

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086085.D
 Acq On : 24 Mar 2025 20:26
 Operator : JC\MD
 Sample : Q1622-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Field-Blank

Quant Time: Mar 25 01:32:02 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	262167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	483807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184906	51.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.020%
35) Dibromofluoromethane	8.165	113	163860	48.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	10.565	98	562711	45.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.847	95	187763	42.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.920%

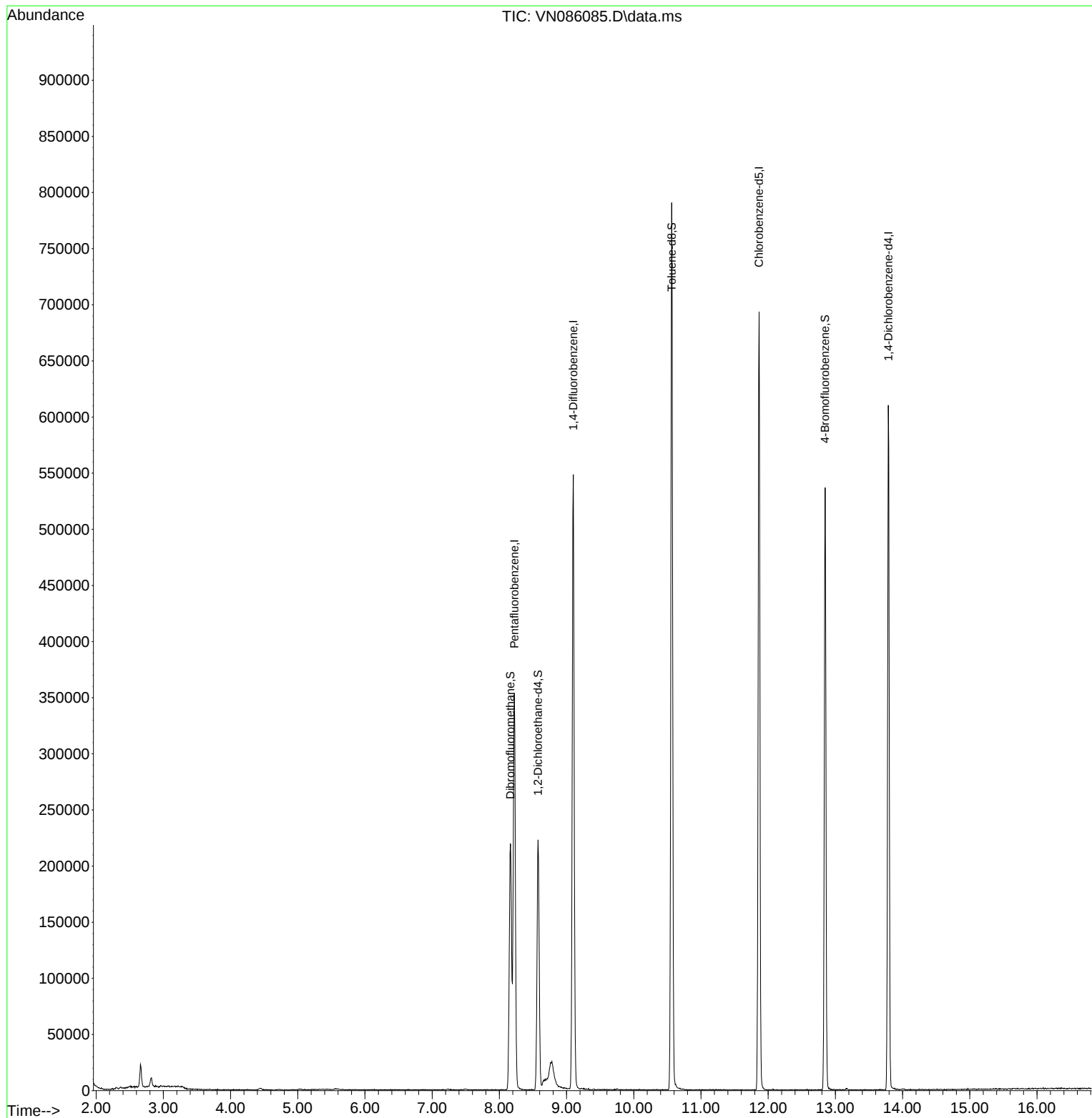
Target Compounds	Qvalue

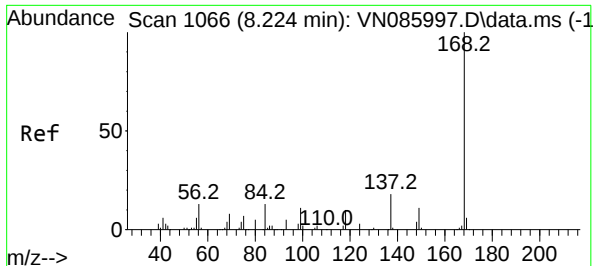
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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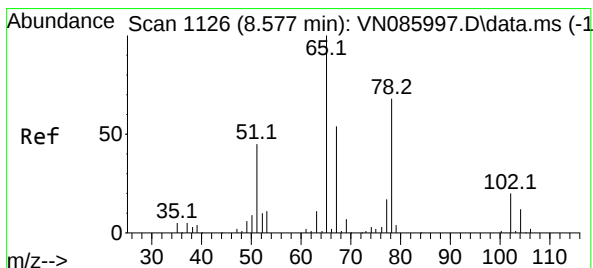
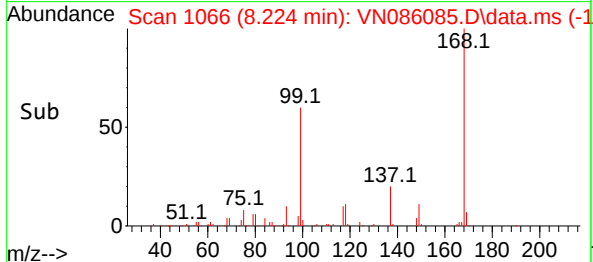
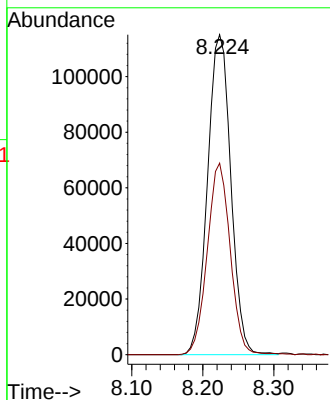
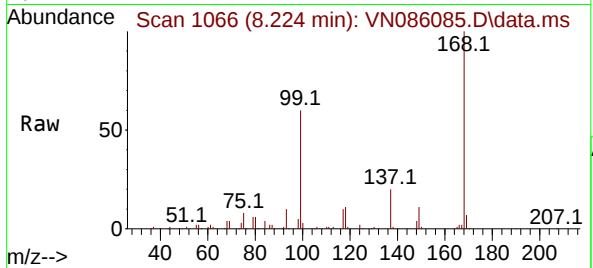




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086085.D
Acq: 24 Mar 2025 20:26

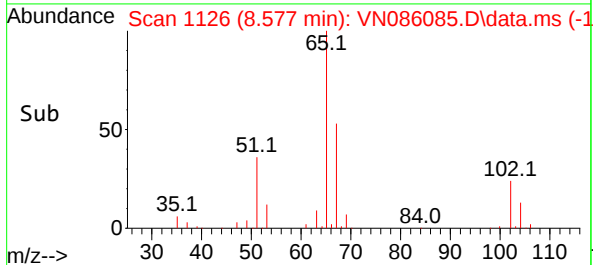
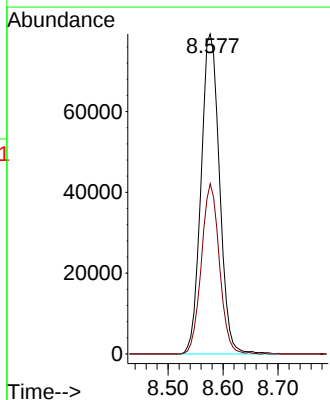
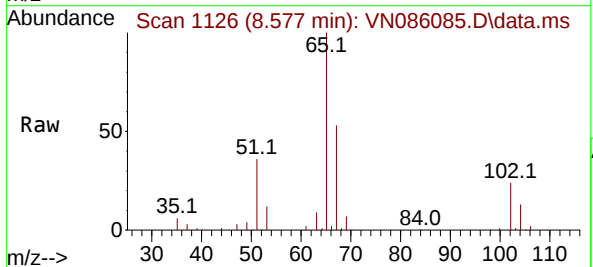
Instrument :
MSVOA_N
ClientSampleId :
Field-Blank

