

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087064.D
 Acq On : 17 Jun 2025 16:51
 Operator : JC\MD
 Sample : Q2329-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT188S1-20250612

Quant Time: Jun 18 01:51:16 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)

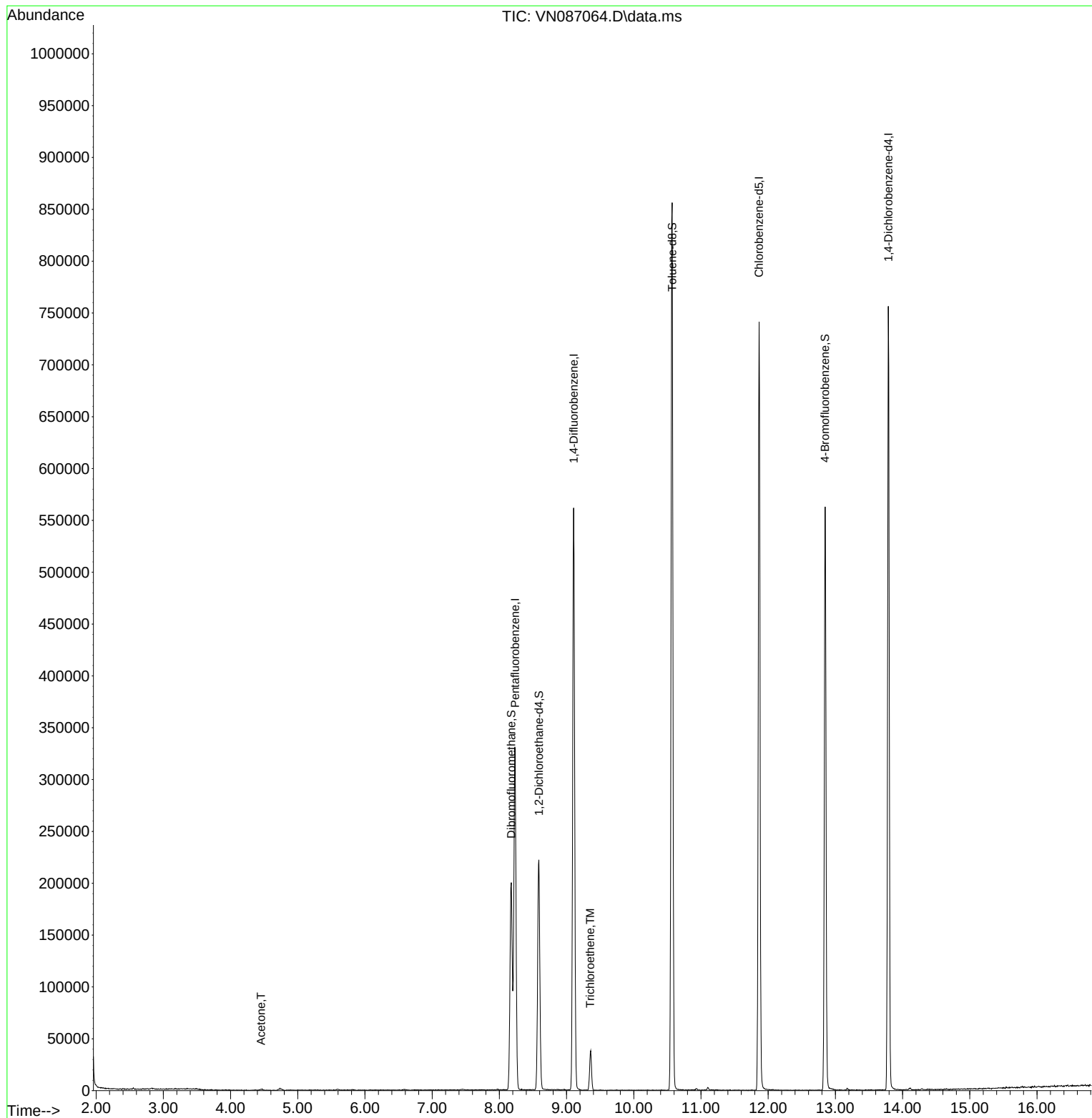
Internal Standards						
1) Pentafluorobenzene	8.235	168	262569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	472016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	222915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182650	51.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.920%
35) Dibromofluoromethane	8.177	113	157445	50.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.571	98	643870	52.219	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.847	95	227515	49.664	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.320%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	1951	1.047	ug/l	# 73
44) Trichloroethene	9.353	130	15452	4.294	ug/l	90

