

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086141.D
 Acq On : 28 Mar 2025 11:19
 Operator : JC\MD
 Sample : VN0328MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBL01

Quant Time: Mar 28 23:37:17 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	144809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114352	57.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.340%
35) Dibromofluoromethane	8.165	113	102112	54.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.340%
50) Toluene-d8	10.565	98	324586	47.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.847	95	95447	39.121	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	78.240%

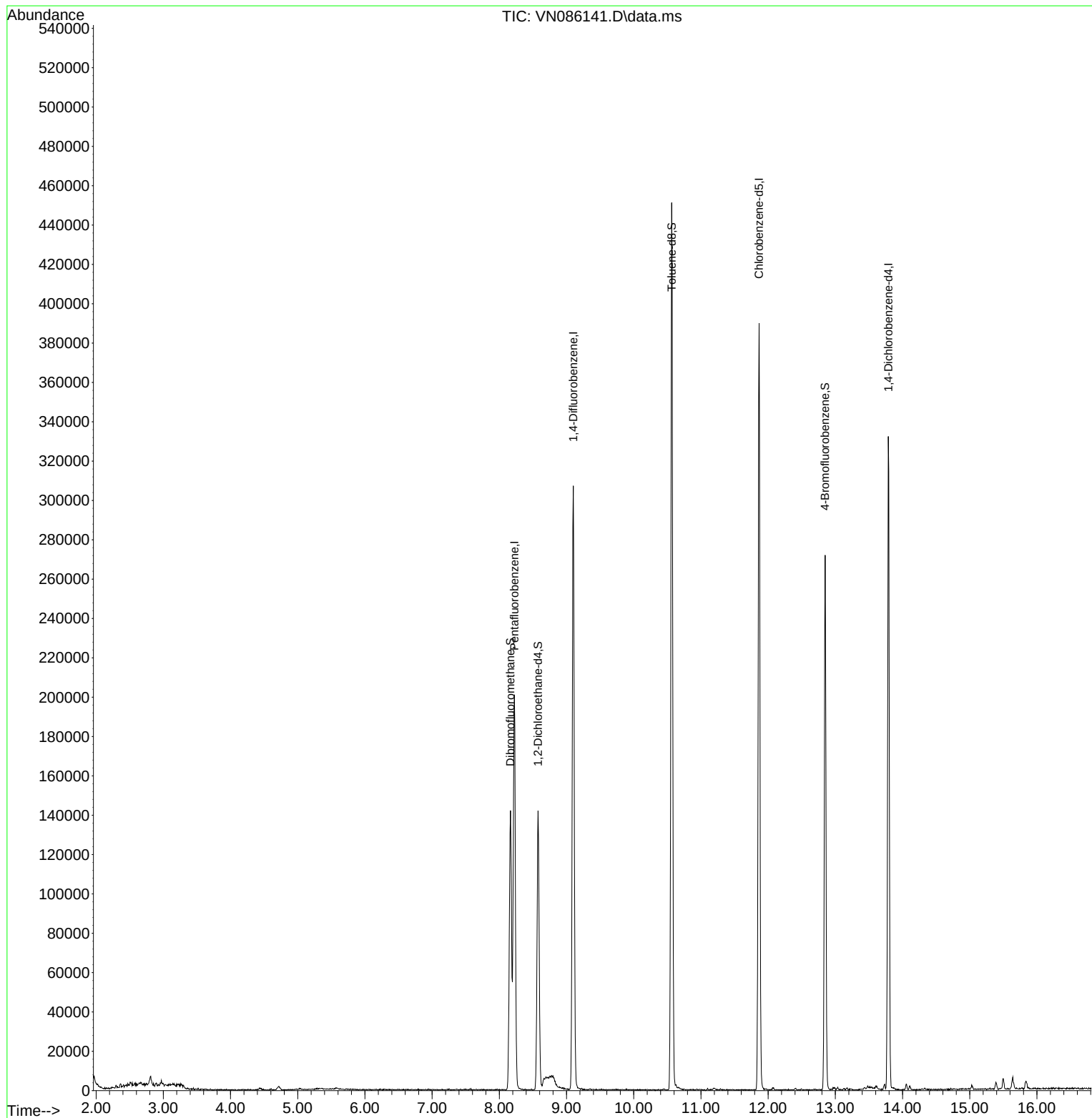
Target Compounds	Qvalue

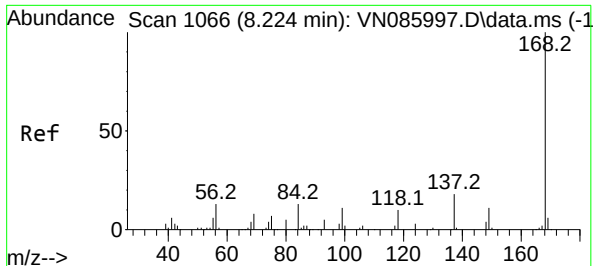
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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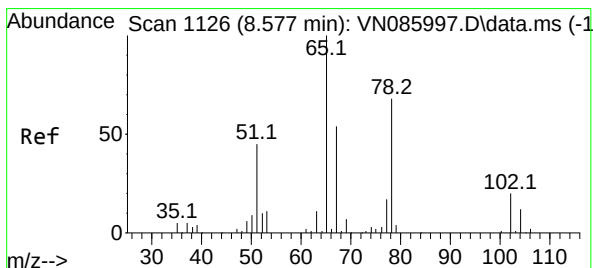
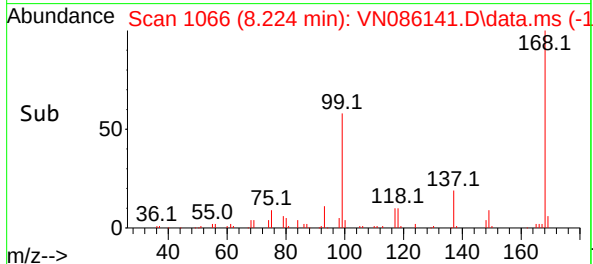
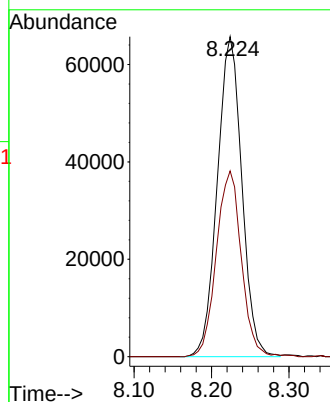
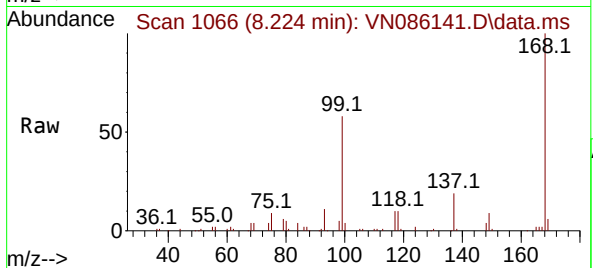




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086141.D
Acq: 28 Mar 2025 11:19

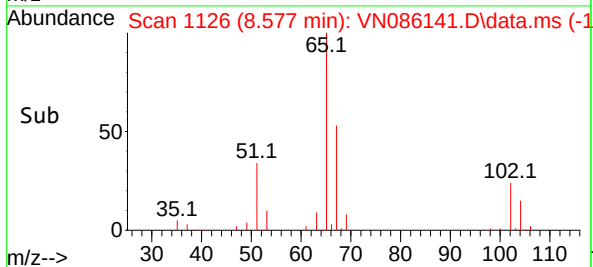
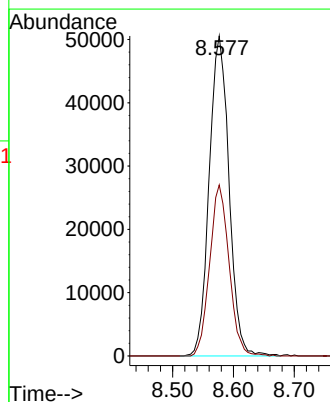
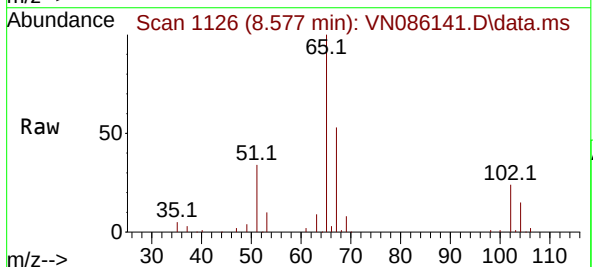
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

