

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086871.D
 Acq On : 06 Jun 2025 17:10
 Operator : JC\MD
 Sample : VN0606WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBL02

Quant Time: Jun 07 02:25:44 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	344048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	529685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	217725	47.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.540%
35) Dibromofluoromethane	8.177	113	177475	48.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	740500	51.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.847	95	254971	47.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.300%

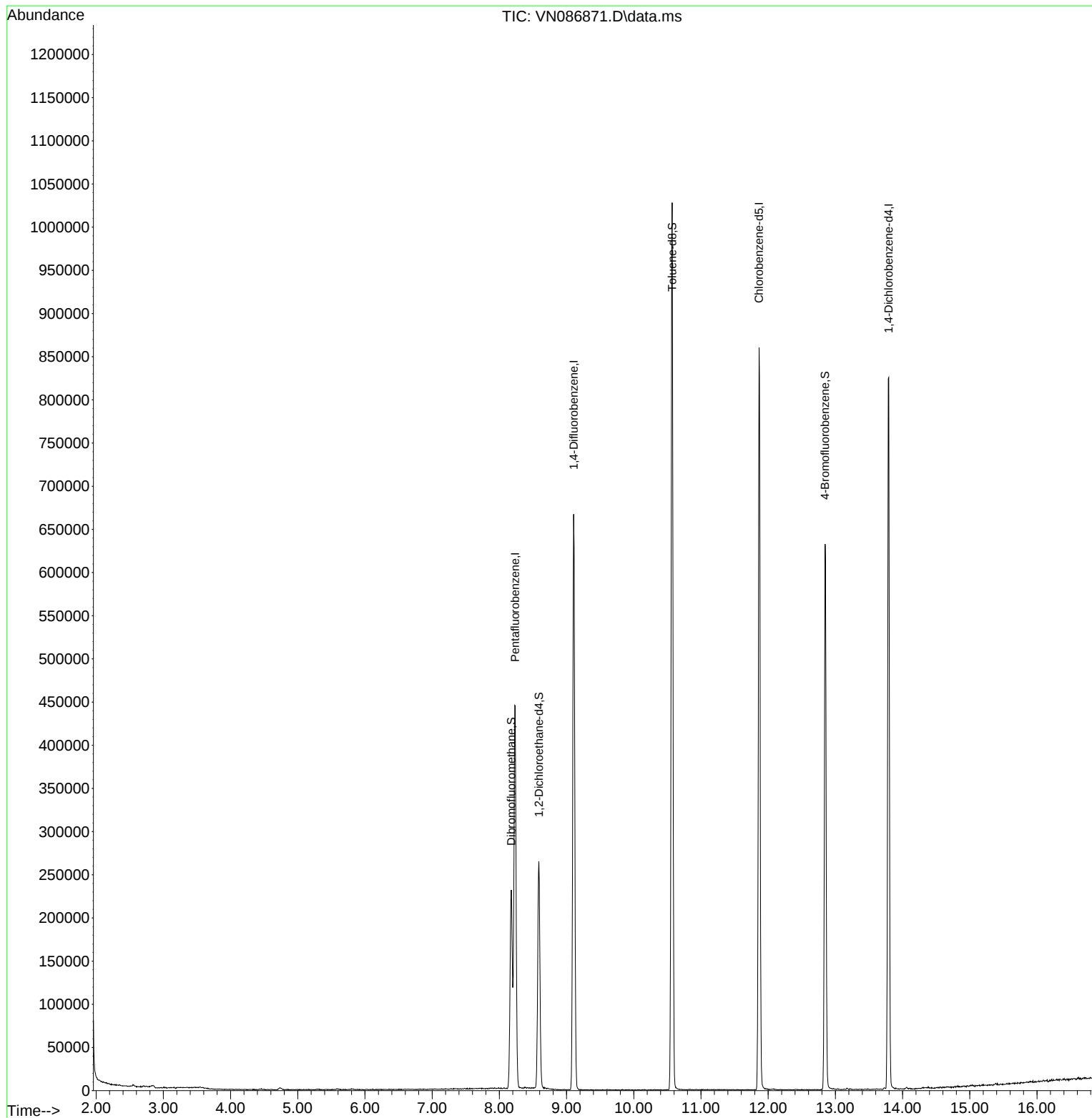
Target Compounds	Qvalue

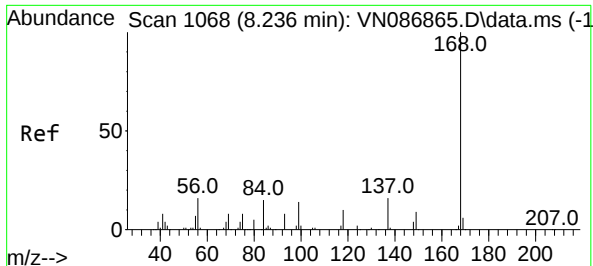
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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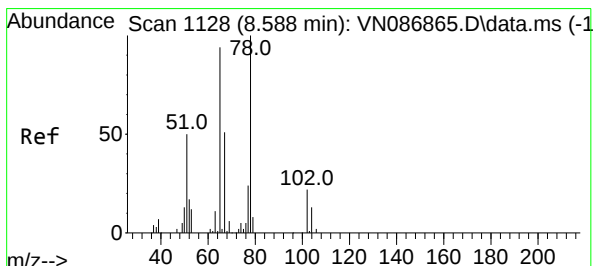
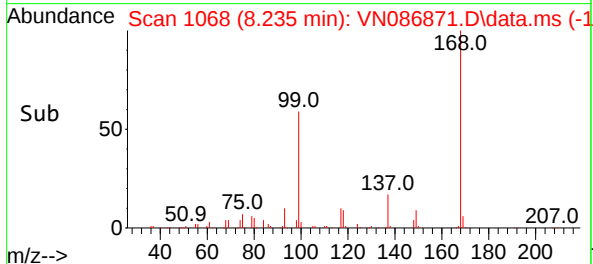
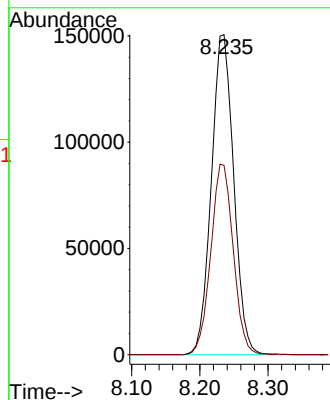
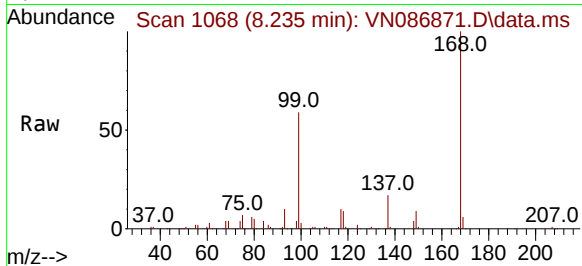




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

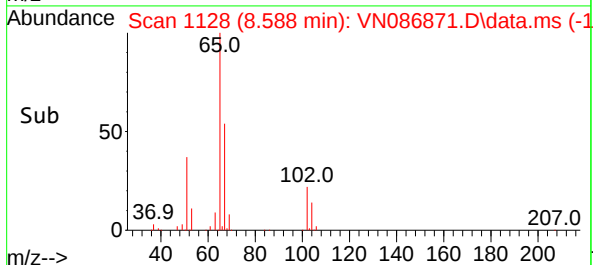
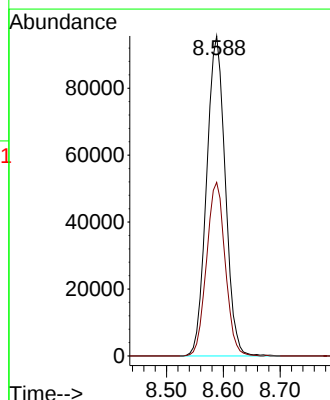
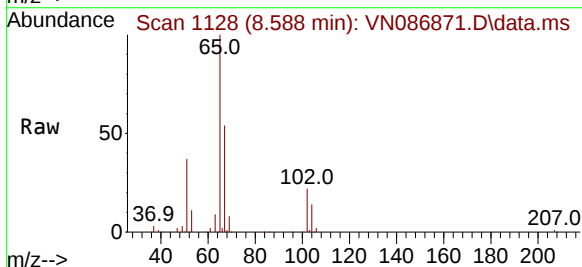
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

