

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087095.D
 Acq On : 18 Jun 2025 18:39
 Operator : JC\MD
 Sample : Q2329-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20250613

Quant Time: Jun 19 01:33:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

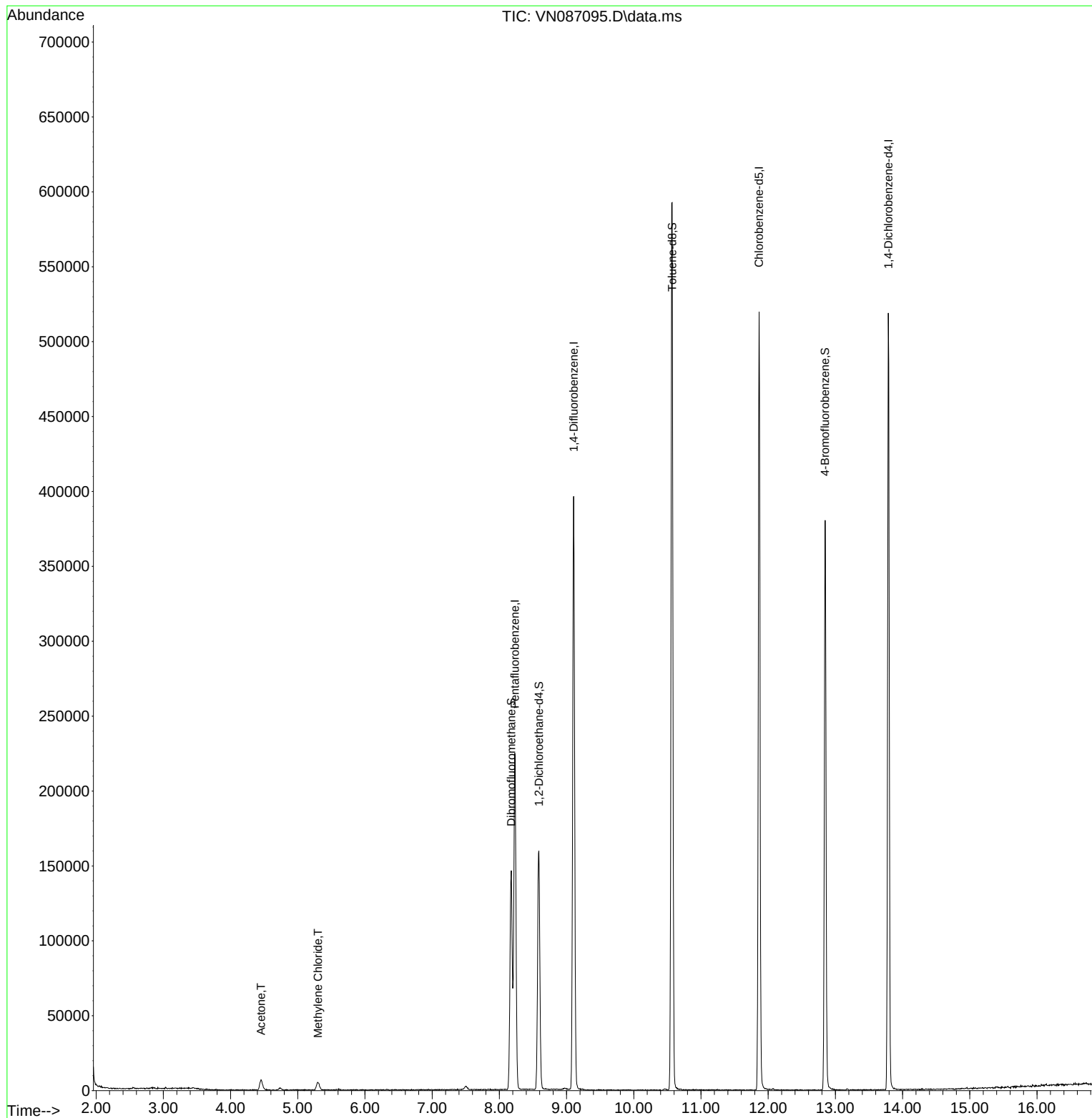
Internal Standards						
1) Pentafluorobenzene	8.229	168	177161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	362021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	133529	56.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.580%
35) Dibromofluoromethane	8.177	113	113292	52.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.620%
50) Toluene-d8	10.570	98	447665	52.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.847	95	151423	47.988	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.980%
Target Compounds					Qvalue	
16) Acetone	4.453	43	13976	11.111	ug/l	90
20) Methylene Chloride	5.300	84	4663	1.980	ug/l	94