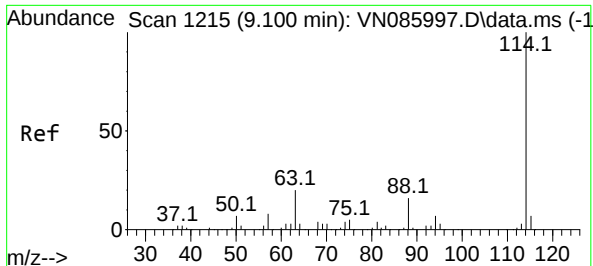
Tgt Ion:168 Resp: 262167
Ion Ratio Lower Upper
168 100
99 59.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 51.506 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086085.D
Acq: 24 Mar 2025 20:26

Tgt Ion: 65 Resp: 184906
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2

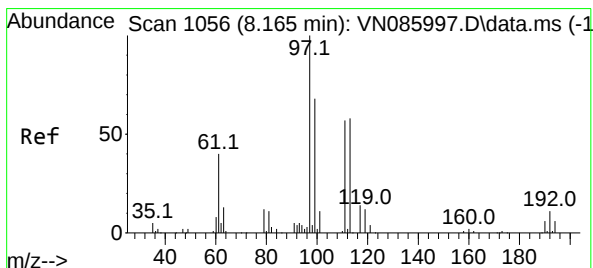
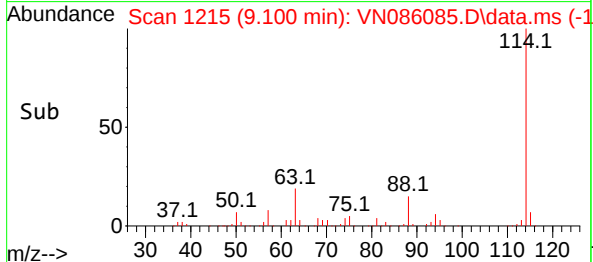
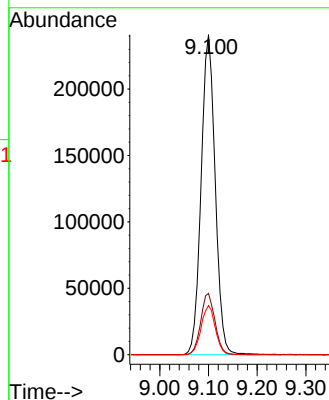
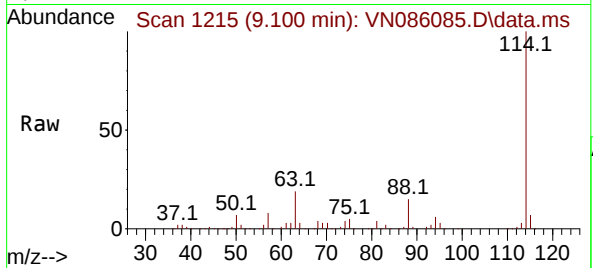




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086085.D
Acq: 24 Mar 2025 20:26

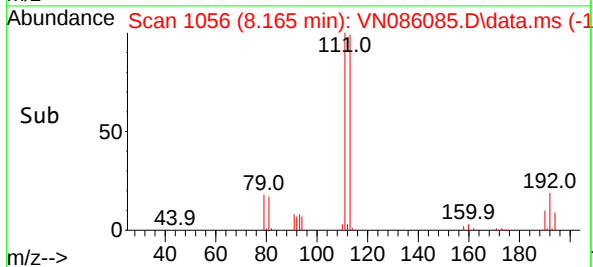
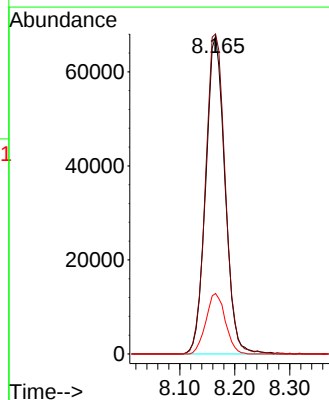
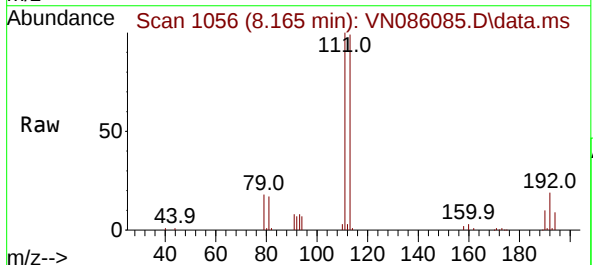
Instrument :
MSVOA_N
ClientSampleId :
Field-Blank

