

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083285.D
 Acq On : 14 Aug 2024 08:04
 Operator : JC\MD
 Sample : P3534-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PIPE-BLAST-GRIT(FB)

Quant Time: Aug 14 08:20:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107634	57.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.320%
35) Dibromofluoromethane	8.171	113	84650	52.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	10.565	98	313963	52.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.847	95	130777	55.867	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.740%

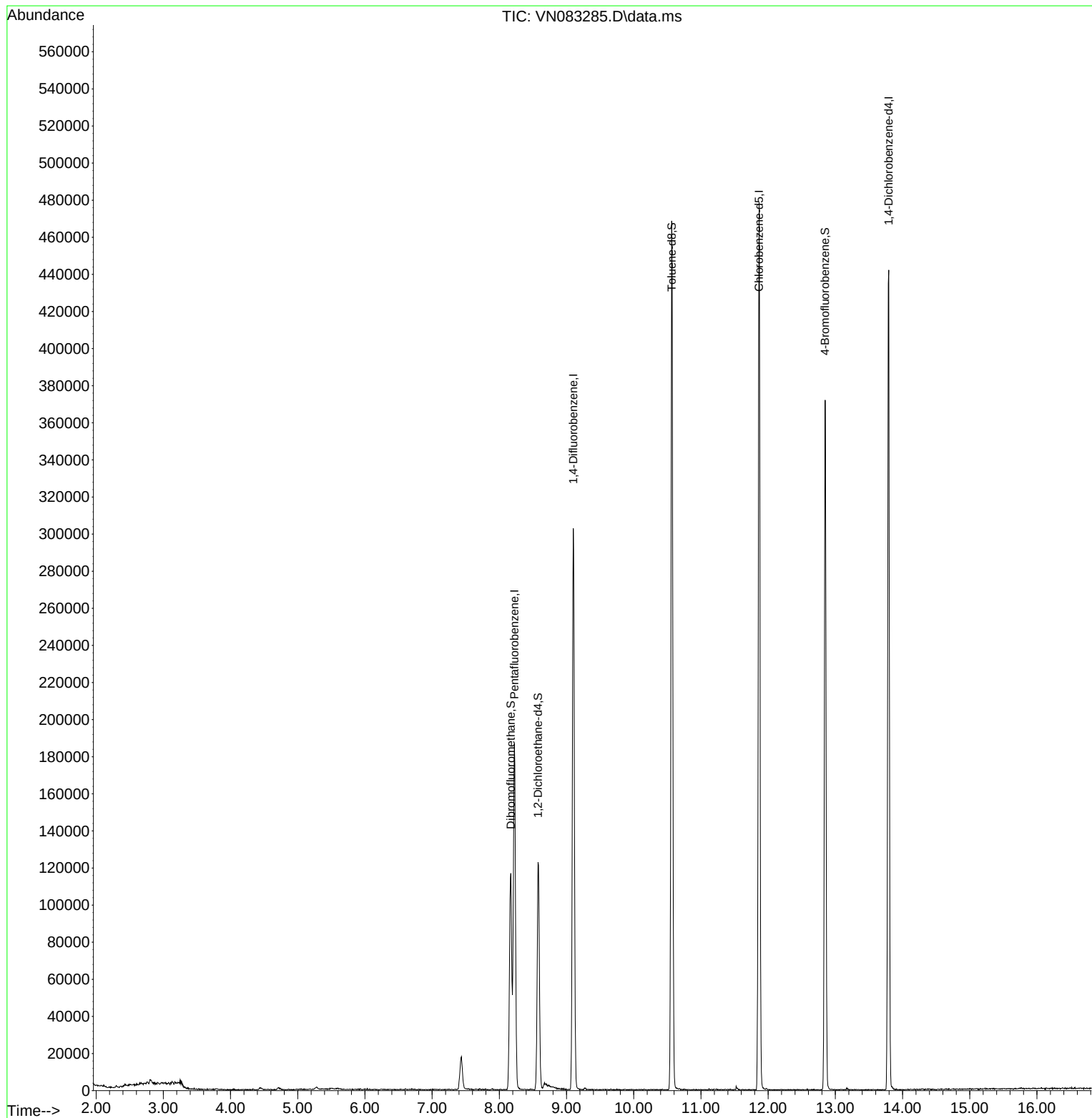
Target Compounds	Qvalue

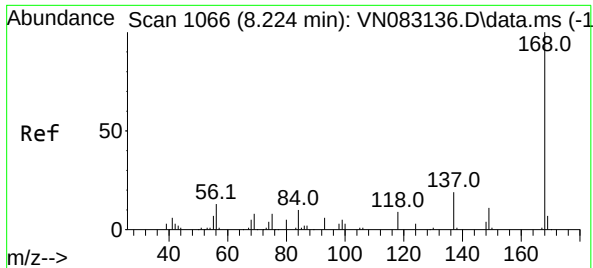
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
Data File : VN083285.D
Acq On : 14 Aug 2024 08:04
Operator : JC\MD
Sample : P3534-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PIPE-BLAST-GRIT(FB)