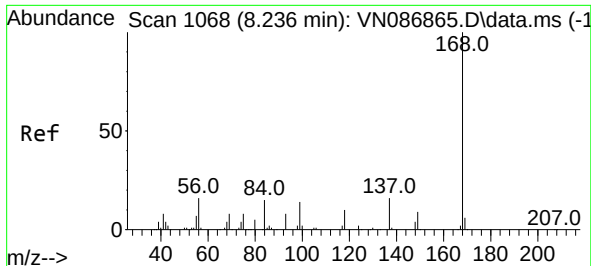
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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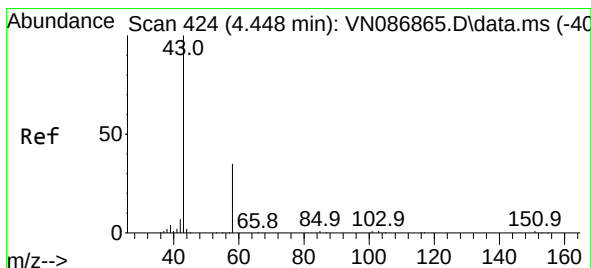
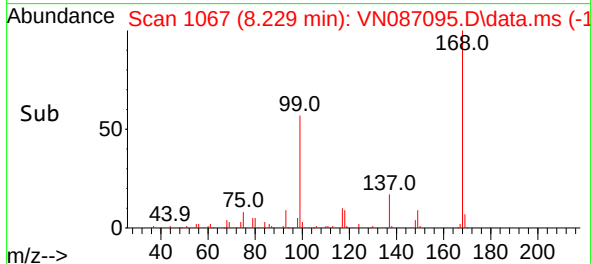
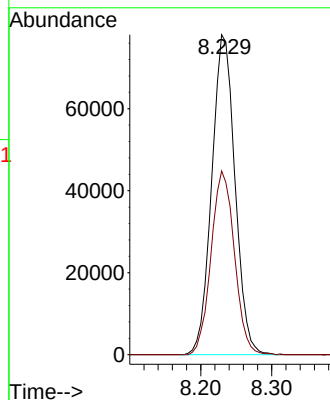
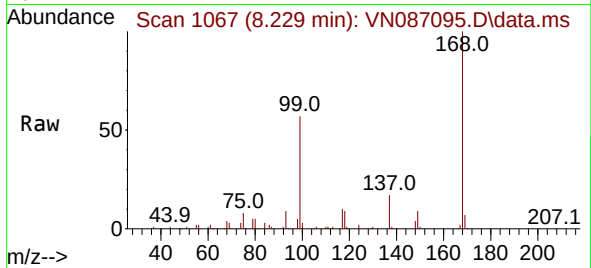




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

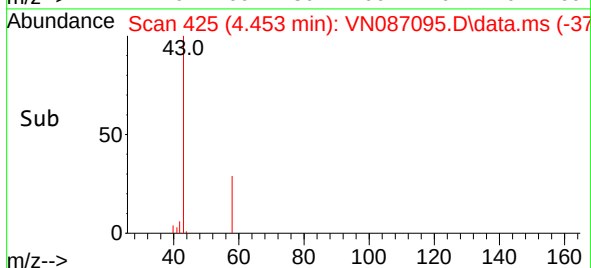
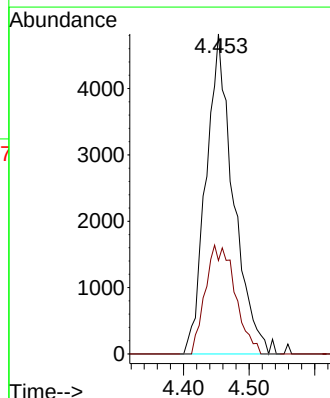
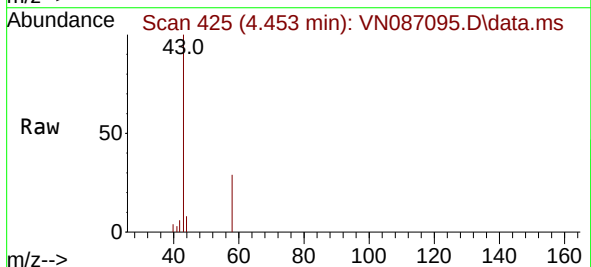
Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

