

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086120.D
 Acq On : 26 Mar 2025 12:37
 Operator : JC\MD
 Sample : VN0326WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 27 01:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131885	58.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.360%
35) Dibromofluoromethane	8.165	113	117058	53.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.565	98	383585	48.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.847	95	121048	42.975	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.940%

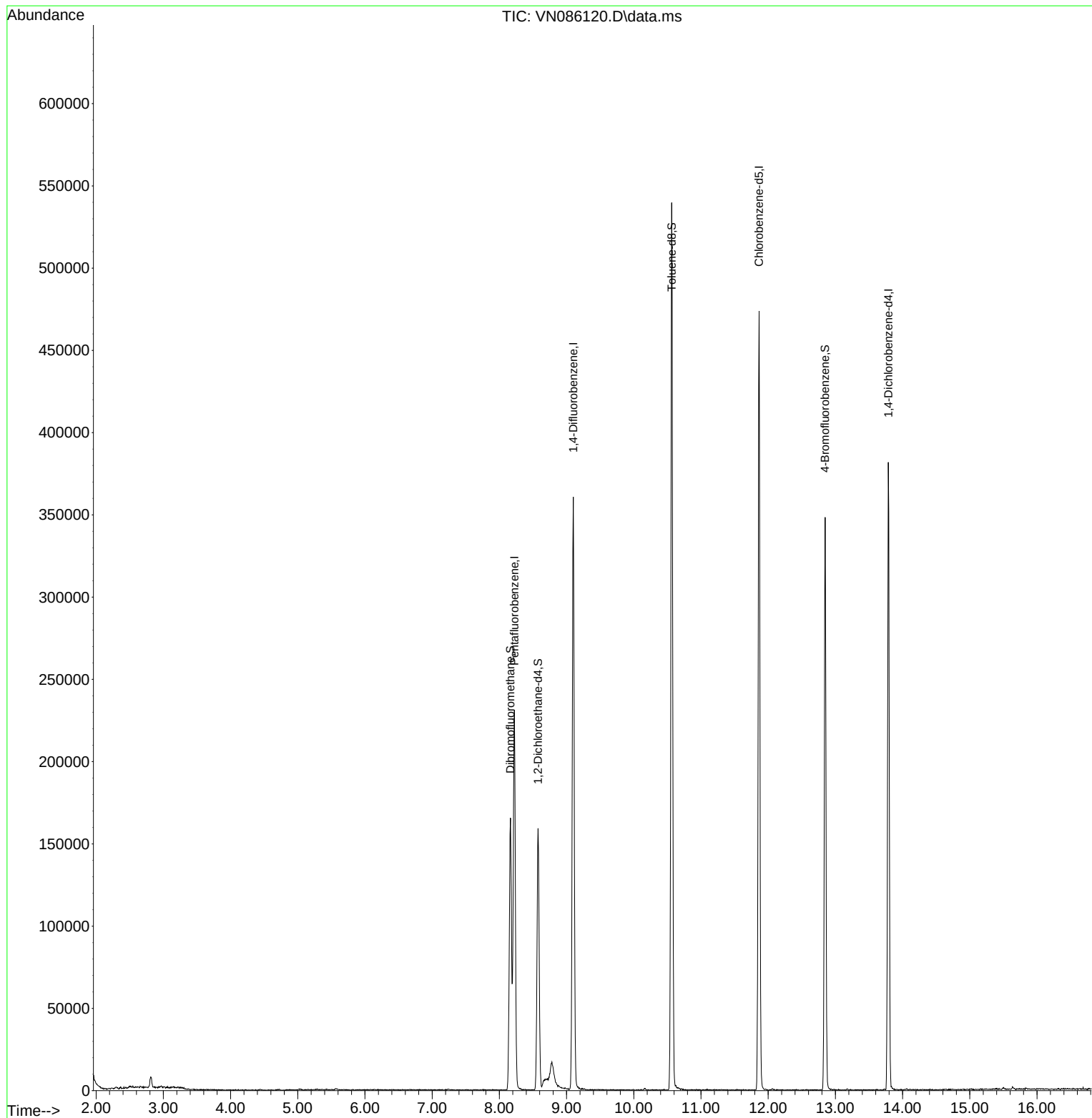