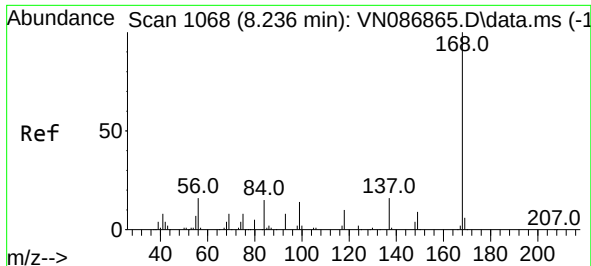
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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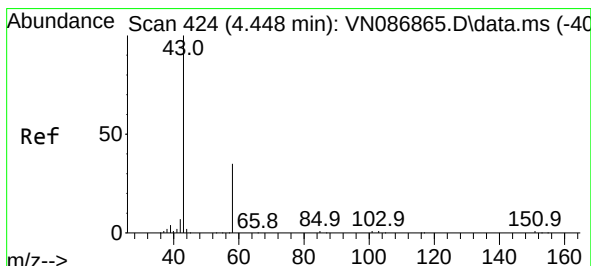
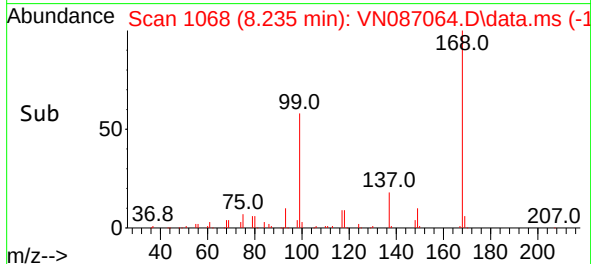
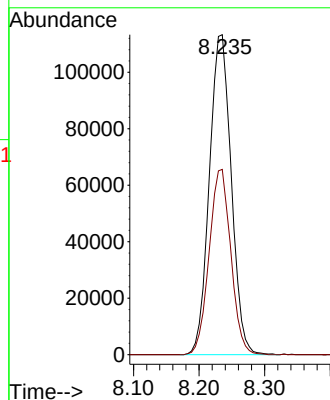
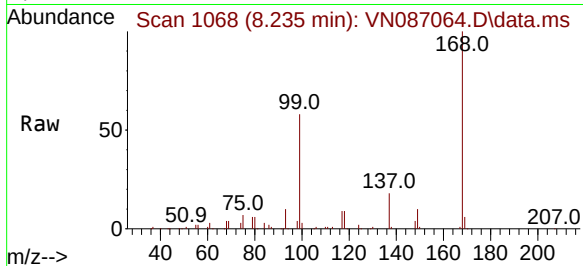




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

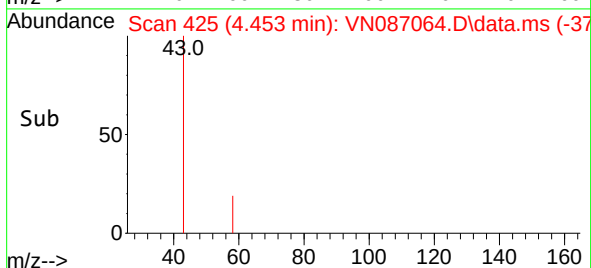
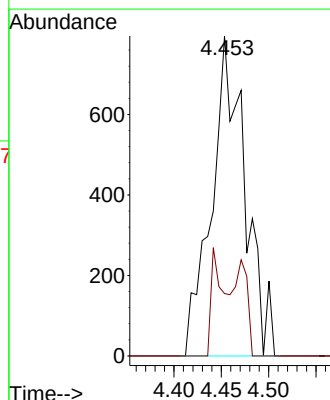
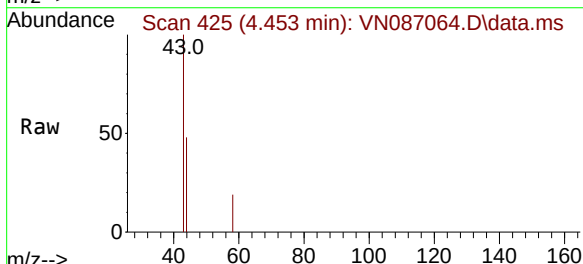
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

