

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085858.D
 Acq On : 25 Feb 2025 15:37
 Operator : JC\MD
 Sample : Q1395-01DL 10X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-25-0005DL

Quant Time: Feb 25 23:40:30 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)

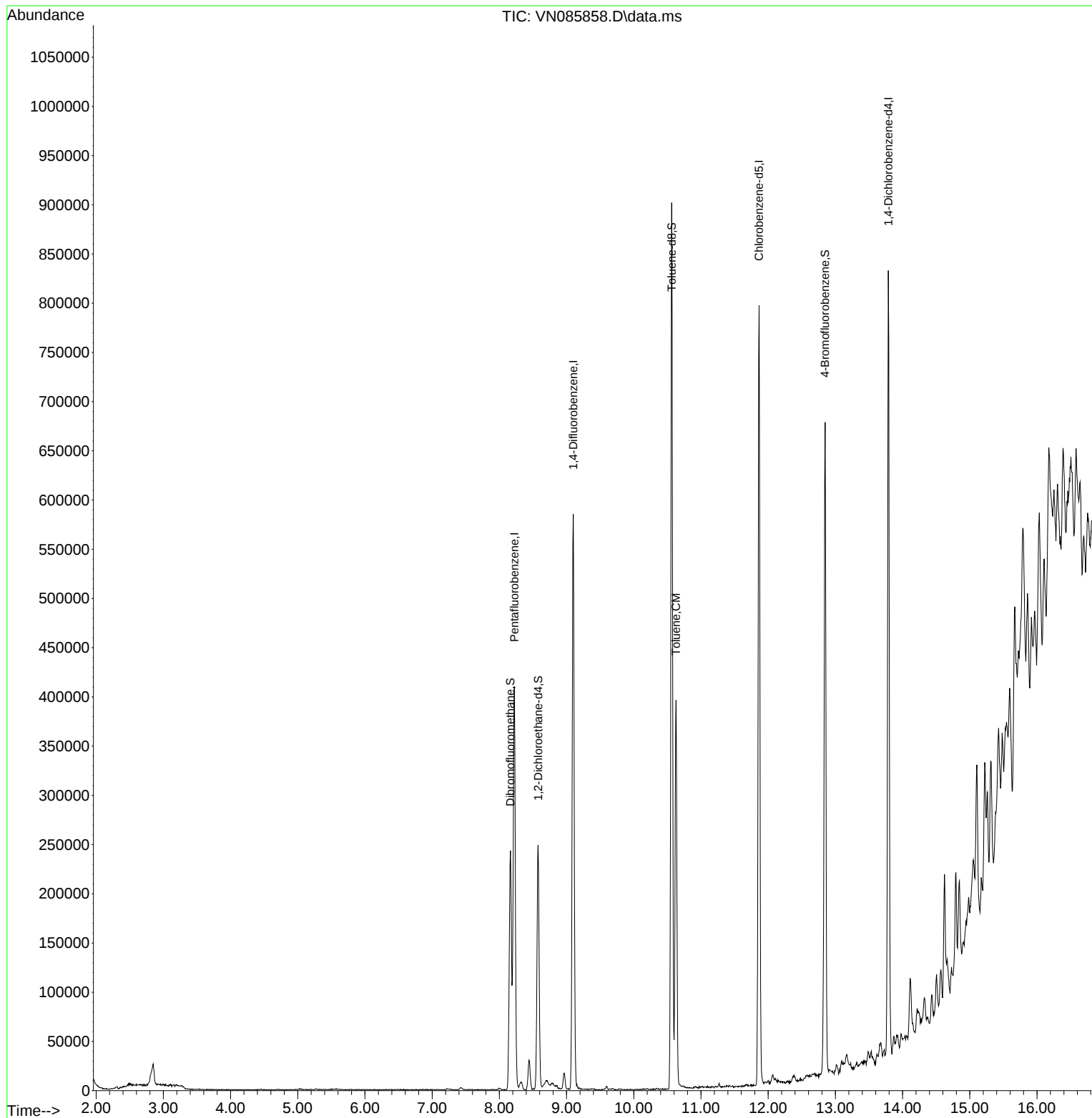
Internal Standards						
1) Pentafluorobenzene	8.224	168	284985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	520670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	224355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203383	55.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	8.165	113	177203	52.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.020%
50) Toluene-d8	10.565	98	628585	50.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.847	95	232845	57.012	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.020%
Target Compounds						
52) Toluene	10.629	92	180587	19.934	ug/l	Qvalue 99