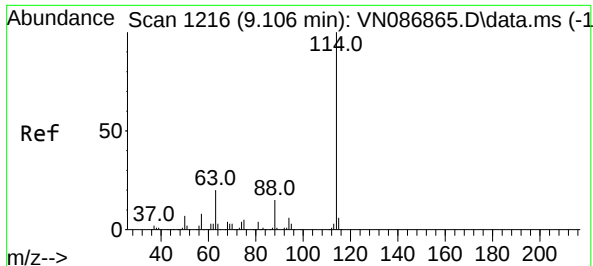
Tgt Ion:168 Resp: 344048
Ion Ratio Lower Upper
168 100
99 59.1 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 47.266 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 65 Resp: 217725
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.6

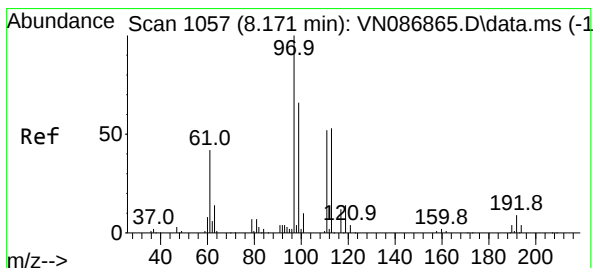
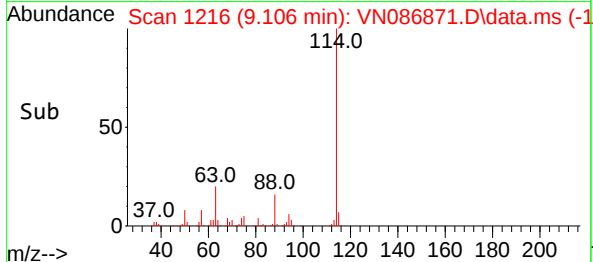
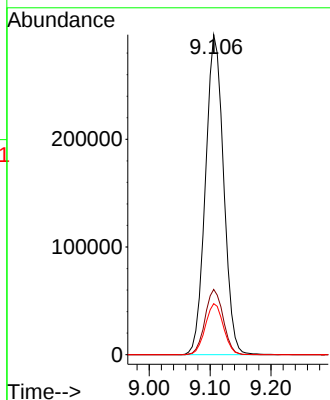
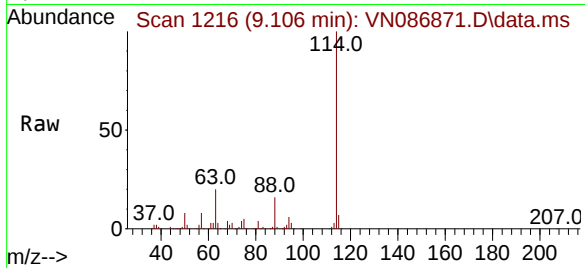




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

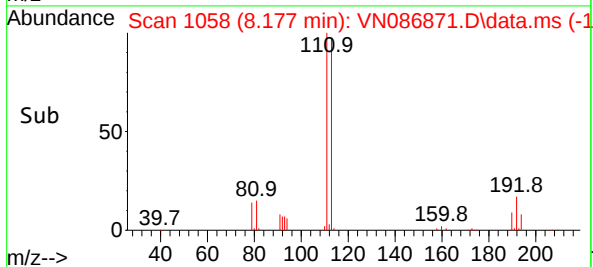
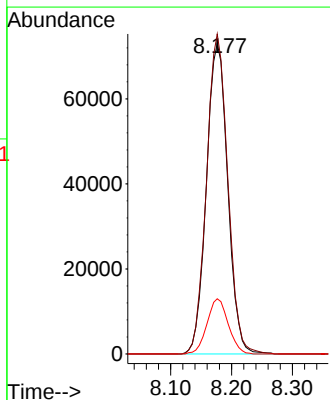
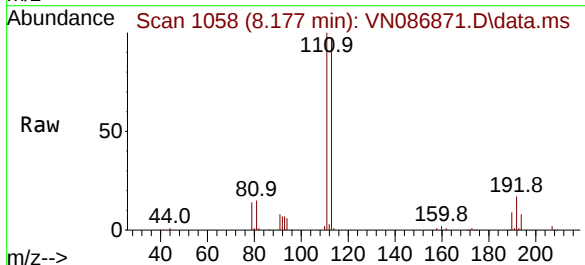
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

