

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085849.D
 Acq On : 25 Feb 2025 11:43
 Operator : JC\MD
 Sample : VN0225WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBL01

Quant Time: Feb 25 23:24:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	216938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174897	62.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.380%
35) Dibromofluoromethane	8.165	113	154931	55.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.700%
50) Toluene-d8	10.565	98	493684	48.912	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.847	95	139391	41.916	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.840%

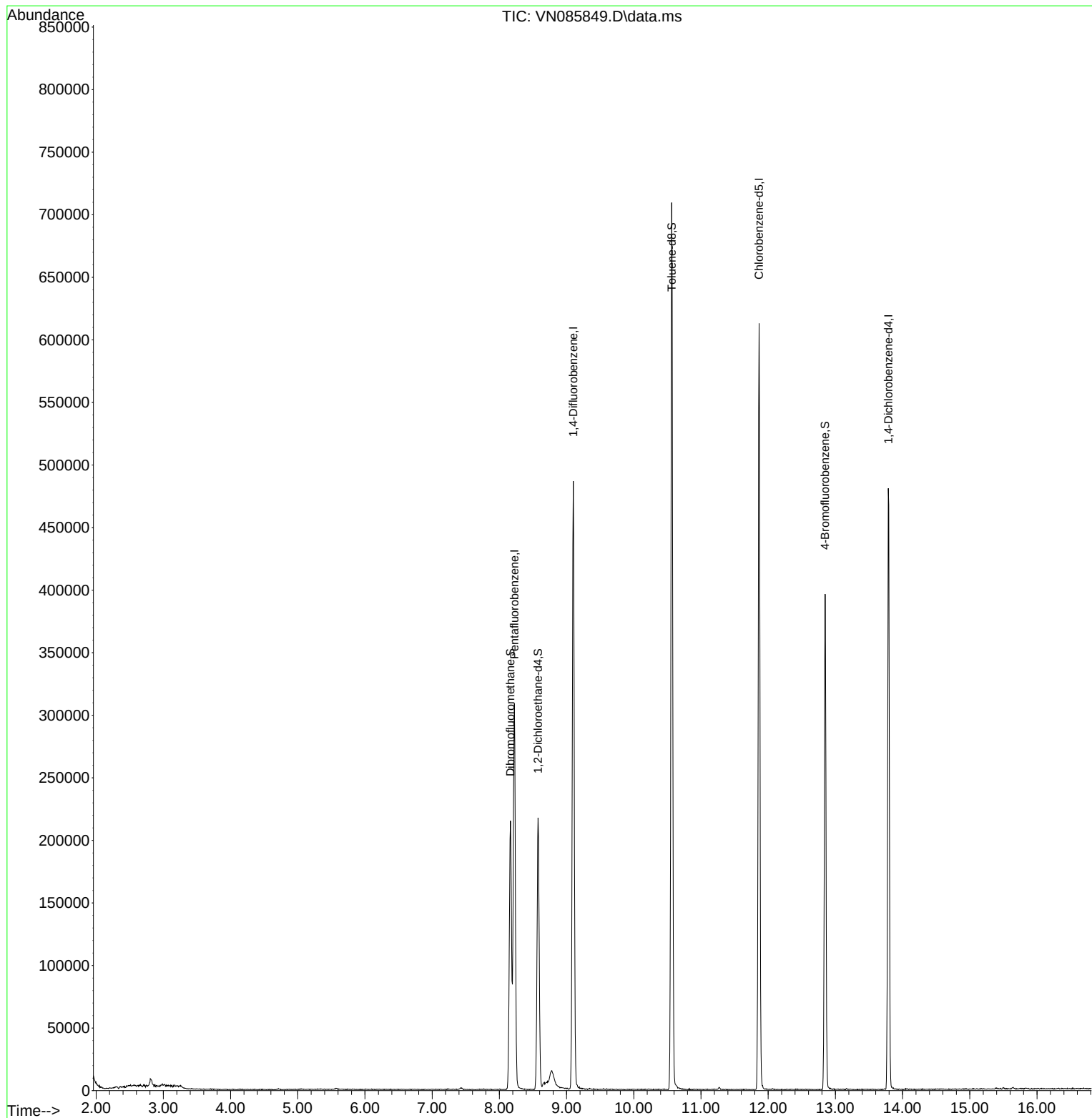
Target Compounds	Qvalue