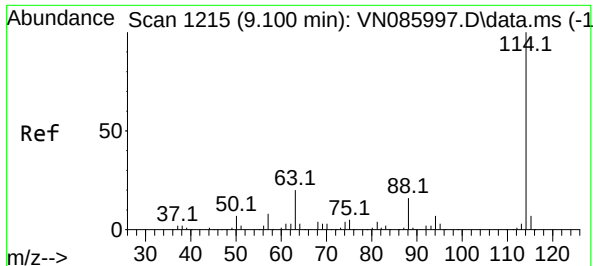
Tgt Ion:168 Resp: 144809
Ion Ratio Lower Upper
168 100
99 58.0 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.668 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086141.D
Acq: 28 Mar 2025 11:19

Tgt Ion: 65 Resp: 114352
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2

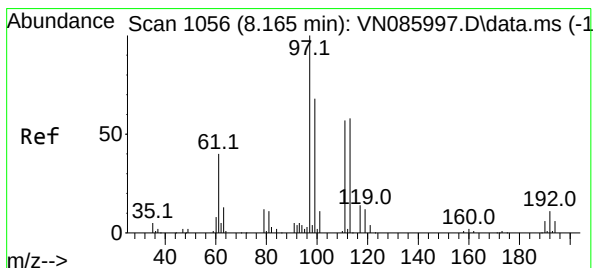
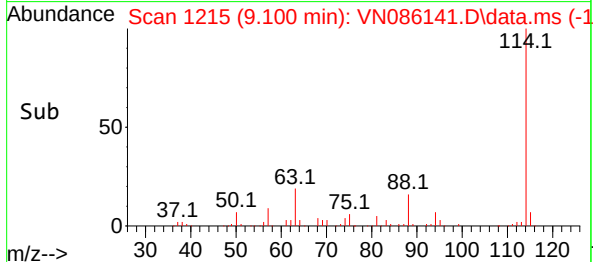
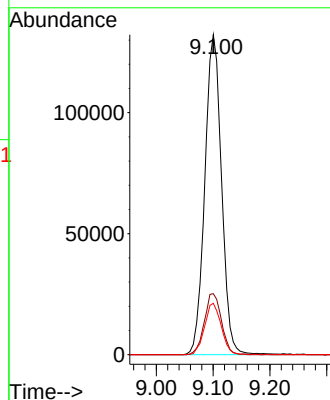
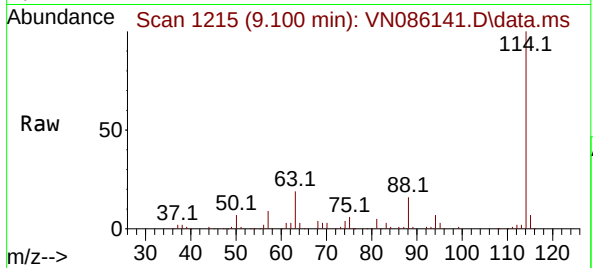




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086141.D
Acq: 28 Mar 2025 11:19

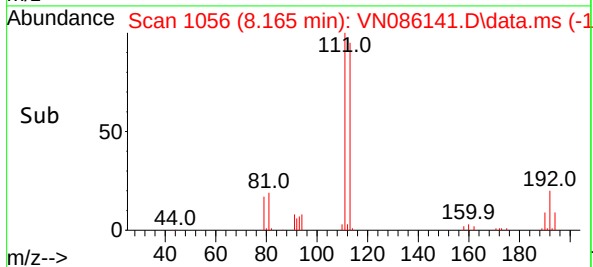
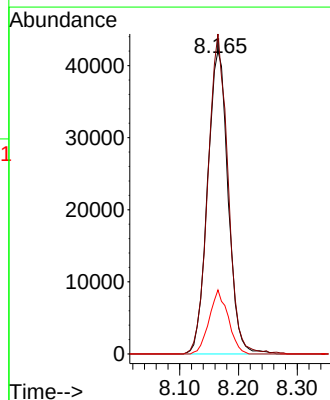
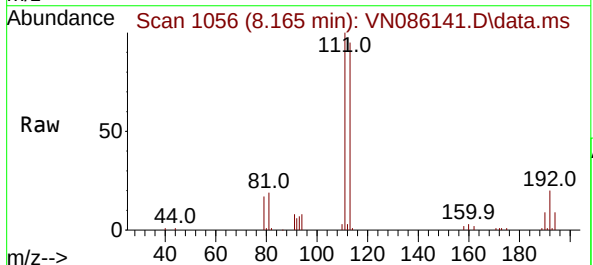
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