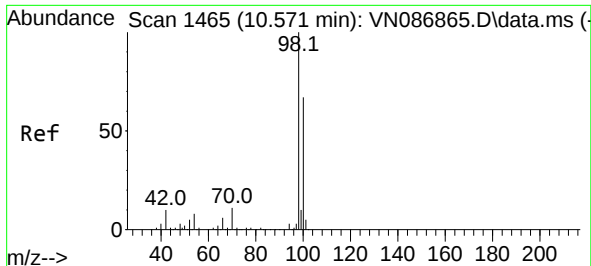
Tgt Ion:114 Resp: 613851
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.786 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion:113 Resp: 177475
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.7 14.2 21.4

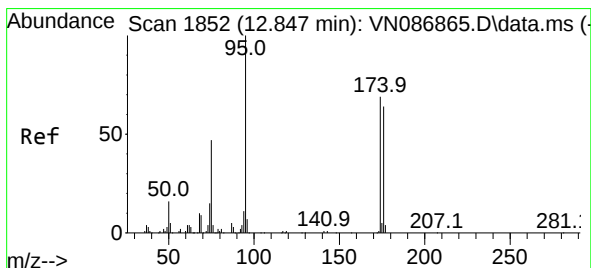
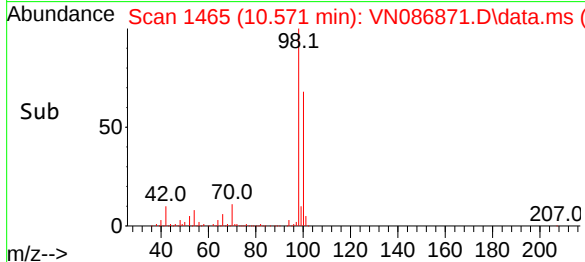
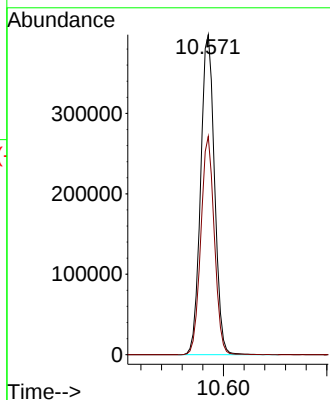
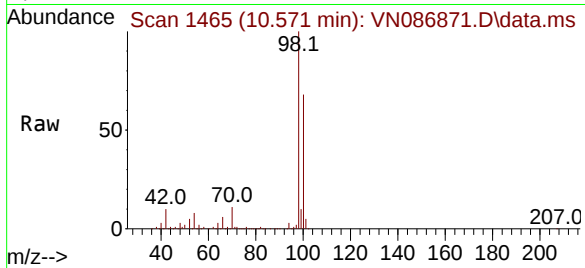




#50
Toluene-d8
Concen: 51.419 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

