

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086142.D
 Acq On : 28 Mar 2025 11:43
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 28 23:37:31 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	166500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131033	57.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.940%
35) Dibromofluoromethane	8.165	113	115817	53.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.920%
50) Toluene-d8	10.565	98	373518	47.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.847	95	116277	41.852	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.700%

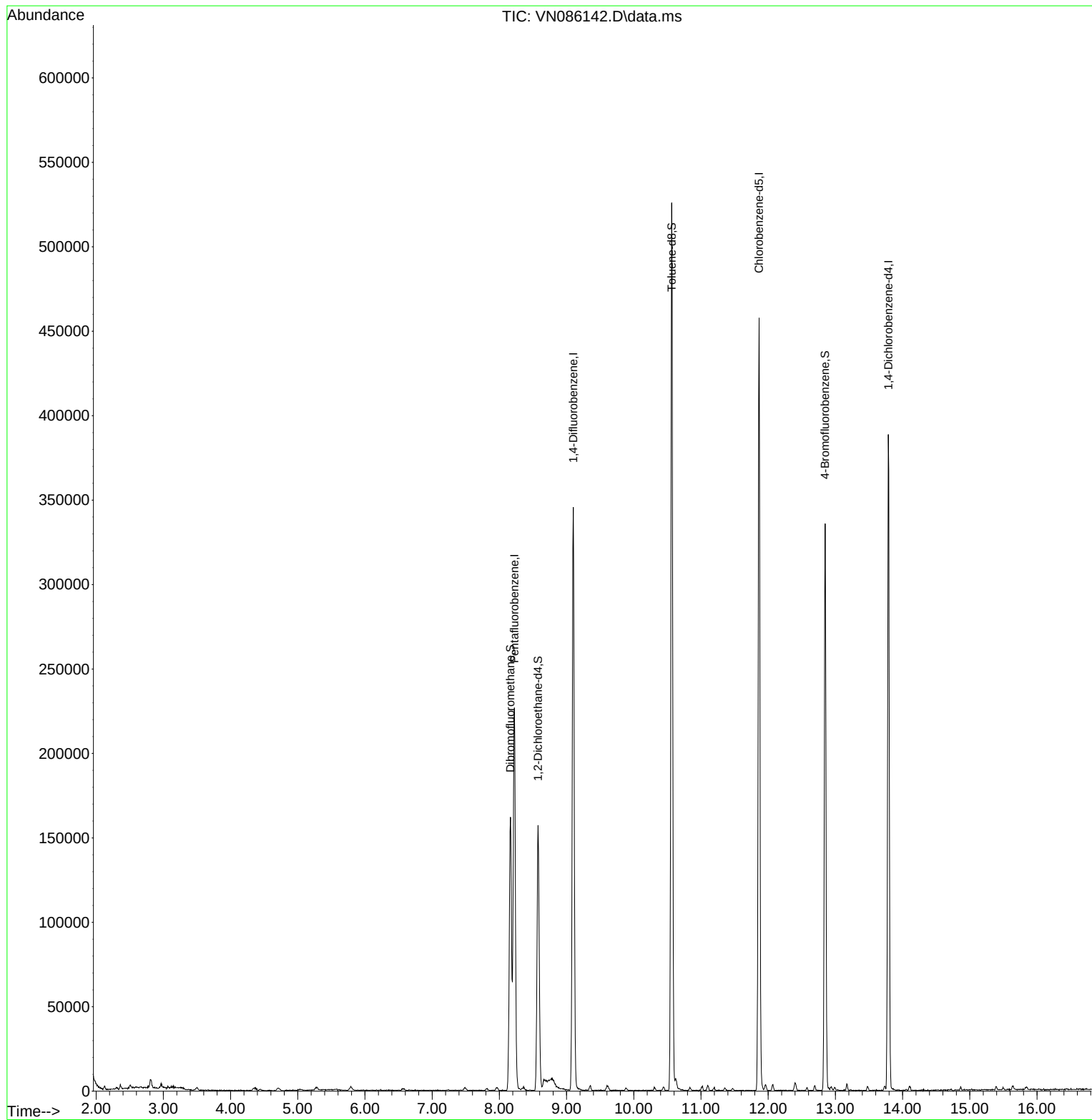
Target Compounds	Qvalue

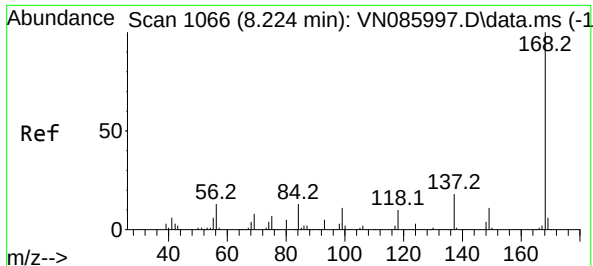
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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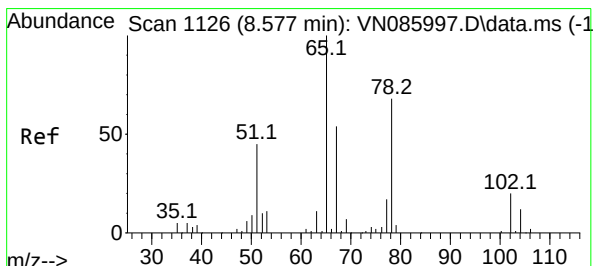
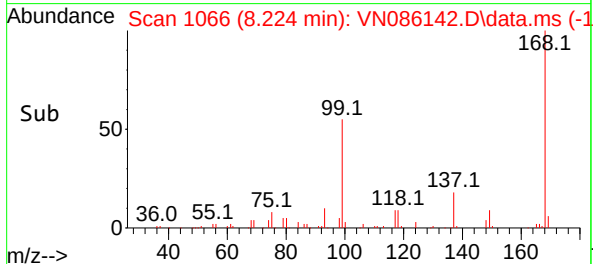
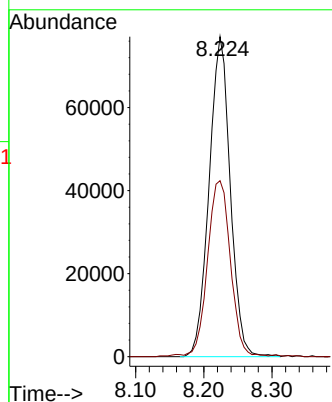
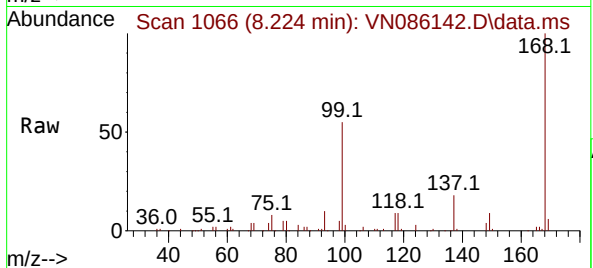




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

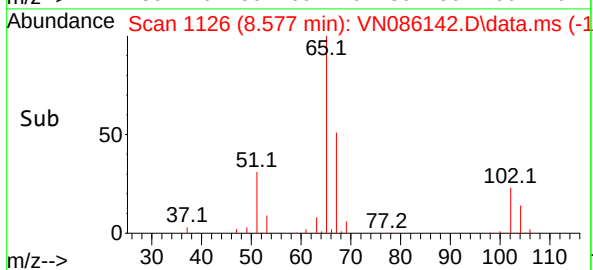
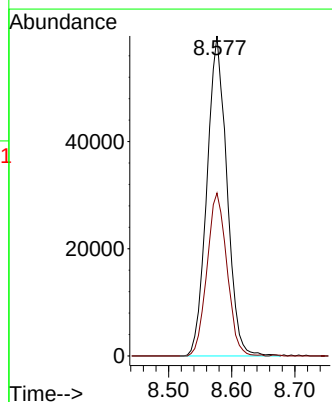
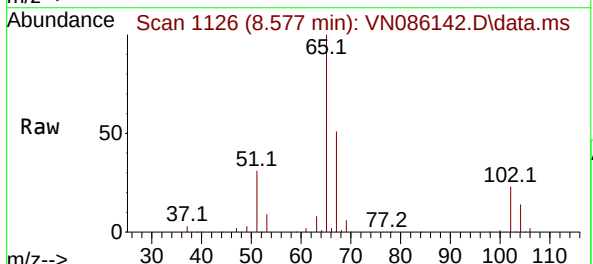
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

