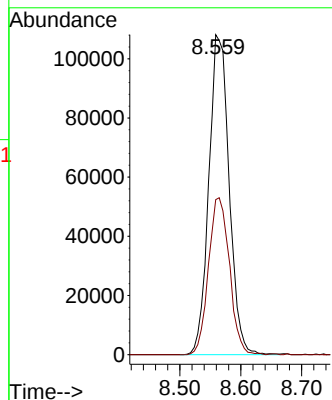
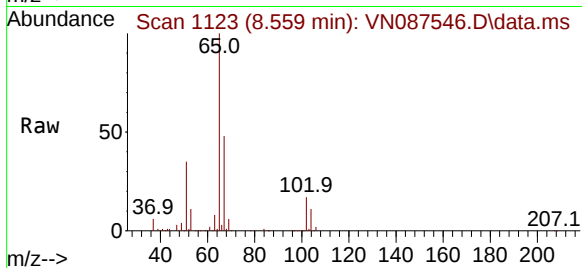
WC-A2-17-G

Tgt Ion: 65 Resp: 250418

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087546.D

Acq: 13 Aug 2025 19:18

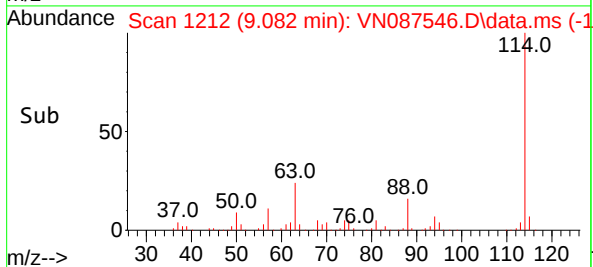
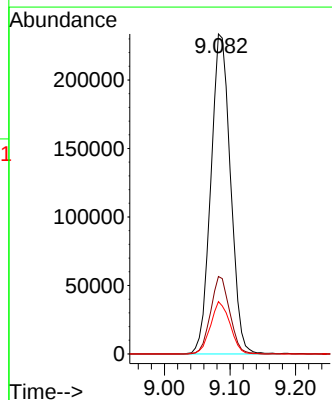
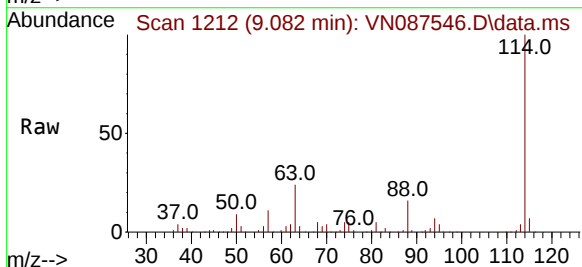
Tgt Ion: 114 Resp: 484976

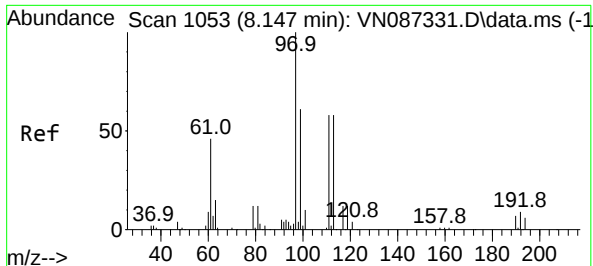
Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.6

88 16.4 0.0 32.8

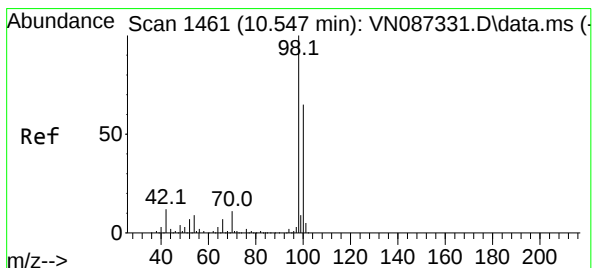
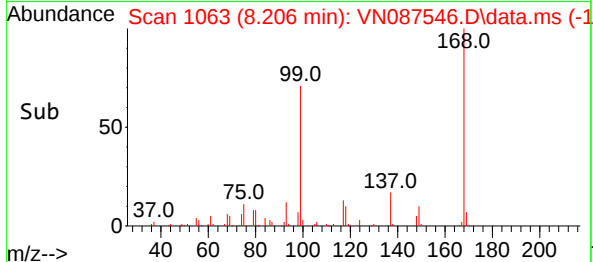
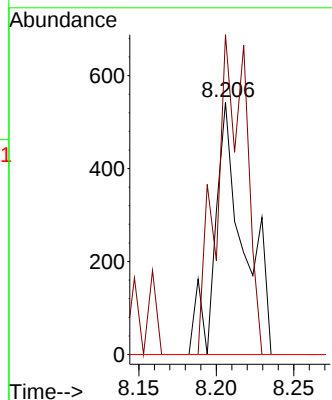
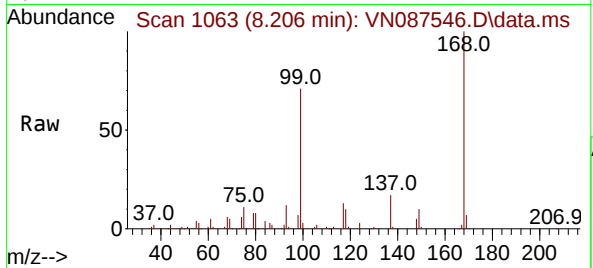