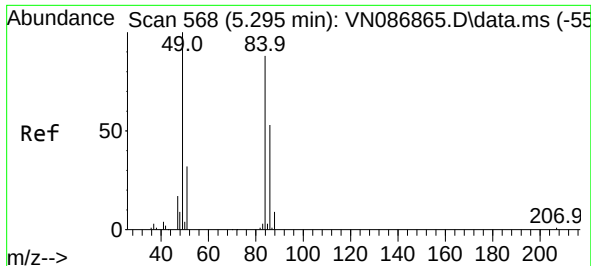
Tgt Ion:168 Resp: 177161
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#16
Acetone
Concen: 11.111 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Tgt Ion: 43 Resp: 13976
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0

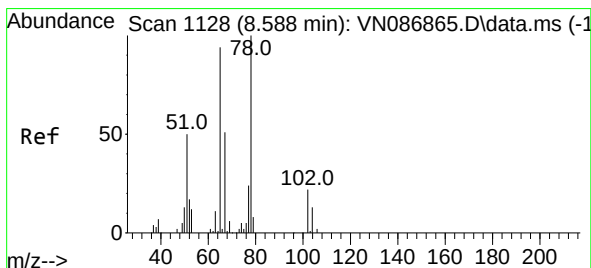
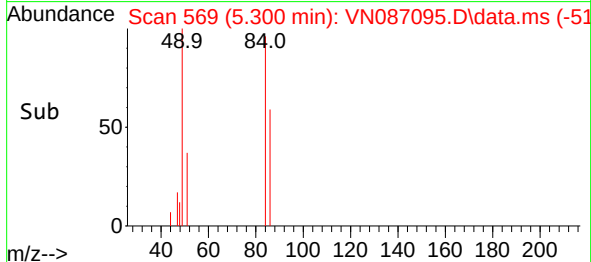
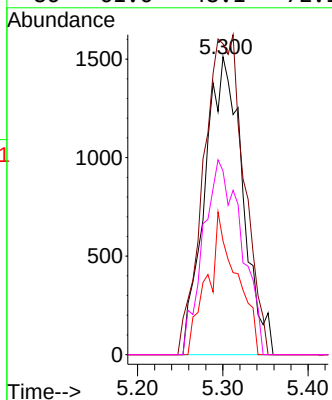
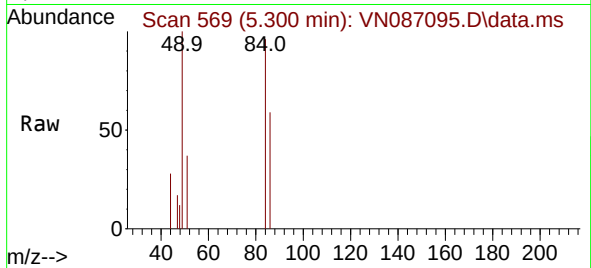




#20
Methylene Chloride
Concen: 1.980 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

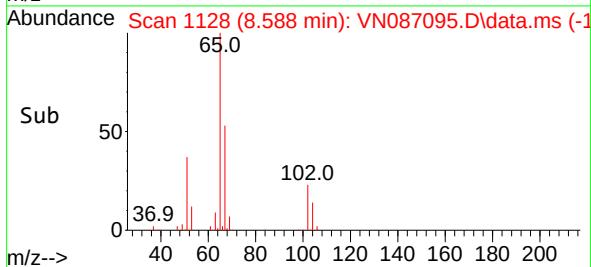
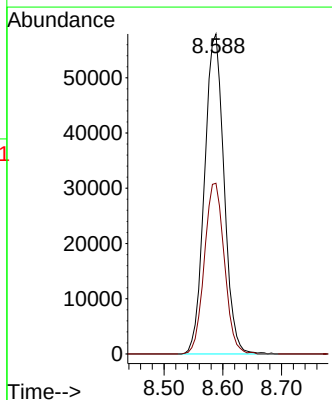
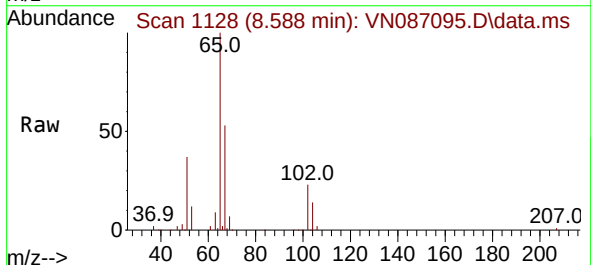
Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