Target Compounds	Qvalue

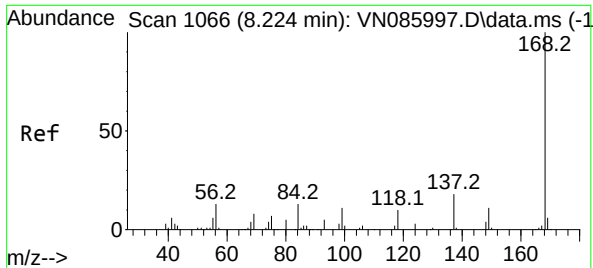
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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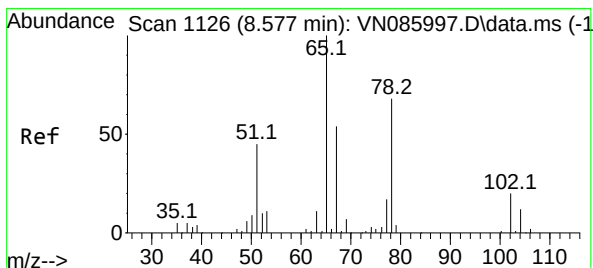
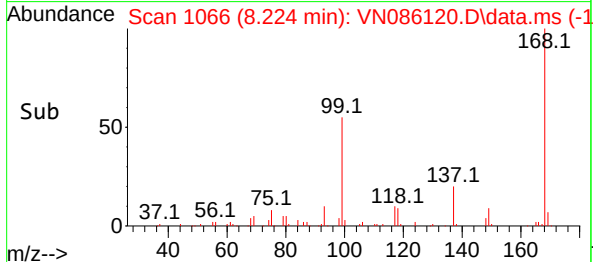
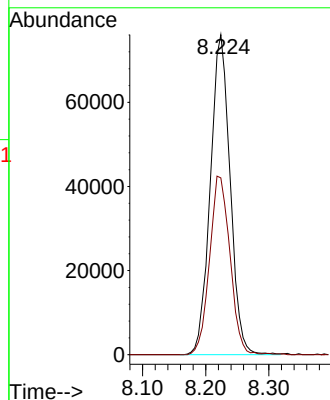
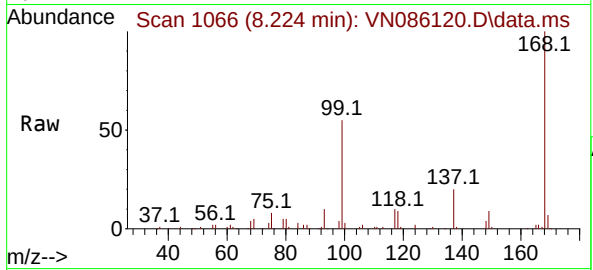




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

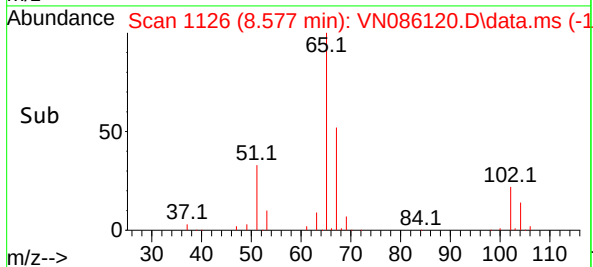
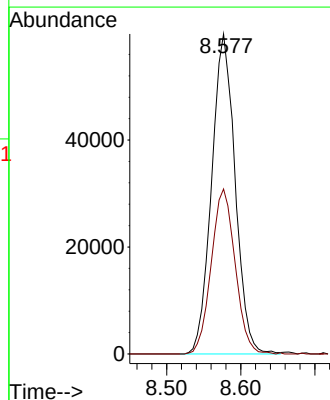
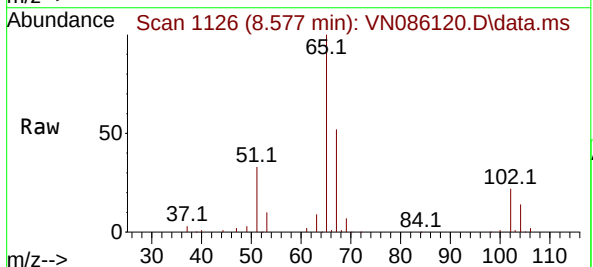
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