#35
Dibromofluoromethane
Concen: 0.209 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.059 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

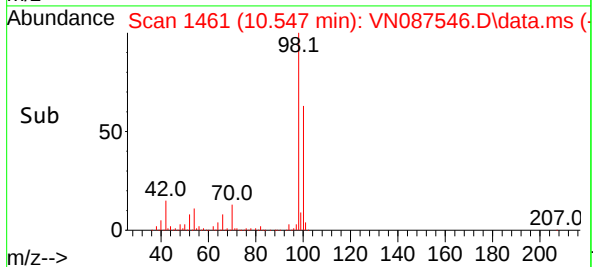
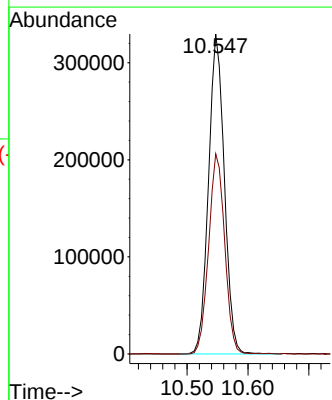
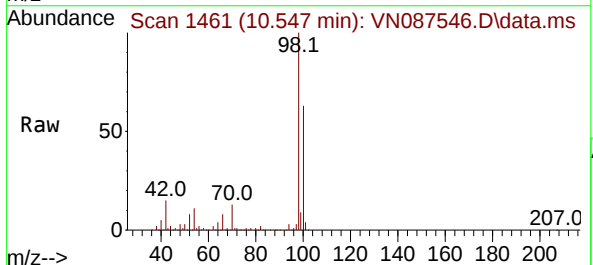
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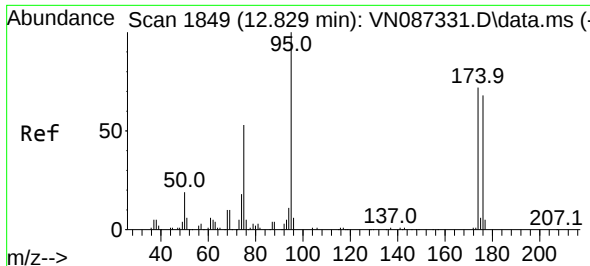
Tgt Ion:113 Resp: 700
Ion Ratio Lower Upper
113 100
111 130.1 82.5 123.7#
192 0.0 13.7 20.5#



#50
Toluene-d8
Concen: 49.819 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Tgt Ion: 98 Resp: 594500
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

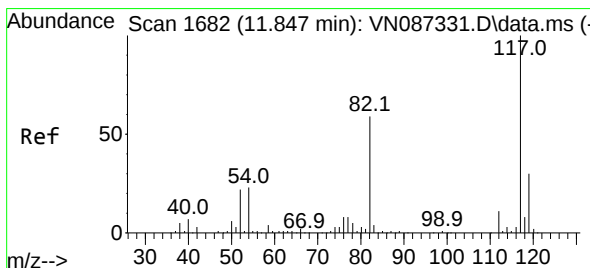
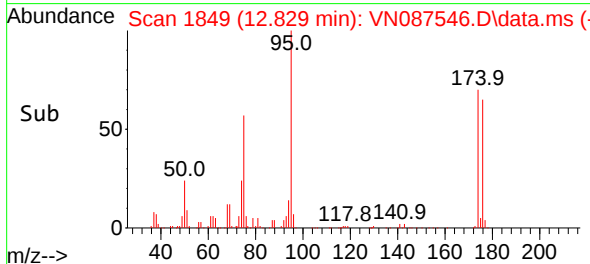
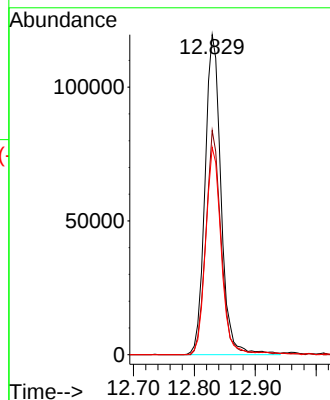
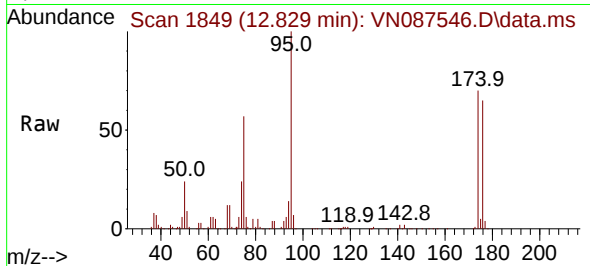