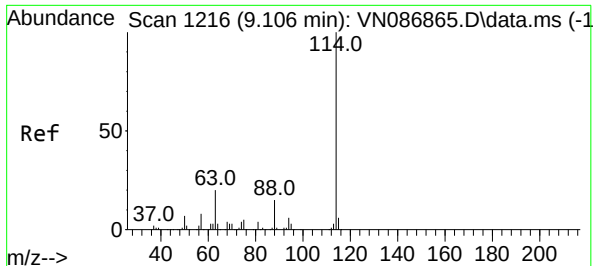
Tgt Ion:	84	Resp:	4663
Ion	Ratio	Lower	Upper
84	100		
49	104.4	90.5	135.7
51	38.2	28.5	42.7
86	61.6	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 56.294 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Tgt Ion:	65	Resp:	133529
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6

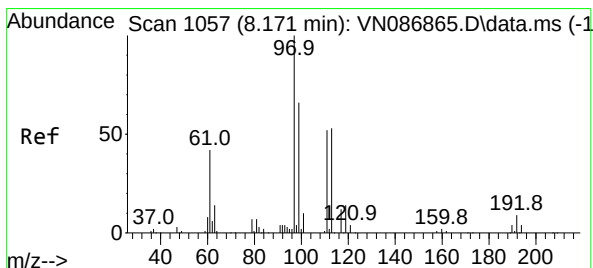
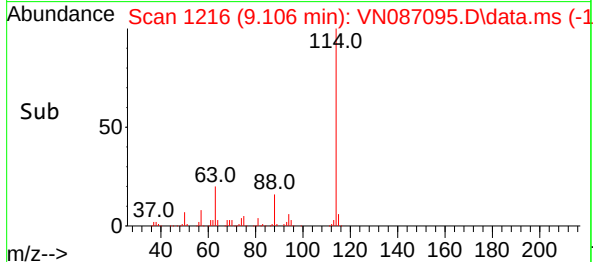
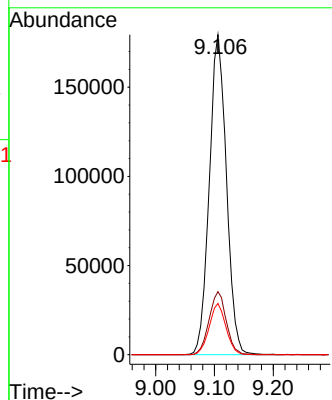
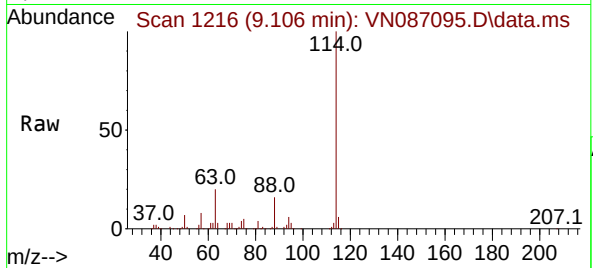