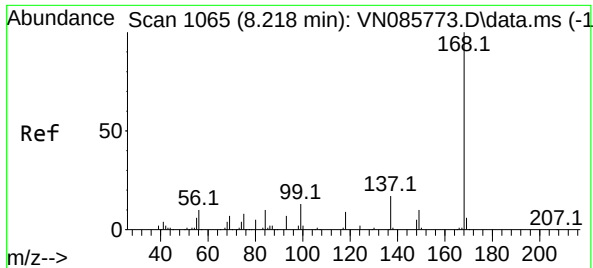
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
Data File : VN085849.D
Acq On : 25 Feb 2025 11:43
Operator : JC\MD
Sample : VN0225WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBL01

Quant Time: Feb 25 23:24:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

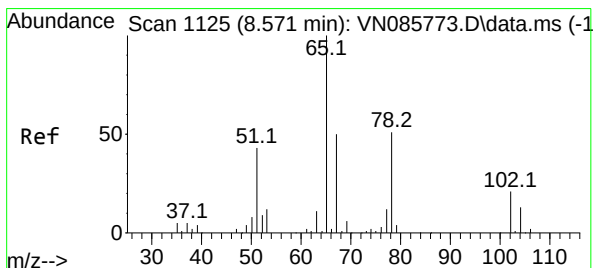
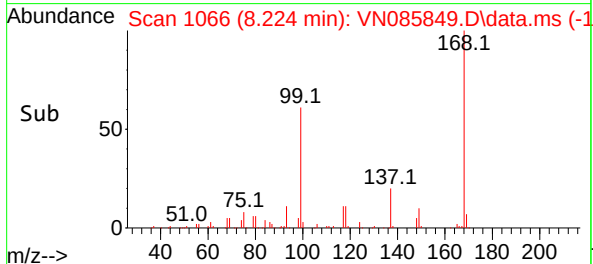
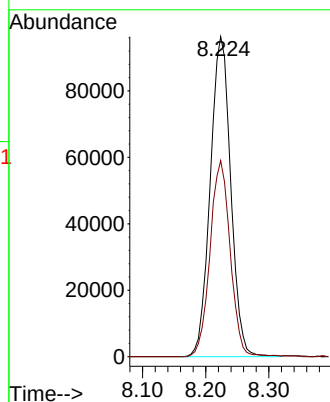
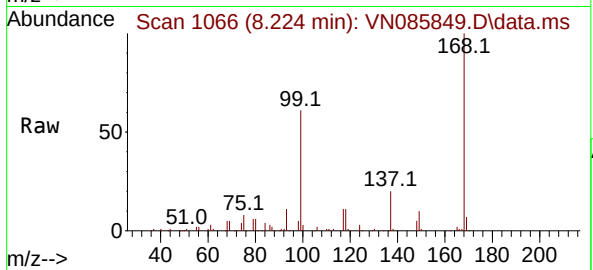




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

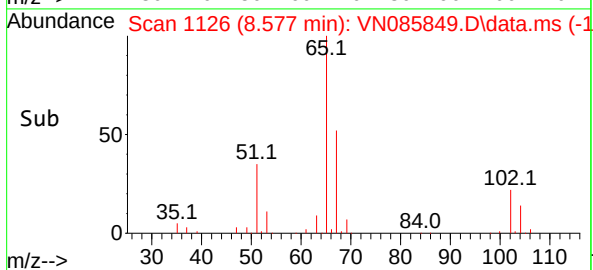
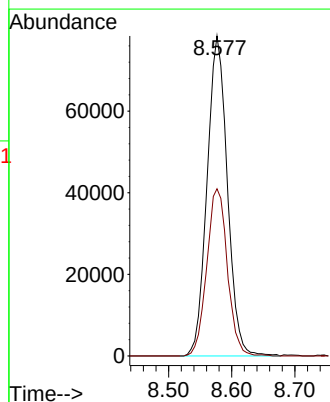
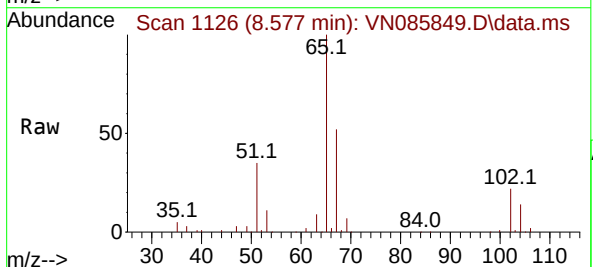
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBL01