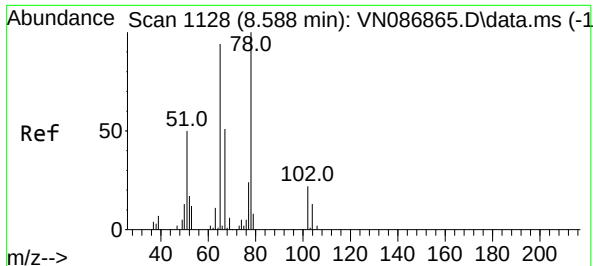
Tgt Ion:168 Resp: 262569
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#16
Acetone
Concen: 1.047 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
58 19.5 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

Instrument :

MSVOA_N

ClientSampleId :

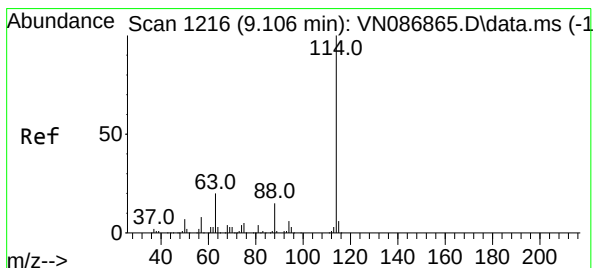
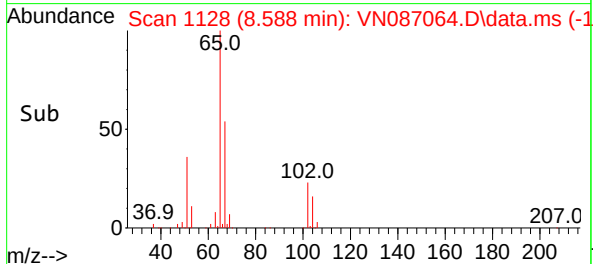
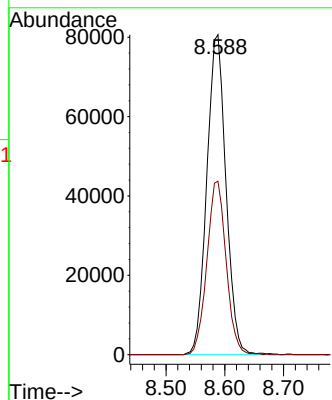
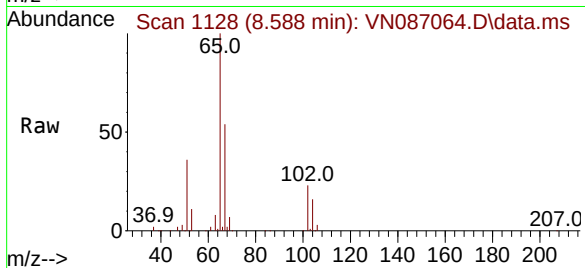
TT188S1-20250612

Tgt Ion: 65 Resp: 182650

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087064.D

Acq: 17 Jun 2025 16:51

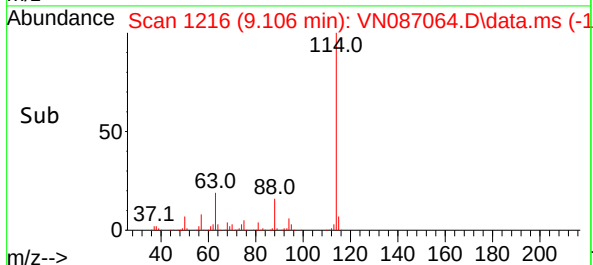
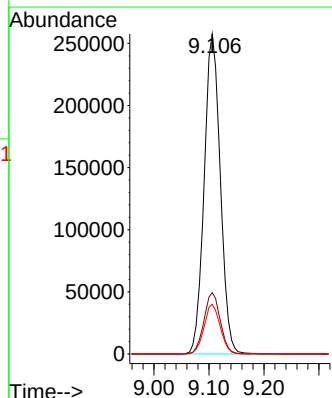
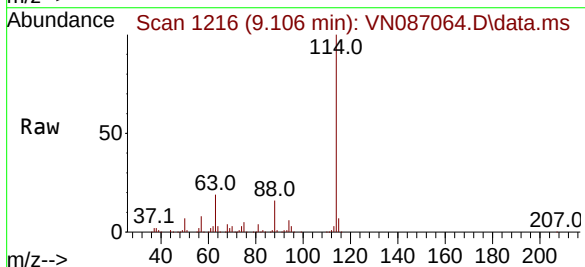
Tgt Ion: 114 Resp: 525578