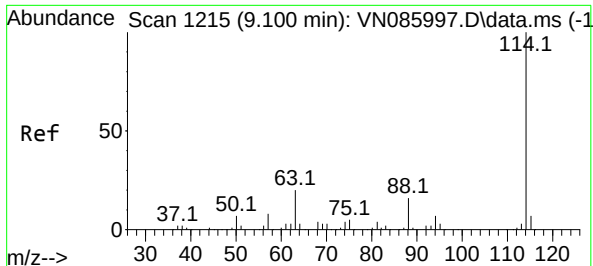
Tgt Ion:168 Resp: 165546
Ion Ratio Lower Upper
168 100
99 55.2 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 58.179 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 65 Resp: 131885
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2

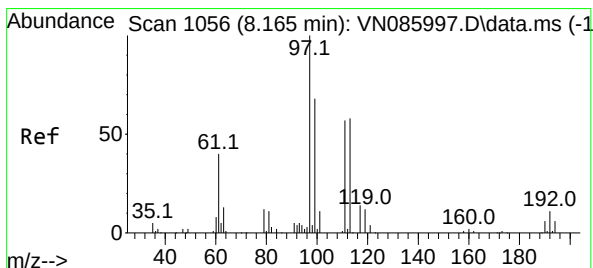
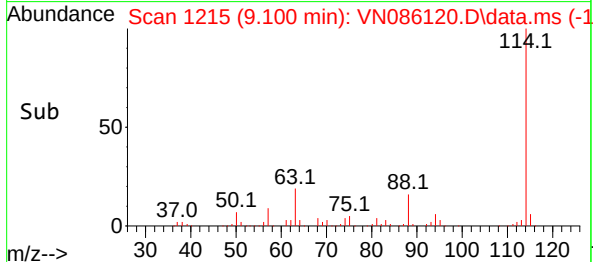
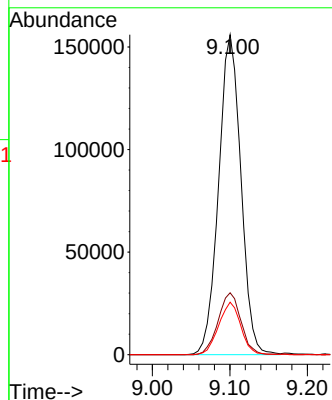
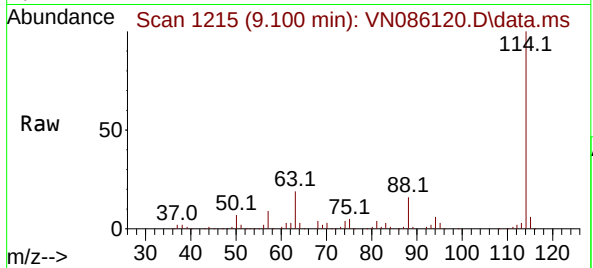




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

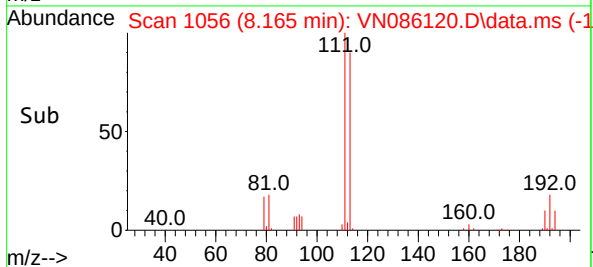
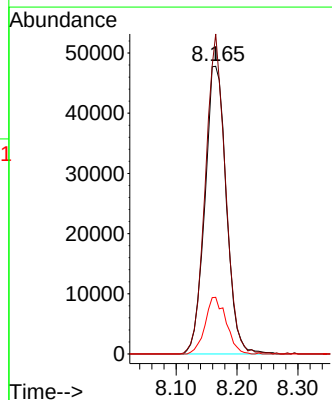
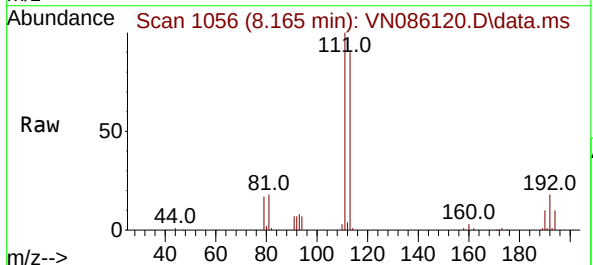
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