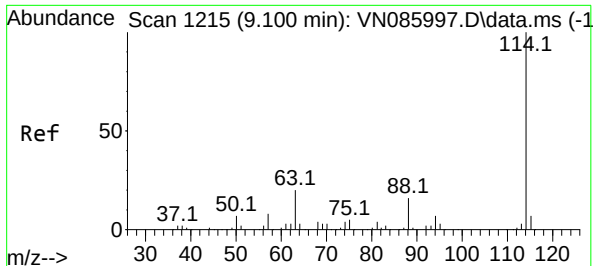
Tgt Ion:168 Resp: 166500
Ion Ratio Lower Upper
168 100
99 54.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.472 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 65 Resp: 131033
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

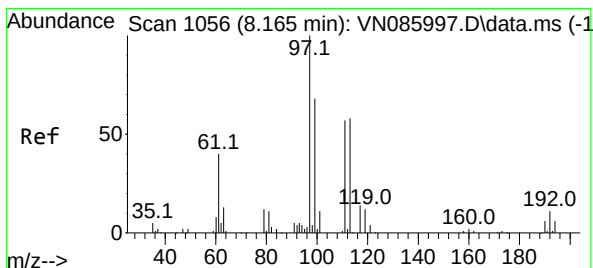
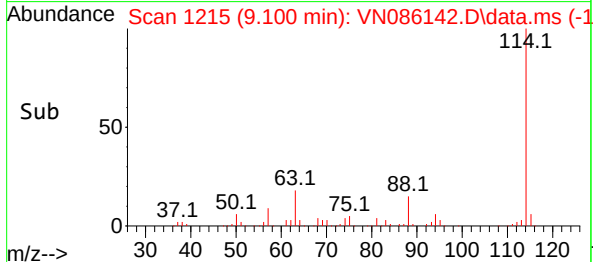
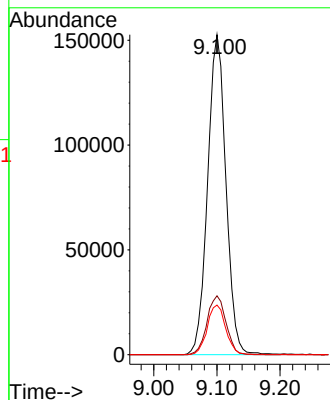
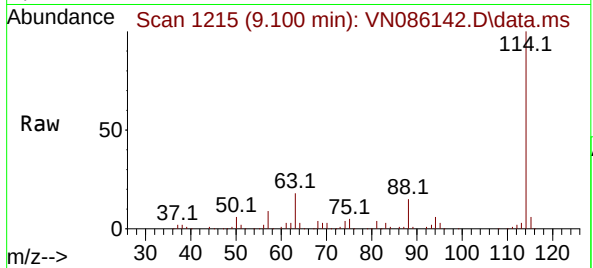




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

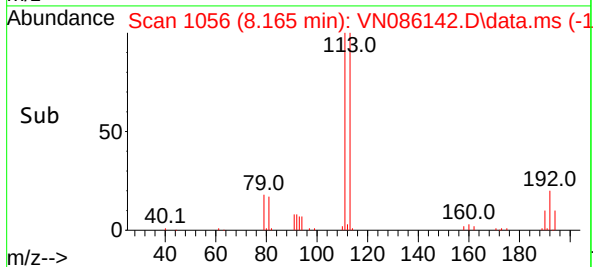
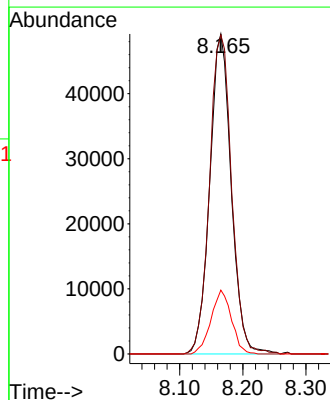
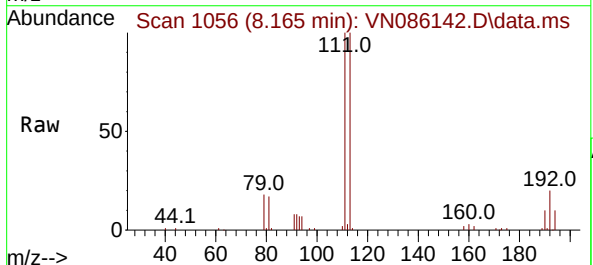
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