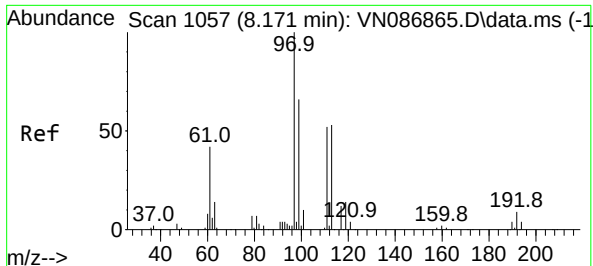
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.5 0.0 30.2

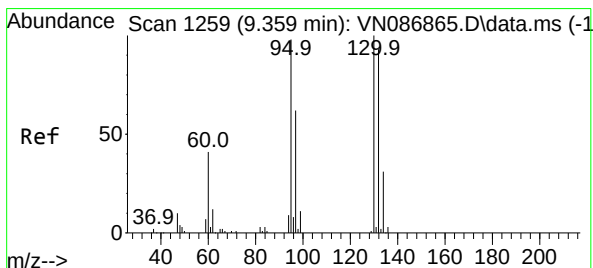
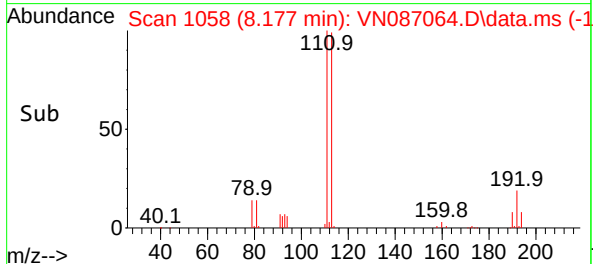
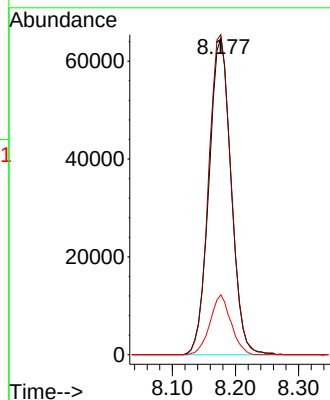
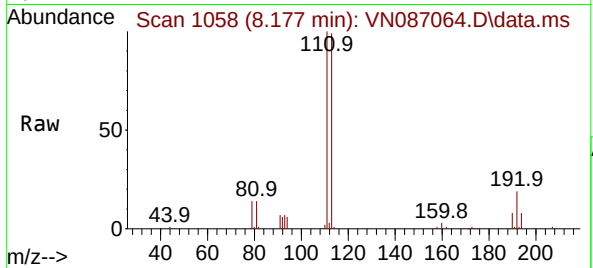




#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

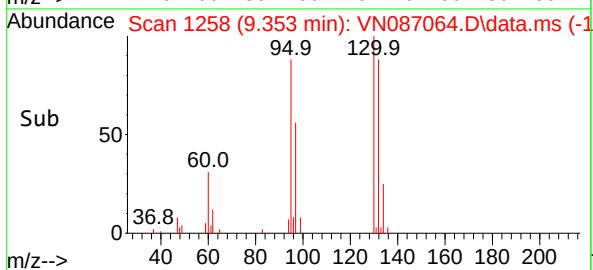
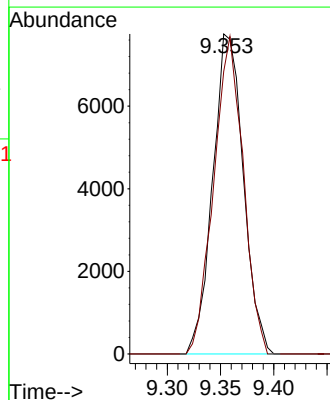
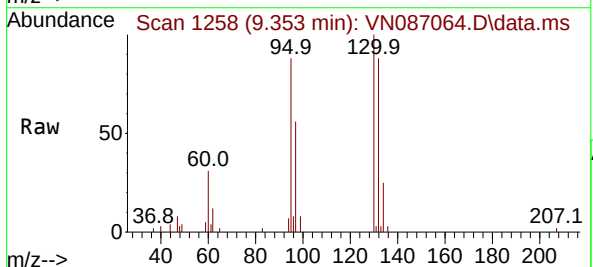
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