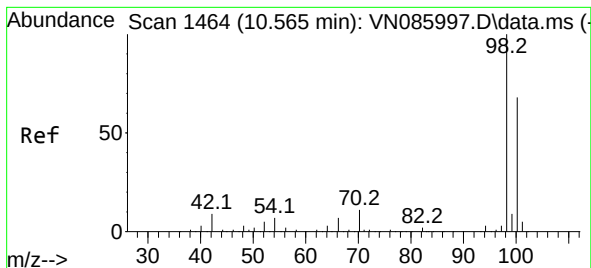
Tgt Ion:114 Resp: 270059
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.171 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086141.D
Acq: 28 Mar 2025 11:19

Tgt Ion:113 Resp: 102112
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 47.446 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086141.D

Acq: 28 Mar 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

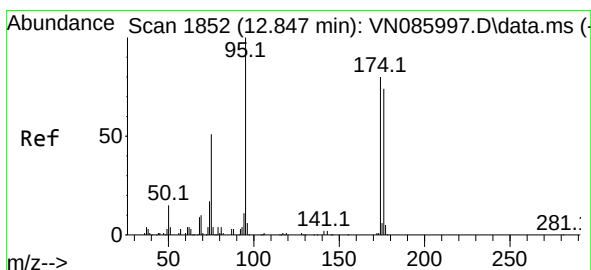
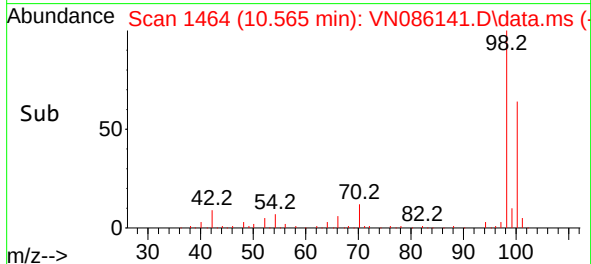
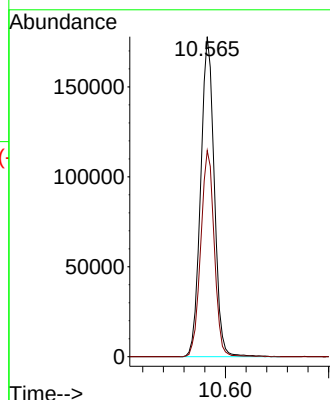
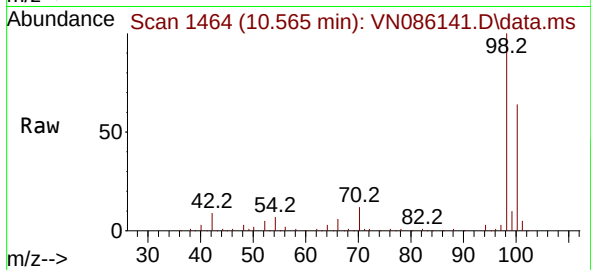
VN0328MBL01

Tgt Ion: 98 Resp: 324586

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 39.121 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086141.D