#62
4-Bromofluorobenzene
Concen: 49.430 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

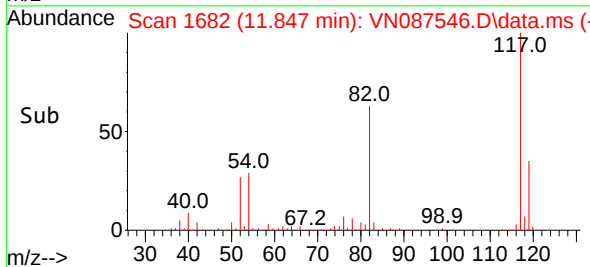
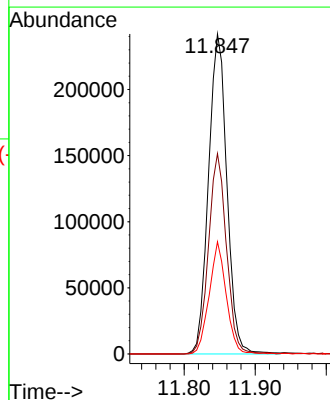
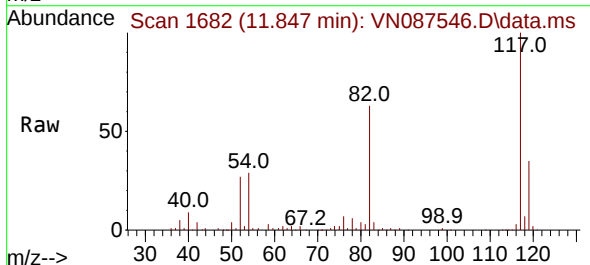
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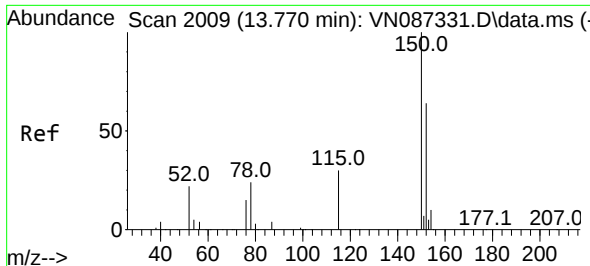
Tgt Ion: 95 Resp: 217928
Ion Ratio Lower Upper
95 100
174 66.5 0.0 149.4
176 62.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Tgt Ion: 117 Resp: 435515
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 35.1 23.8 35.8

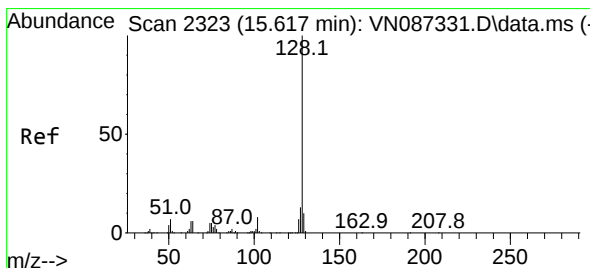
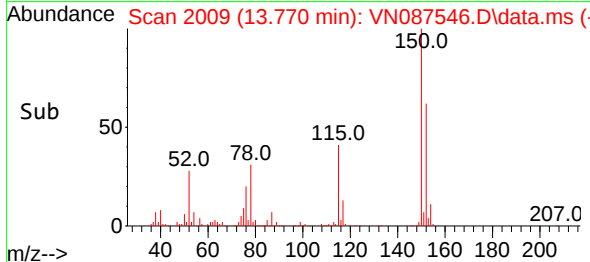
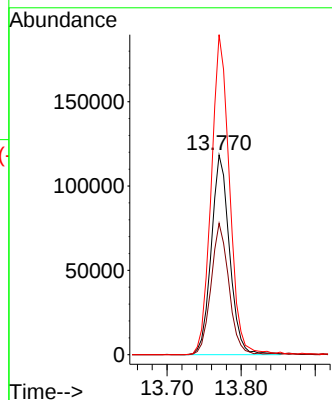
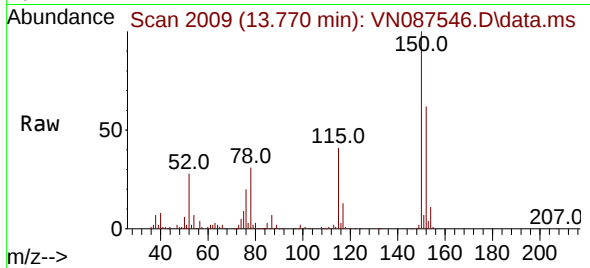




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
WC-A2-17-G

Tgt Ion:152 Resp: 203025
Ion Ratio Lower Upper
152 100
115 64.2 31.1 93.5
150 159.8 0.0 349.0



#95
Naphthalene
Concen: 4.880 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087546.D
Acq: 13 Aug 2025 19:18

Tgt Ion:128 Resp: 62569
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.2 8.4 12.6