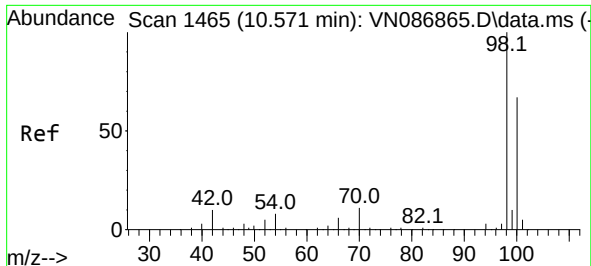
Tgt Ion:113 Resp: 157445
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 17.9 14.2 21.4



#44
Trichloroethene
Concen: 4.294 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion:130 Resp: 15452
Ion Ratio Lower Upper
130 100
95 88.3 0.0 196.2

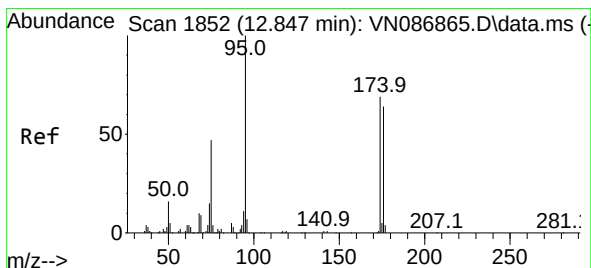
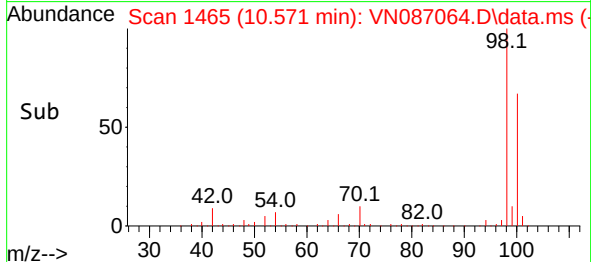
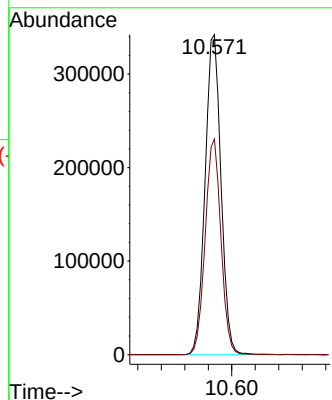
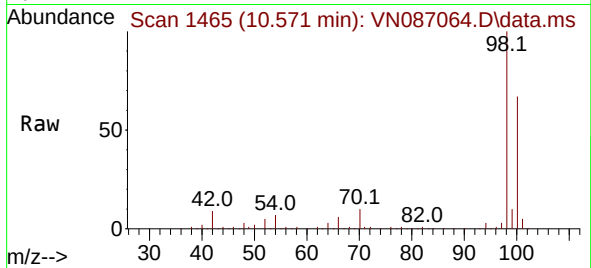