Acq: 28 Mar 2025 11:19

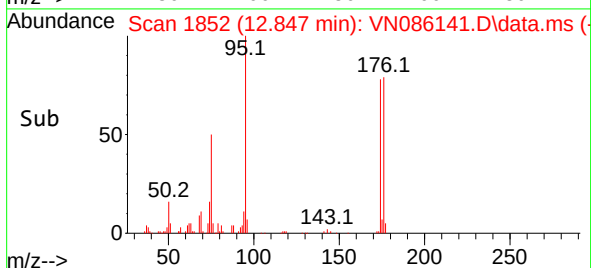
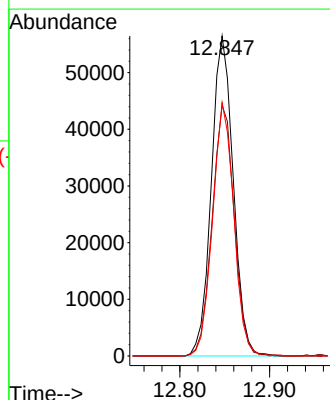
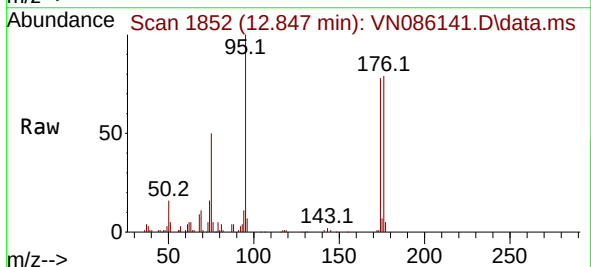
Tgt Ion: 95 Resp: 95447

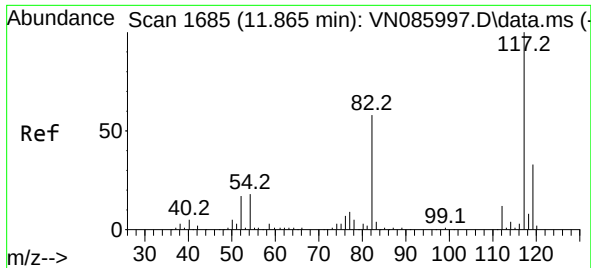
Ion Ratio Lower Upper

95 100

174 79.5 0.0 156.8

176 77.1 0.0 152.2

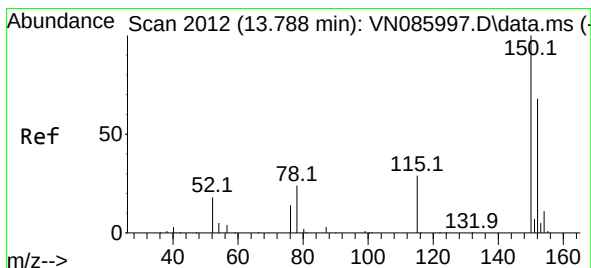
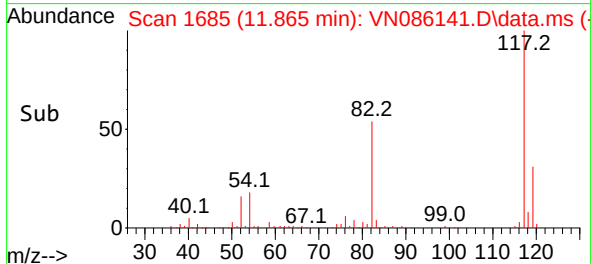
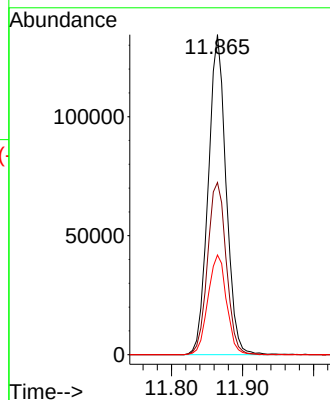
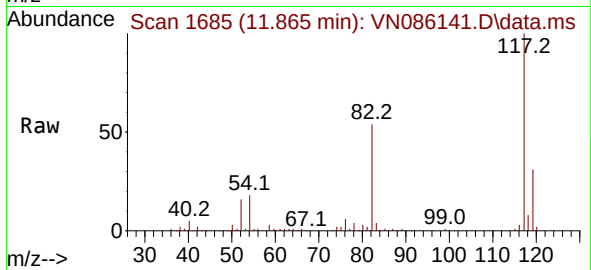




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086141.D
Acq: 28 Mar 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

Tgt Ion:117 Resp: 234798
Ion Ratio Lower Upper
117 100
82 53.8 46.7 70.1
119 31.1 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: VN086141.D
Acq: 28 Mar 2025 11:19

Tgt Ion:152 Resp: 97290
Ion Ratio Lower Upper
152 100
115 58.7 31.1 93.2
150 154.3 0.0 359.6