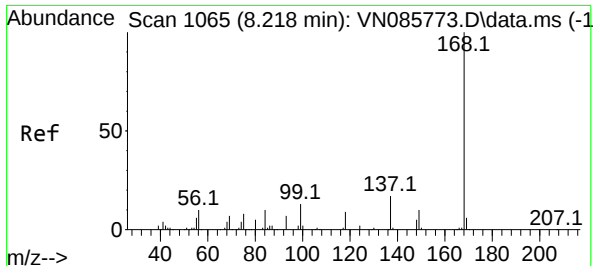
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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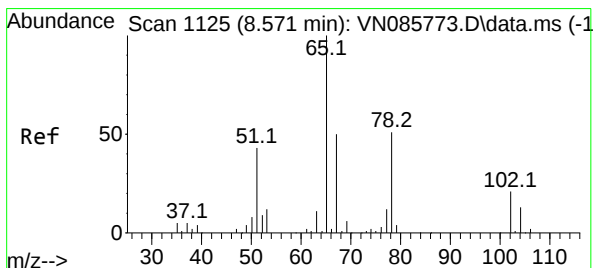
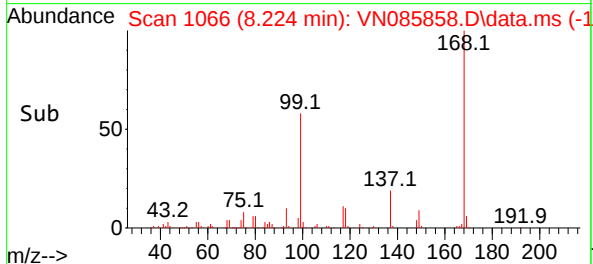
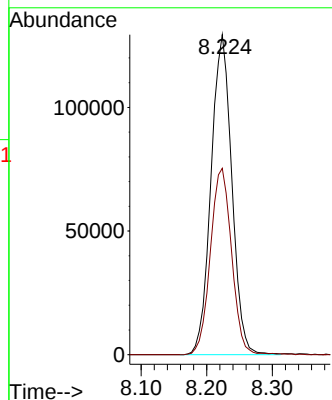
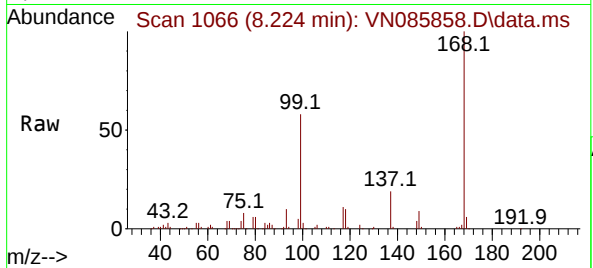