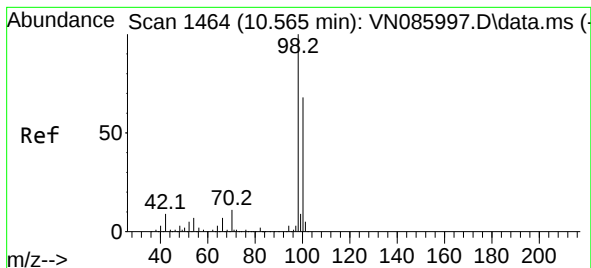
Tgt Ion:114 Resp: 483807
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086085.D
Acq: 24 Mar 2025 20:26

Tgt Ion:113 Resp: 163860
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 45.914 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086085.D

Acq: 24 Mar 2025 20:26

Instrument :

MSVOA_N

ClientSampleId :

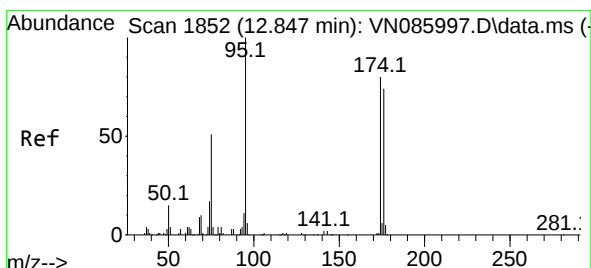
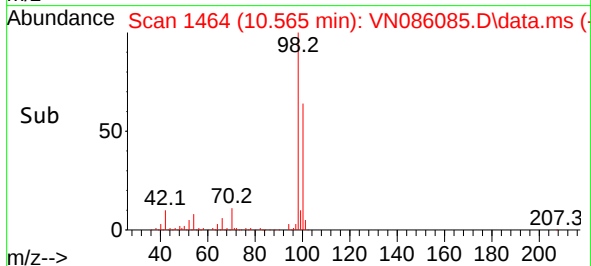
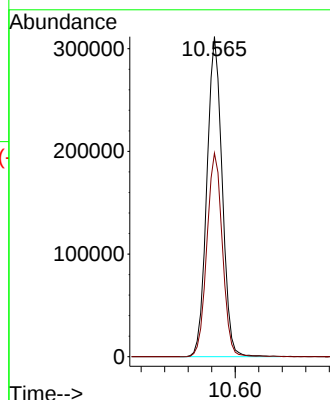
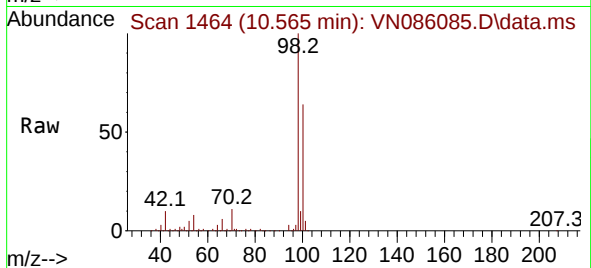
Field-Blank

Tgt Ion: 98 Resp: 562711

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.958 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086085.D