#50
Toluene-d8
Concen: 52.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

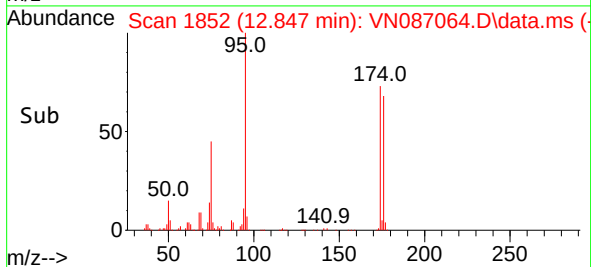
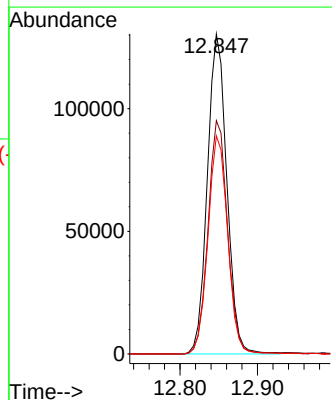
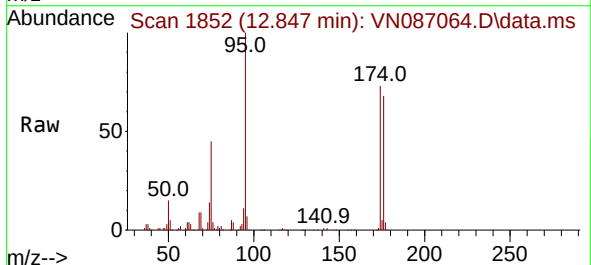
Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

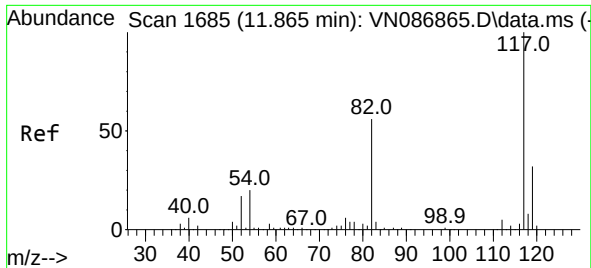
Tgt Ion: 98 Resp: 643870
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion: 95 Resp: 227515
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 68.9 0.0 132.6

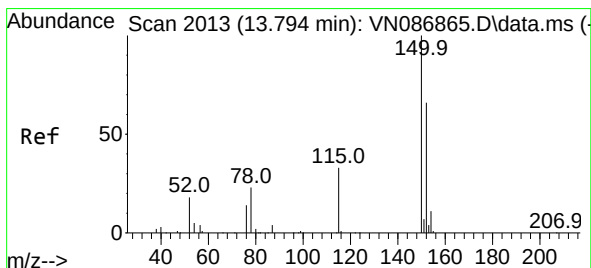
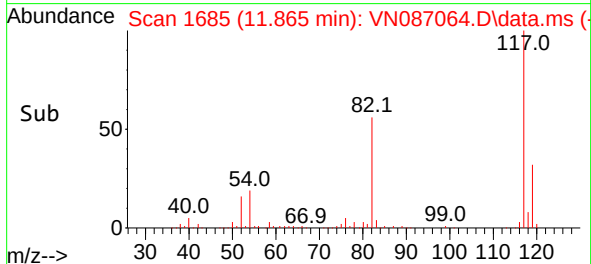
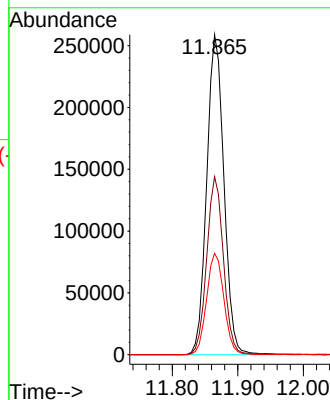
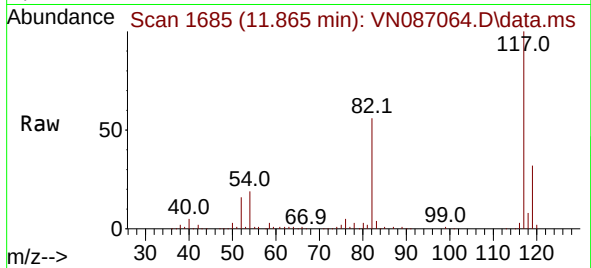




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087064.D
Acq: 17 Jun 2025 16:51

Instrument :
MSVOA_N
ClientSampleId :
TT188S1-20250612

Tgt Ion:117 Resp: 472016
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 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: VN087064.D
Acq: 17 Jun 2025 16:51

Tgt Ion:152 Resp: 222915
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.5
150 157.1 0.0 345.0