Quant Time: Aug 14 08:20:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

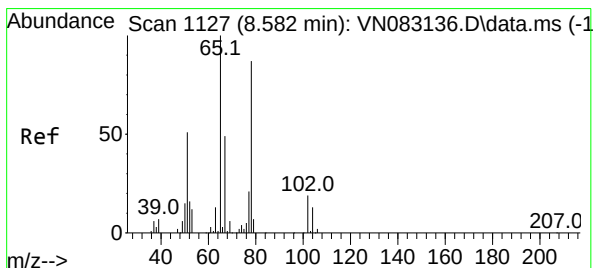
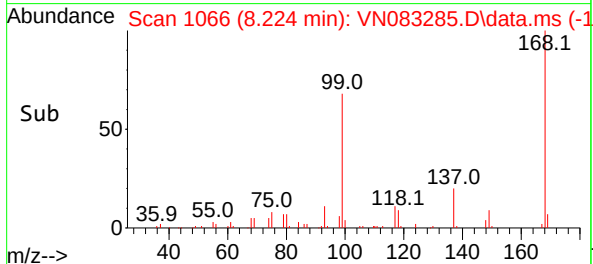
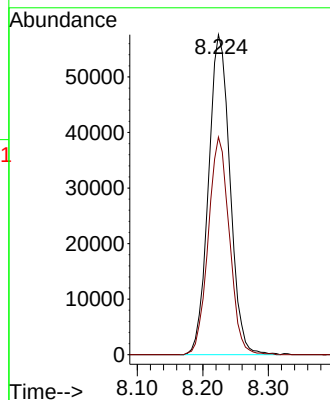
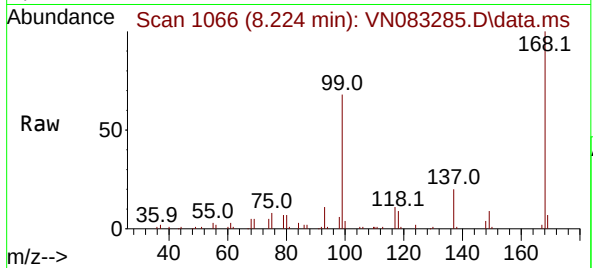




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

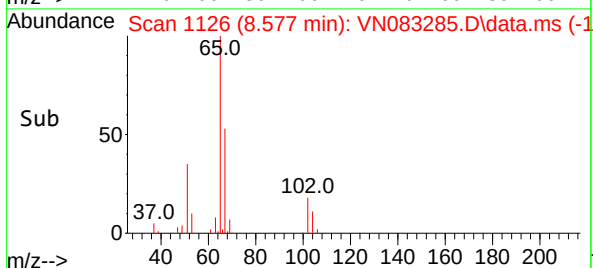
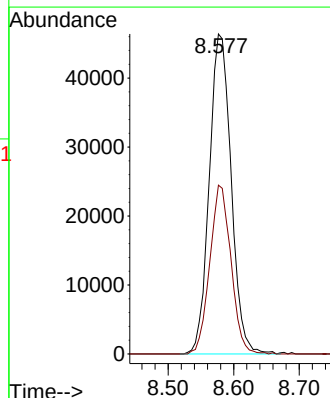
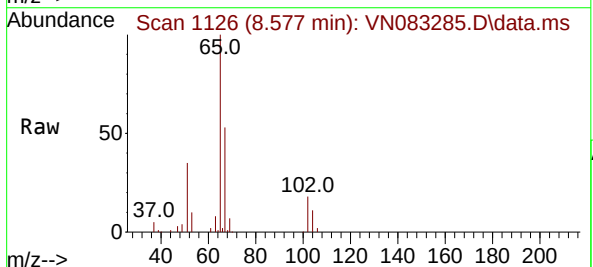
Instrument :
MSVOA_N
ClientSampleId :
PIPE-BLAST-GRIT(FB)