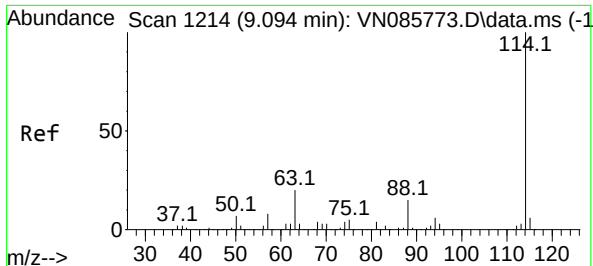
Tgt Ion:168 Resp: 216938
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 62.185 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

Tgt Ion: 65 Resp: 174897
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085849.D

Acq: 25 Feb 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBL01

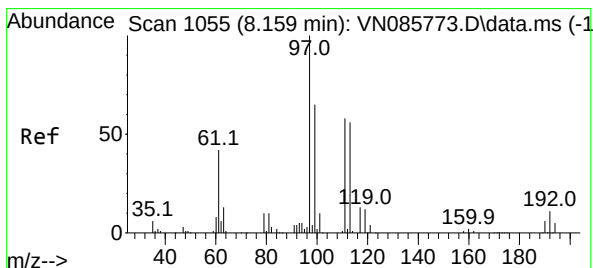
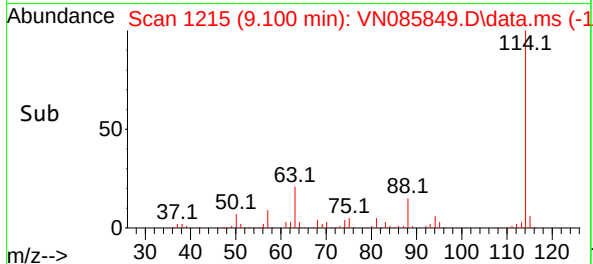
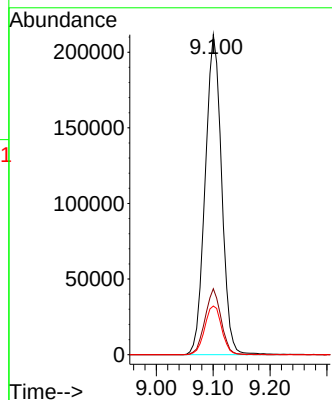
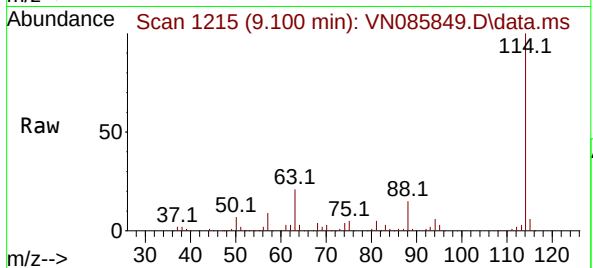
Tgt Ion:114 Resp: 423956

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.848 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085849.D