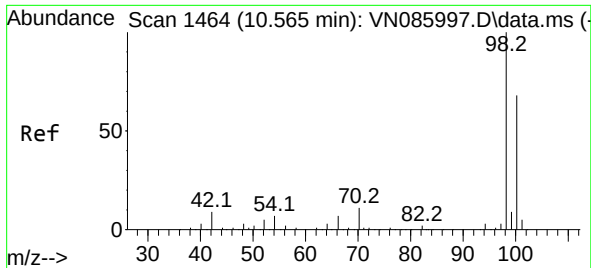
Tgt Ion:114 Resp: 311785
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.790 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:113 Resp: 117058
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 19.3 15.9 23.9

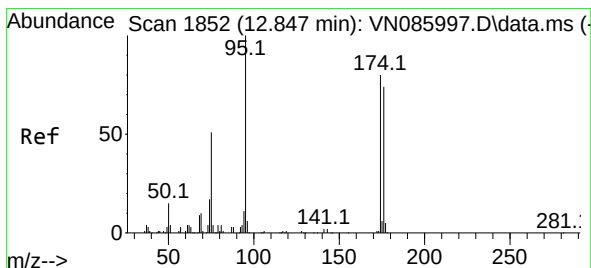
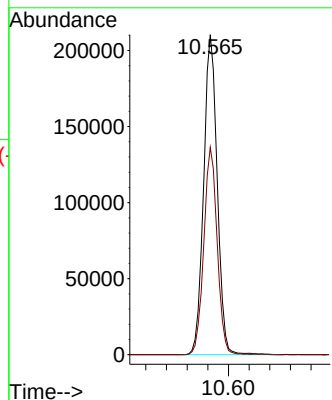
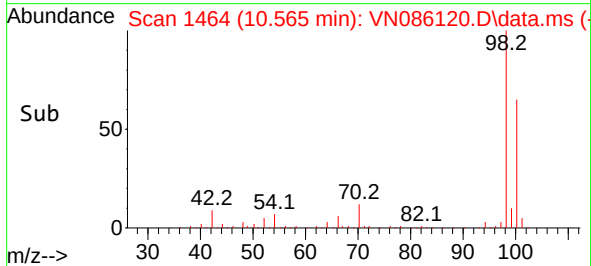
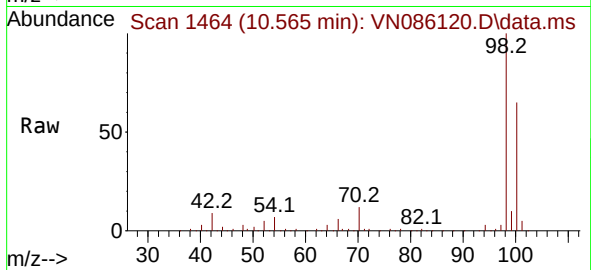