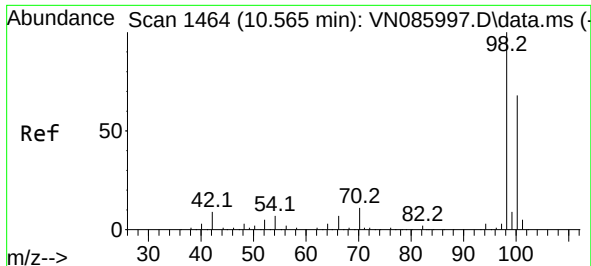
Tgt Ion:114 Resp: 307532
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:113 Resp: 115817
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.1 15.9 23.9

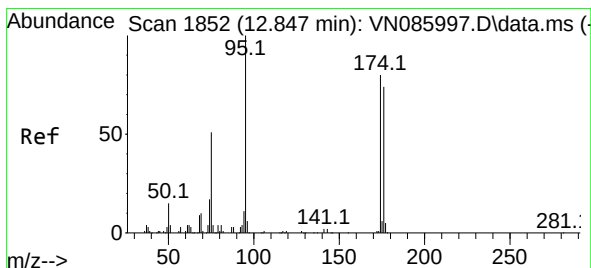
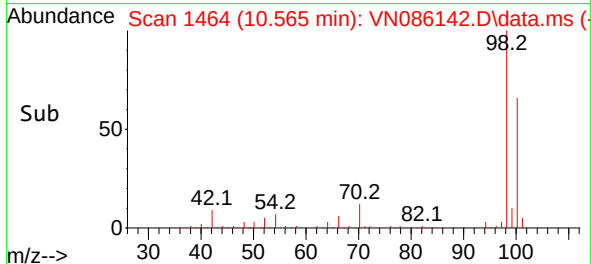
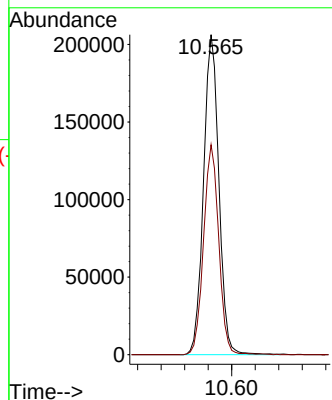
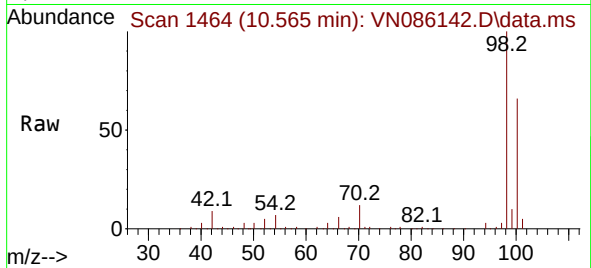




#50
Toluene-d8
Concen: 47.946 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