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

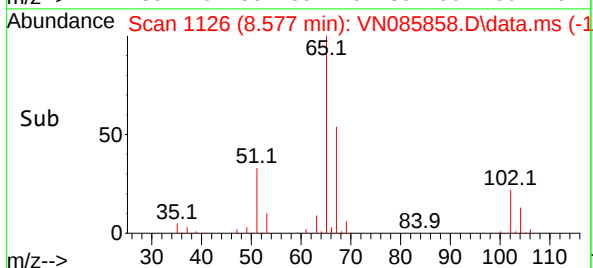
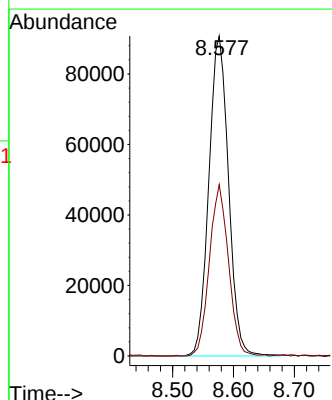
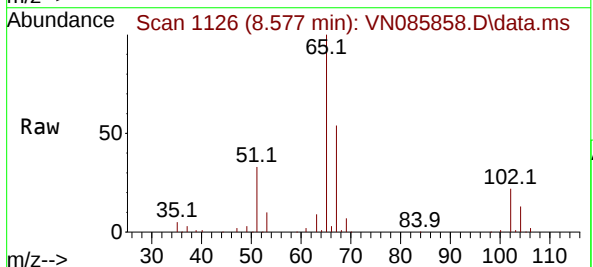
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005DL

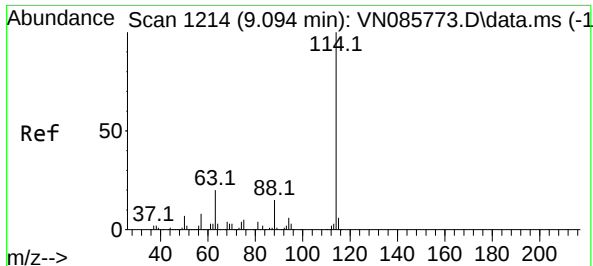
Tgt Ion:168 Resp: 284985
Ion Ratio Lower Upper
168 100
99 58.2 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.047 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

Tgt Ion: 65 Resp: 203383
Ion Ratio Lower Upper
65 100
67 52.1 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: VN085858.D

Acq: 25 Feb 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

BEL-25-0005DL

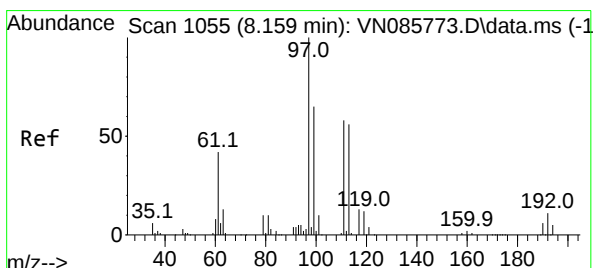
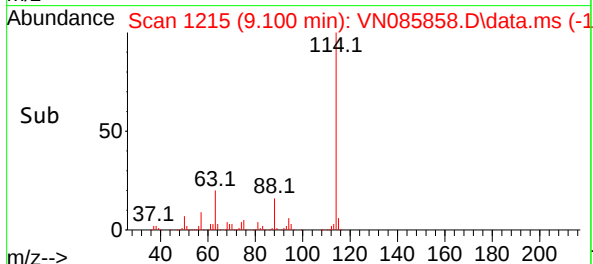
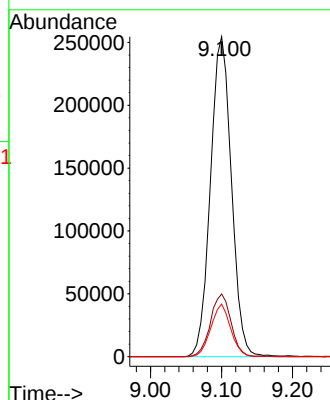
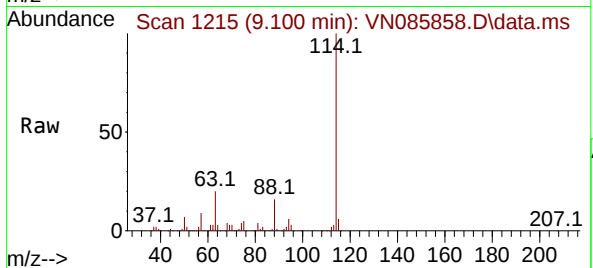
Tgt Ion:114 Resp: 520670

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.011 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085858.D