#50
Toluene-d8
Concen: 48.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

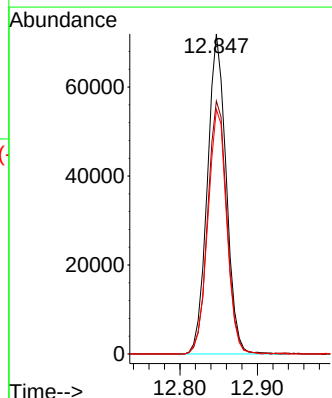
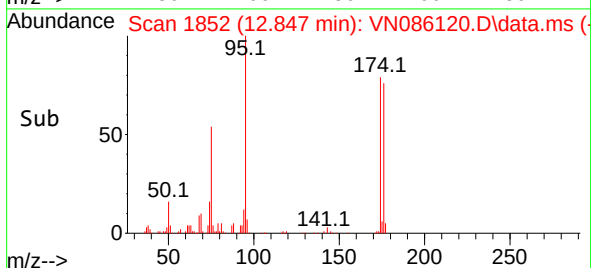
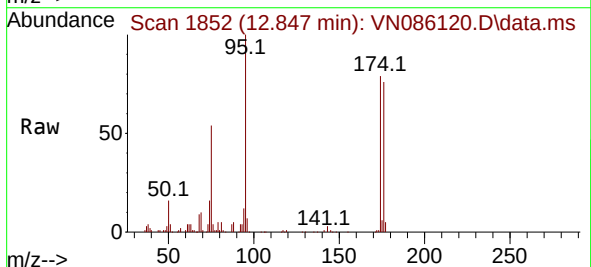
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

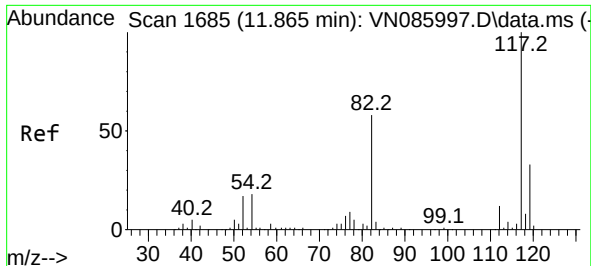
Tgt Ion: 98 Resp: 383585
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 95 Resp: 121048
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 76.6 0.0 152.2

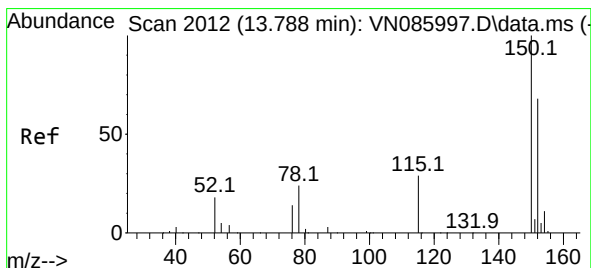
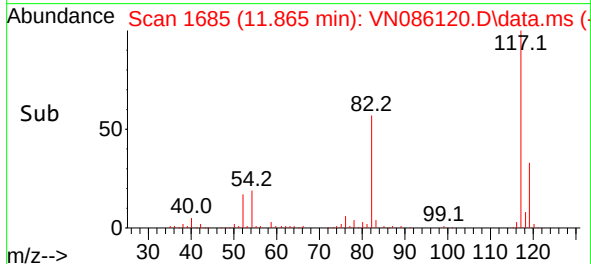
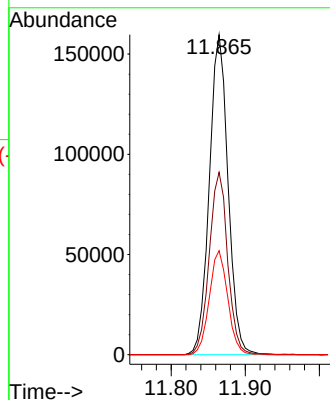
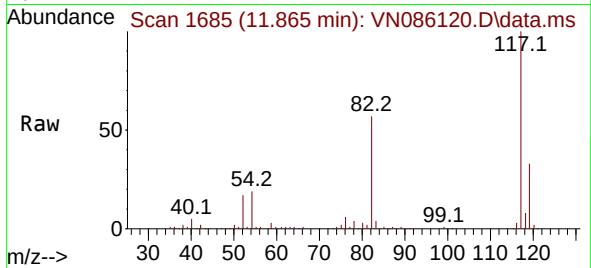




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion:117 Resp: 280557
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:152 Resp: 111001
Ion Ratio Lower Upper
152 100
115 59.1 31.1 93.2
150 154.1 0.0 359.6