Acq: 24 Mar 2025 20:26

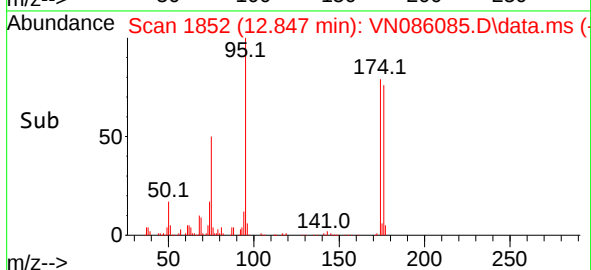
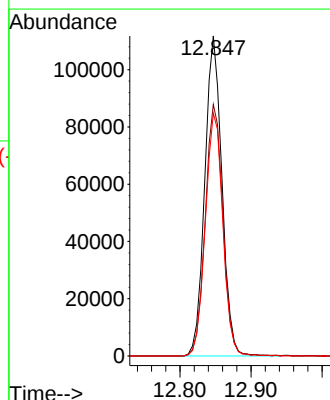
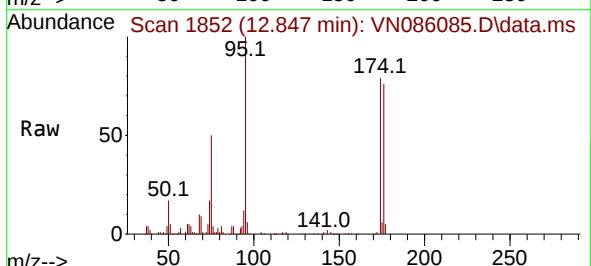
Tgt Ion: 95 Resp: 187763

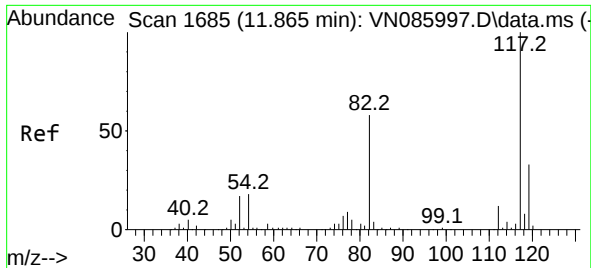
Ion Ratio Lower Upper

95 100

174 81.0 0.0 156.8

176 77.3 0.0 152.2

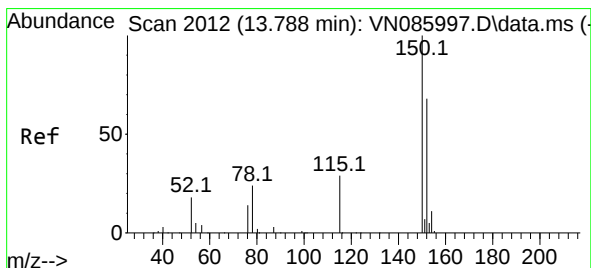
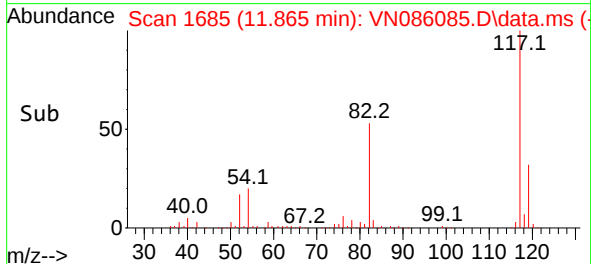
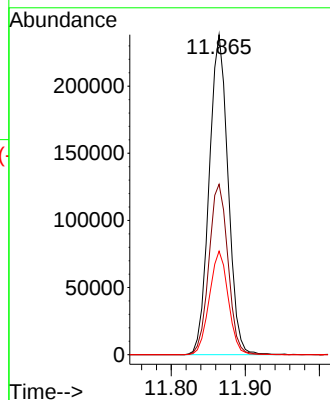
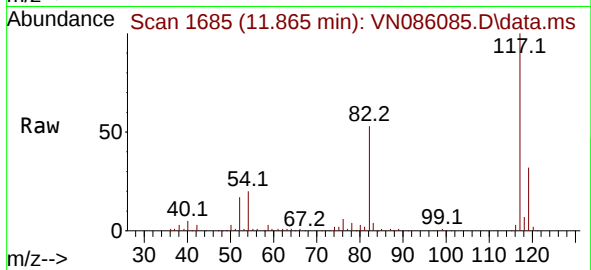




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086085.D
Acq: 24 Mar 2025 20:26

Instrument :
MSVOA_N
ClientSampleId :
Field-Blank

Tgt Ion:117 Resp: 422031
Ion Ratio Lower Upper
117 100
82 53.3 46.7 70.1
119 32.3 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: VN086085.D
Acq: 24 Mar 2025 20:26

Tgt Ion:152 Resp: 173343
Ion Ratio Lower Upper
152 100
115 59.5 31.1 93.2
150 158.7 0.0 359.6