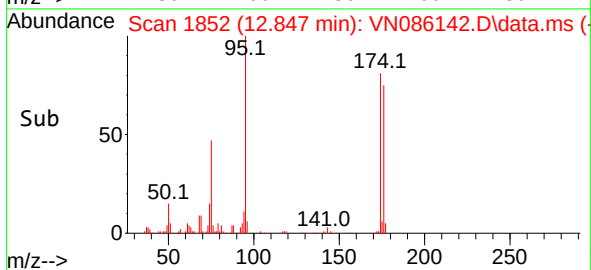
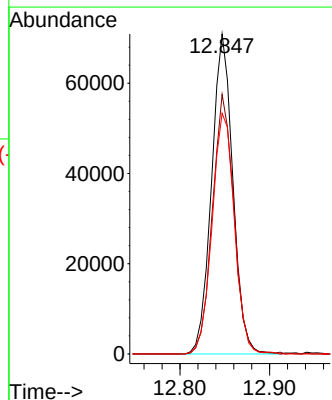
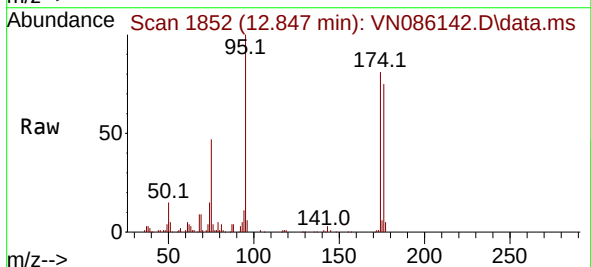
Instrument :
MSVOA_N
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VN0328WBL01

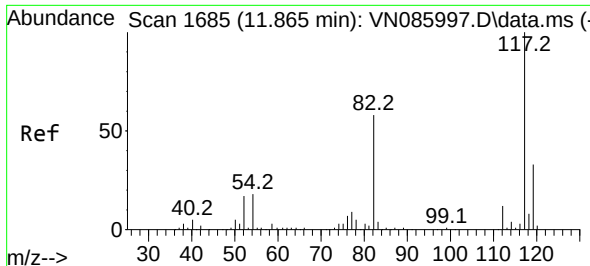
Tgt Ion: 98 Resp: 373518
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.852 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 95 Resp: 116277
Ion Ratio Lower Upper
95 100
174 82.7 0.0 156.8
176 79.1 0.0 152.2

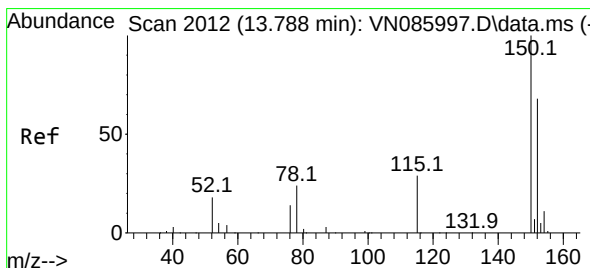
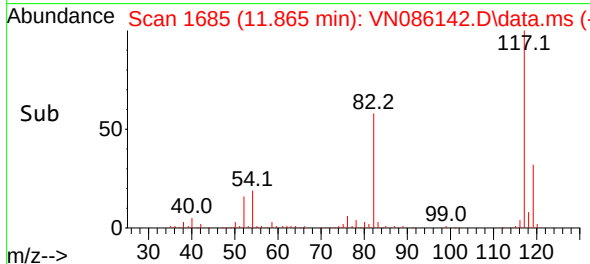
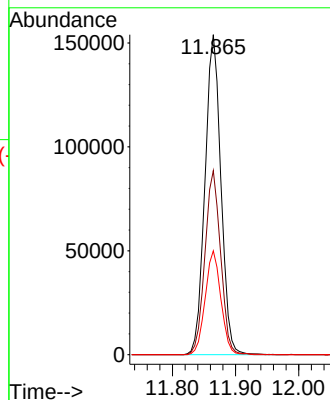
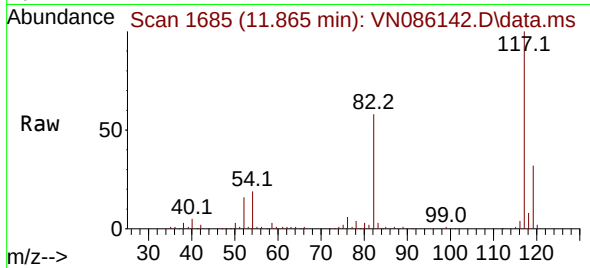




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

Tgt Ion:117 Resp: 270205
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.4 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: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:152 Resp: 111030
Ion Ratio Lower Upper
152 100
115 60.2 31.1 93.2
150 159.2 0.0 359.6