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

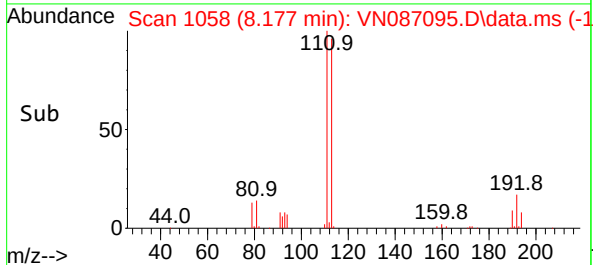
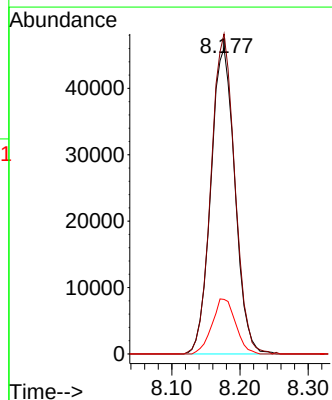
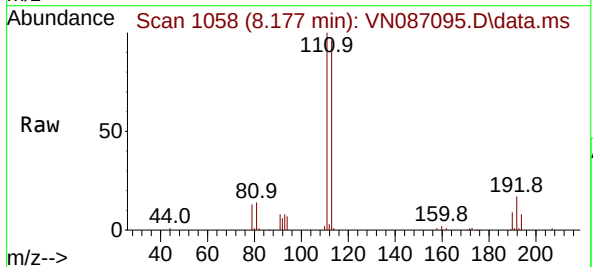
Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

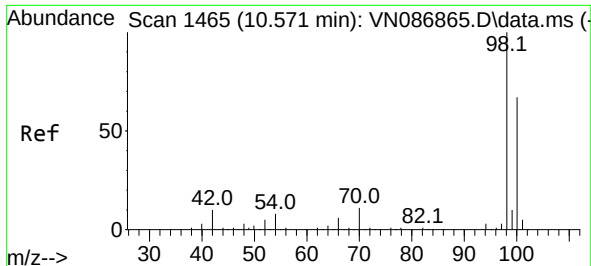
Tgt Ion:114 Resp: 362021
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.806 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Tgt Ion:113 Resp: 113292
Ion Ratio Lower Upper
113 100
111 103.2 84.2 126.2
192 17.6 14.2 21.4

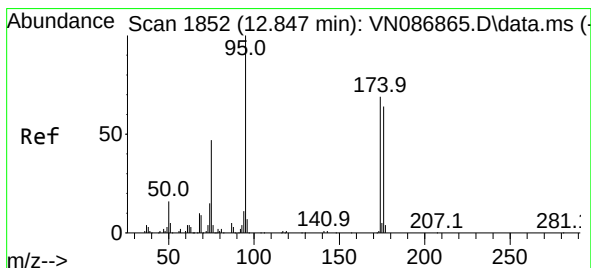
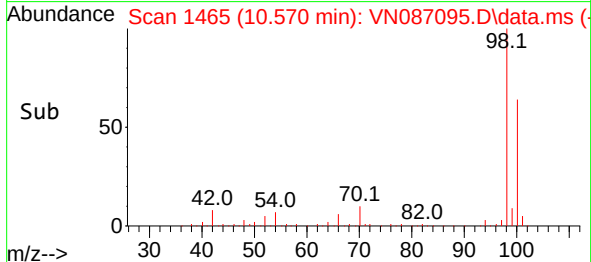
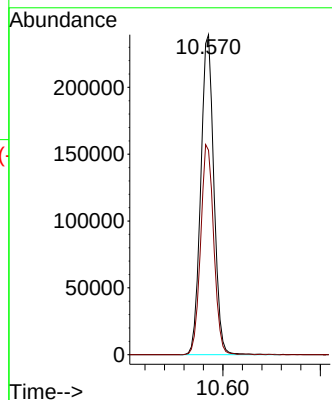
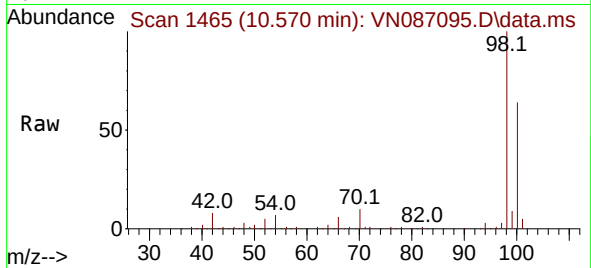




#50
Toluene-d8
Concen: 52.709 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