Acq: 25 Feb 2025 11:43

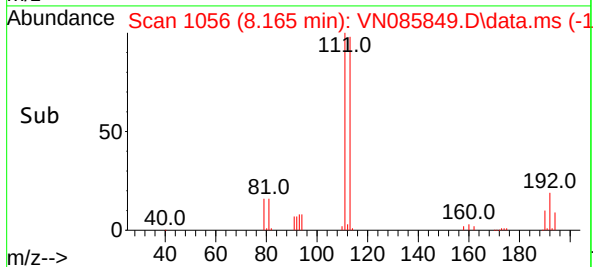
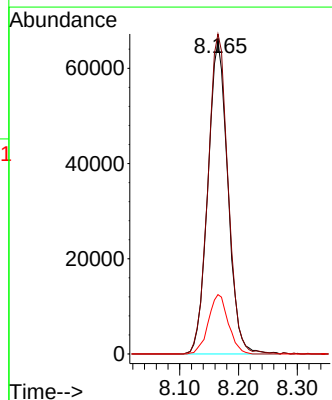
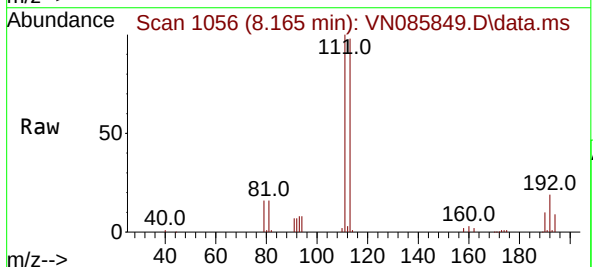
Tgt Ion:113 Resp: 154931

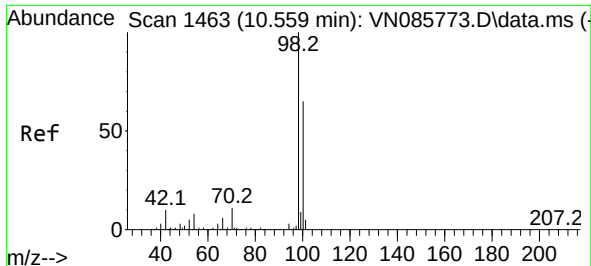
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 18.9 14.7 22.1

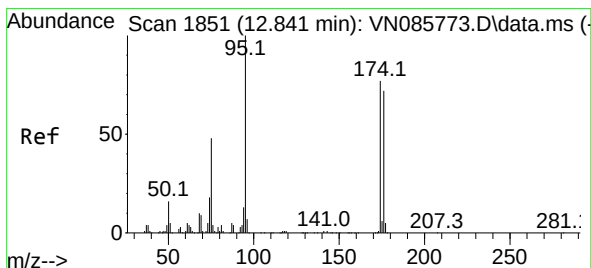
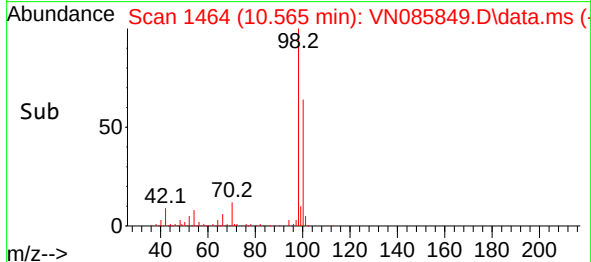
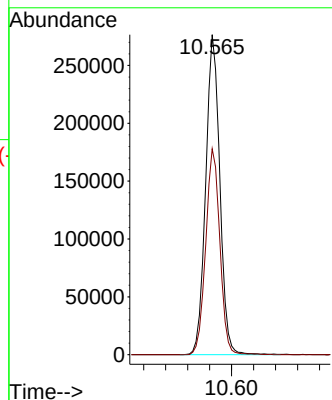
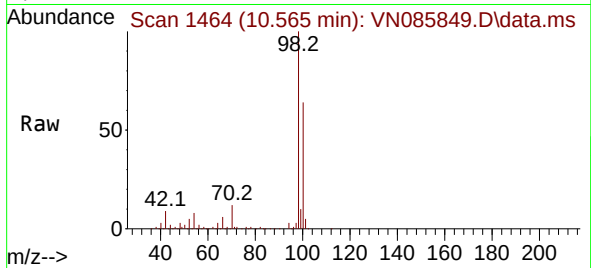




#50
Toluene-d8
Concen: 48.912 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