Acq: 25 Feb 2025 15:37

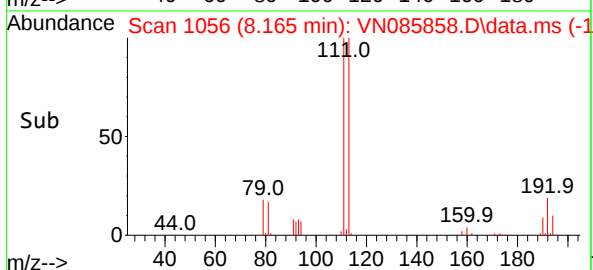
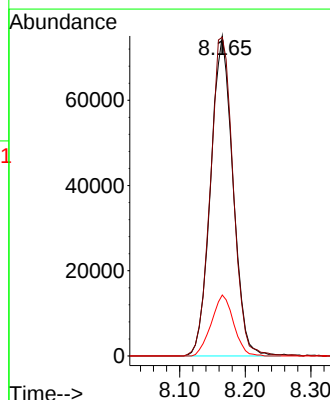
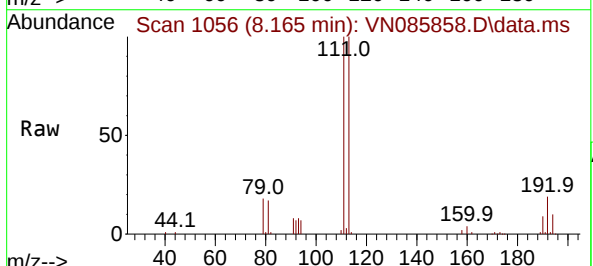
Tgt Ion:113 Resp: 177203

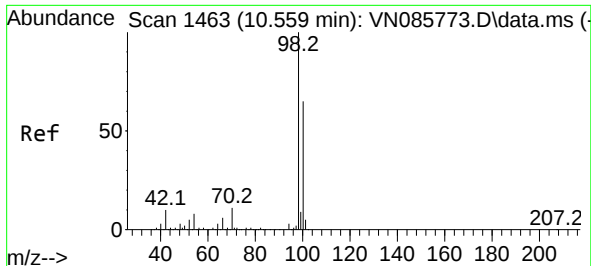
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.0 14.7 22.1

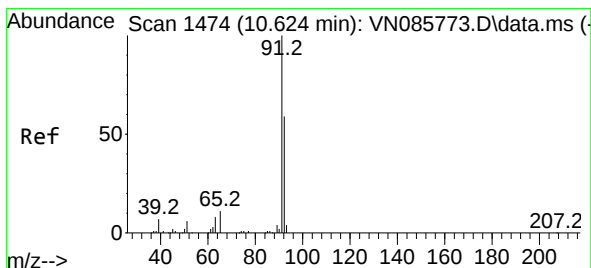
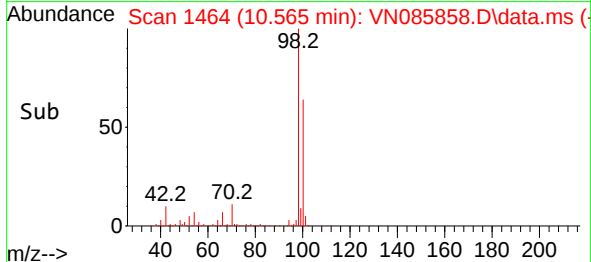
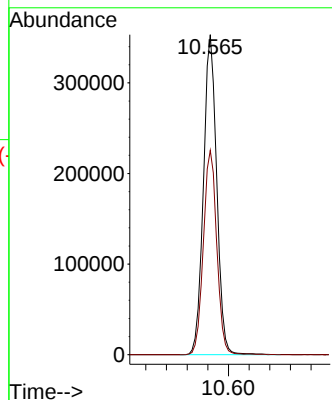
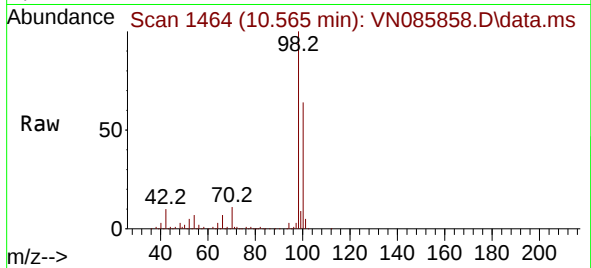