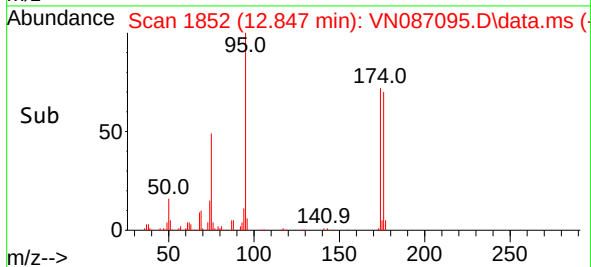
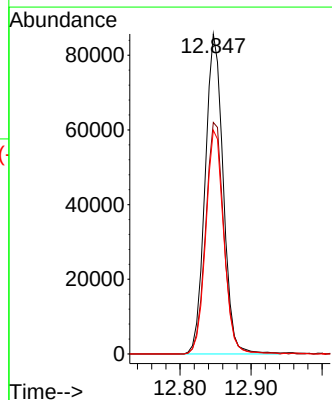
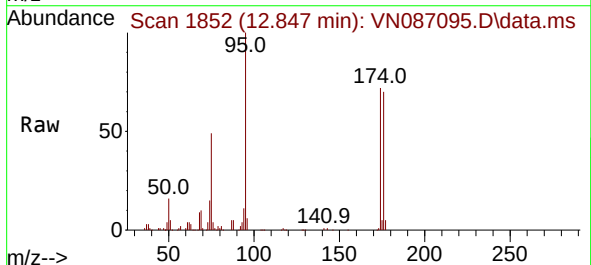
Instrument :
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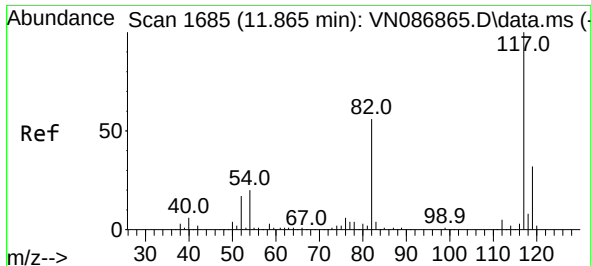
Tgt Ion: 98 Resp: 447665
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Tgt Ion: 95 Resp: 151423
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.8
176 69.7 0.0 132.6

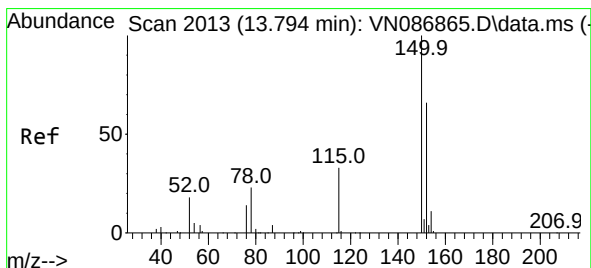
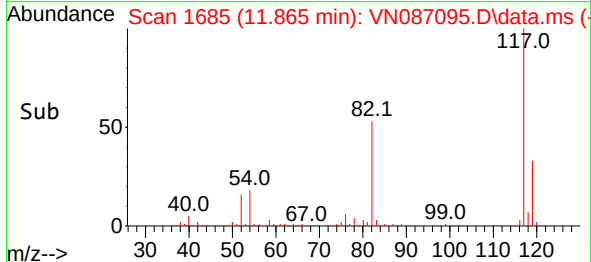
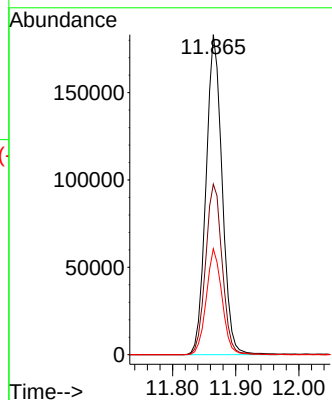
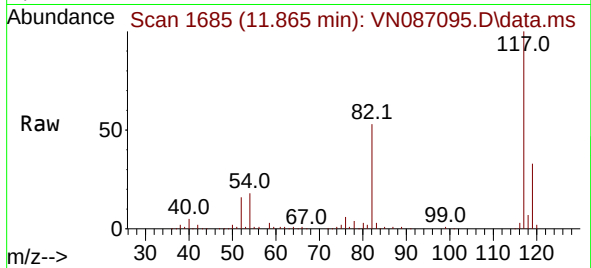




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

Tgt Ion:117 Resp: 325288
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087095.D
Acq: 18 Jun 2025 18:39

Tgt Ion:152 Resp: 153113
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.5
150 157.6 0.0 345.0