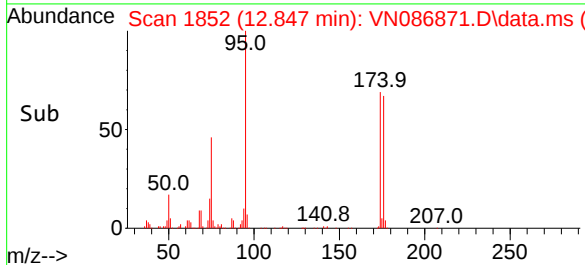
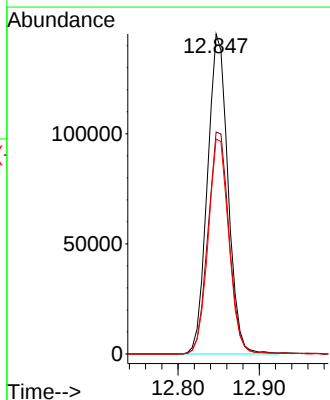
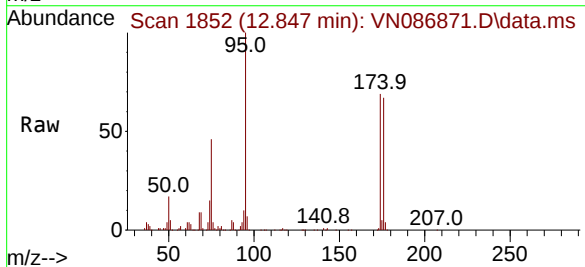
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

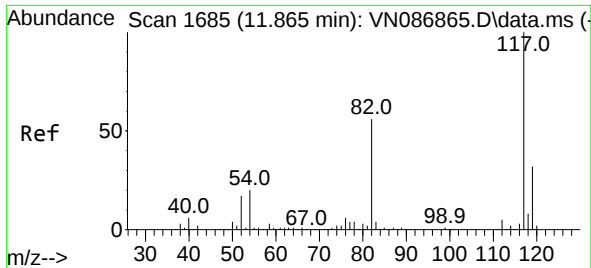
Tgt Ion: 98 Resp: 740500
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion: 95 Resp: 254971
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.8
176 67.9 0.0 132.6

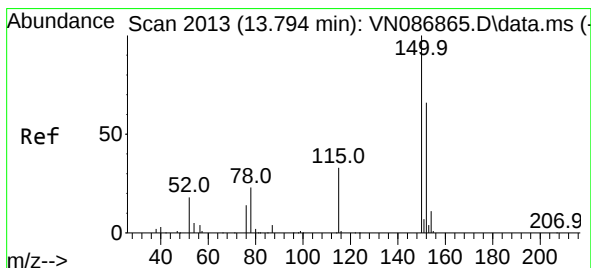
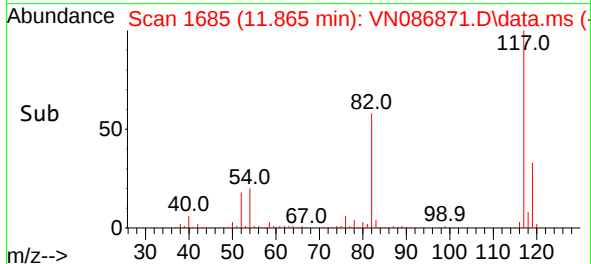
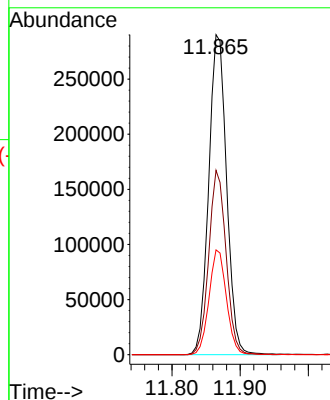
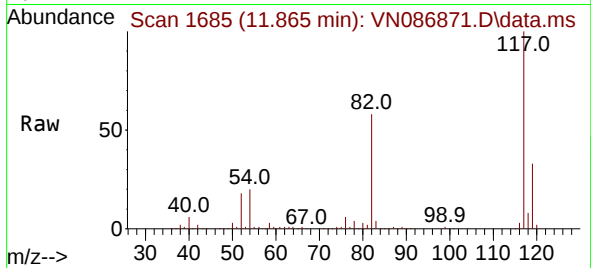




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL02

Tgt Ion:117 Resp: 529685
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086871.D
Acq: 06 Jun 2025 17:10

Tgt Ion:152 Resp: 242229
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 157.7 0.0 345.0