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

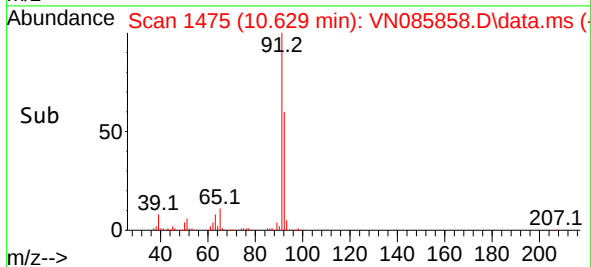
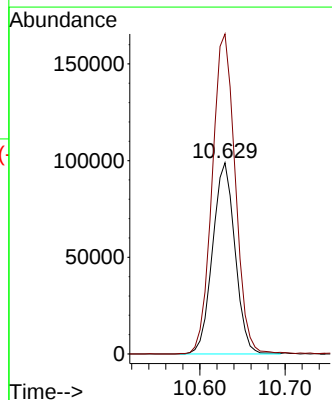
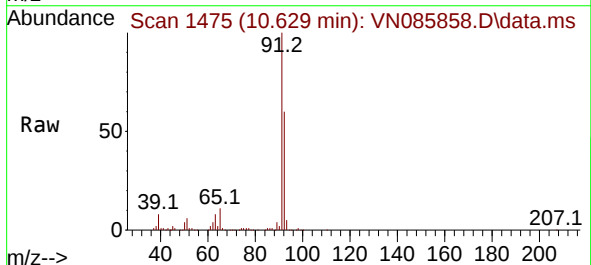
Instrument :
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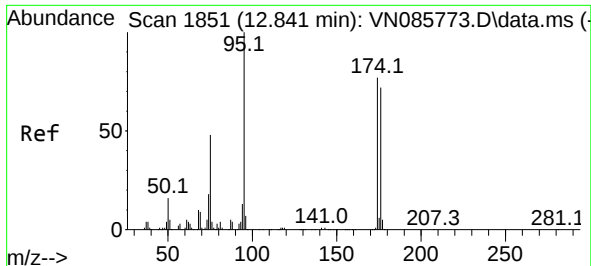
Tgt Ion: 98 Resp: 628585
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#52
Toluene
Concen: 19.934 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

Tgt Ion: 92 Resp: 180587
Ion Ratio Lower Upper
92 100
91 172.3 136.9 205.3

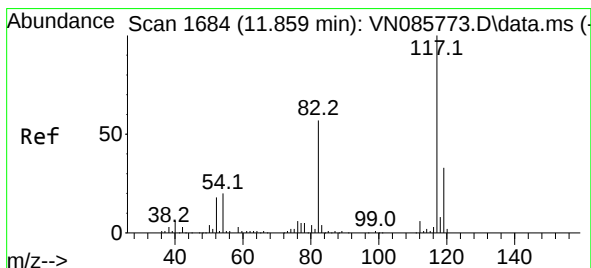
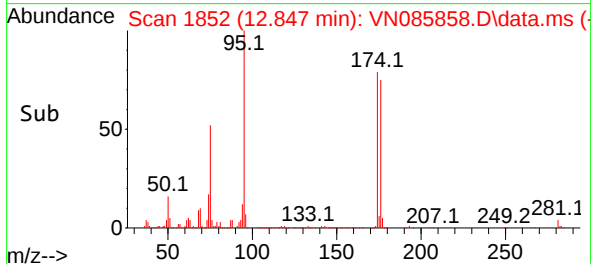
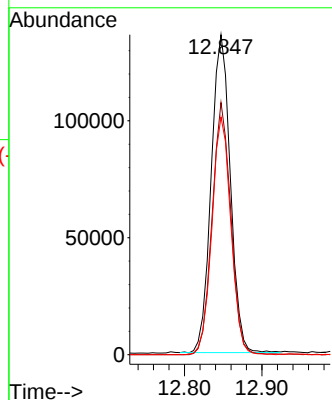
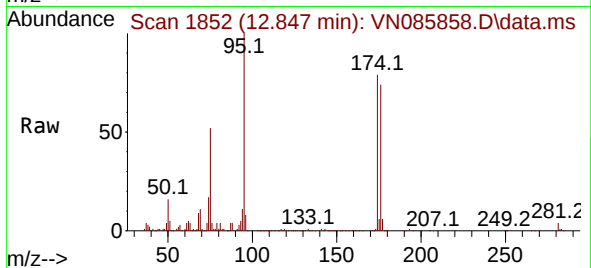