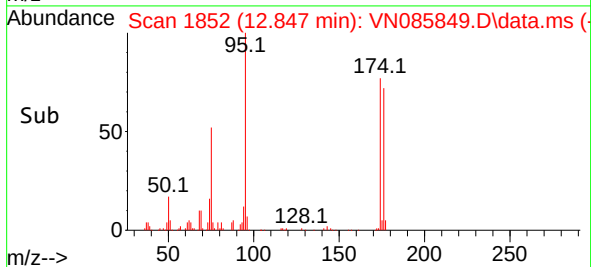
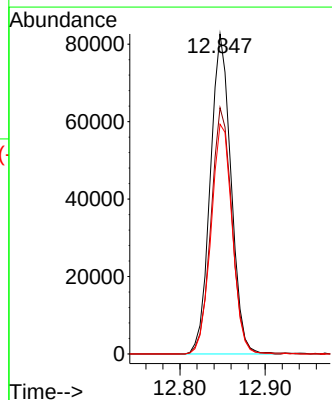
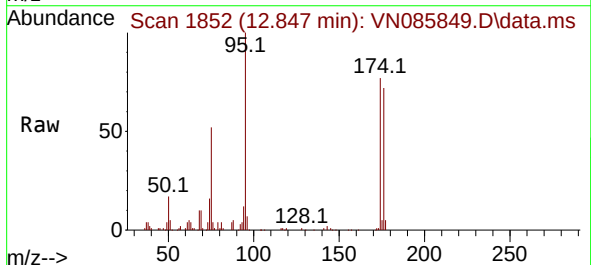
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBL01

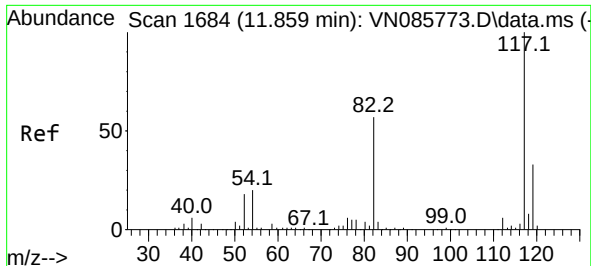
Tgt Ion: 98 Resp: 493684
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.916 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

Tgt Ion: 95 Resp: 139391
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.5 0.0 146.6

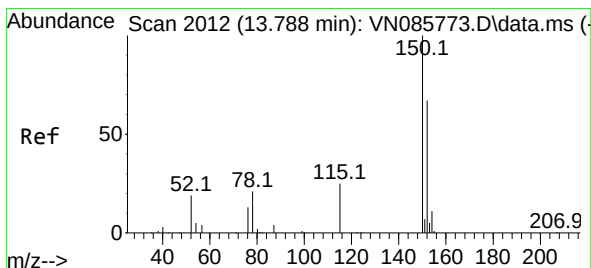
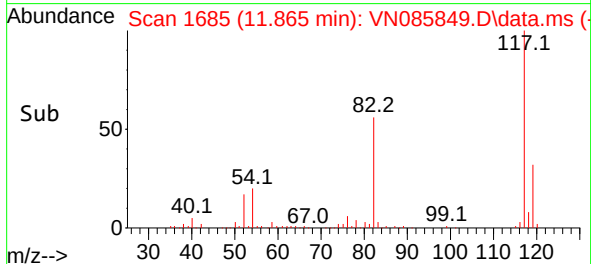
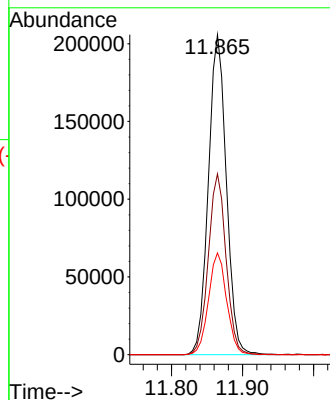
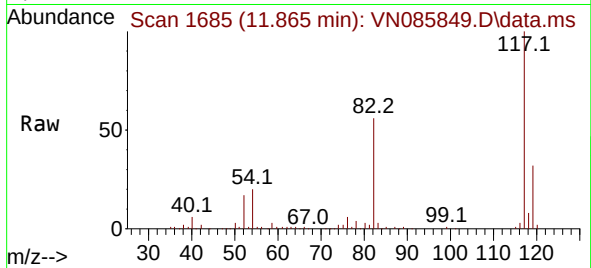




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBL01

Tgt Ion:117 Resp: 361345
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085849.D
Acq: 25 Feb 2025 11:43

Tgt Ion:152 Resp: 136612
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.3
150 159.2 0.0 345.4