#62
4-Bromofluorobenzene
Concen: 57.012 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

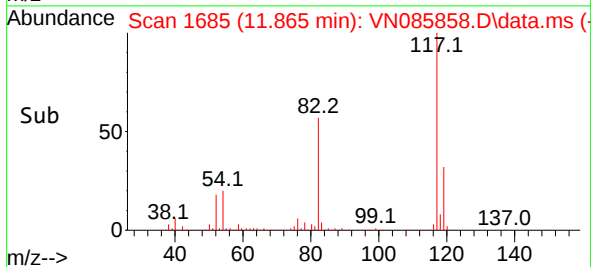
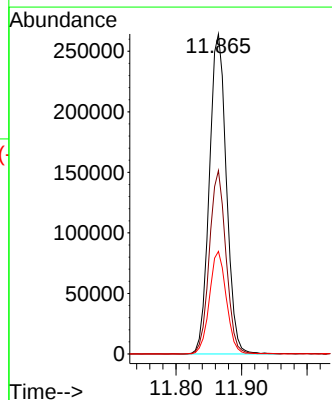
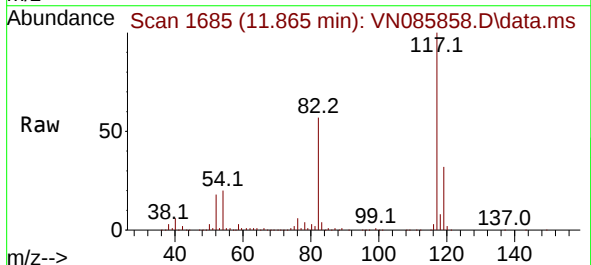
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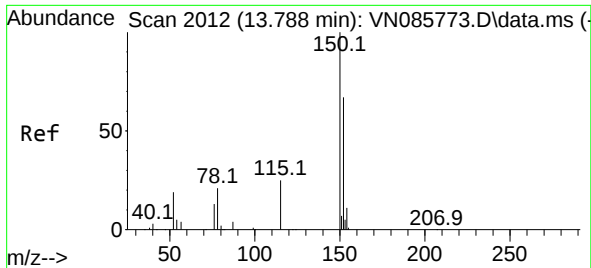
Tgt Ion: 95 Resp: 232845
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 74.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085858.D
Acq: 25 Feb 2025 15:37

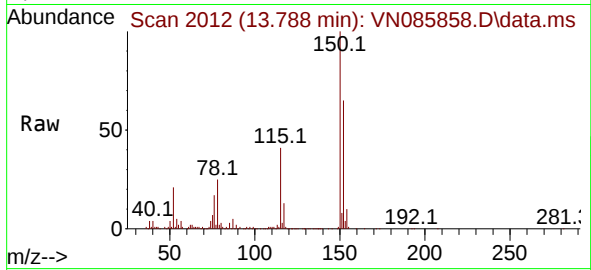
Tgt Ion: 117 Resp: 477297
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085858.D
 Acq: 25 Feb 2025 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-25-0005DL



Tgt Ion:152 Resp: 224355
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.4 91.3
 150 156.6 0.0 345.4