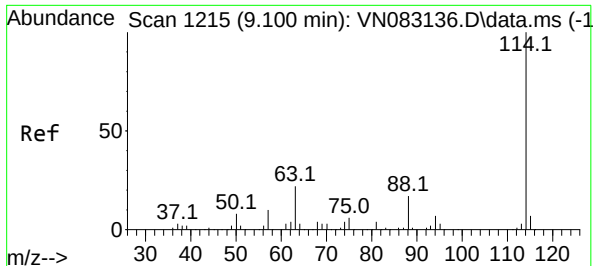
Tgt Ion:168 Resp: 131144
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.660 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 65 Resp: 107634
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

ClientSampleId :

PIPE-BLAST-GRIT(FB)

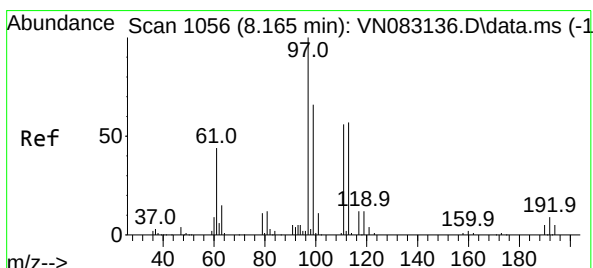
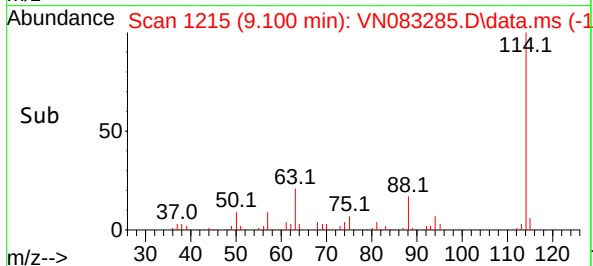
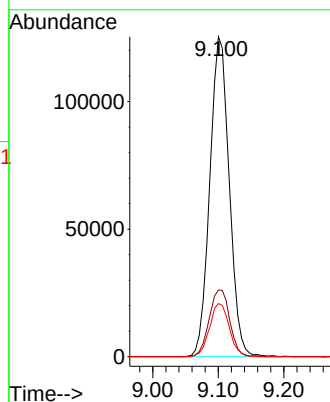
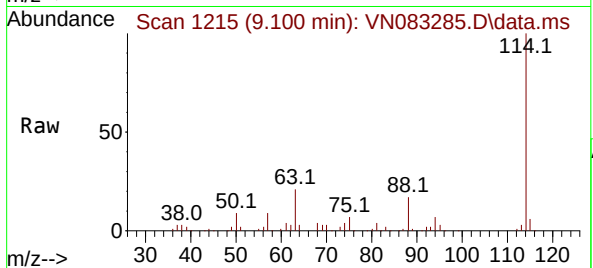
Tgt Ion:114 Resp: 257886

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.588 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

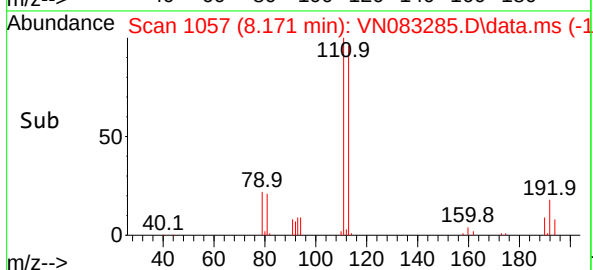
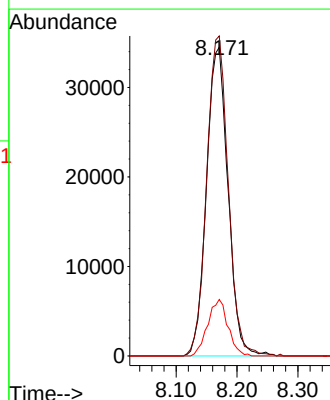
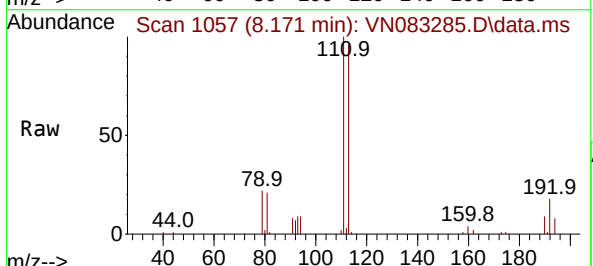
Tgt Ion:113 Resp: 84650

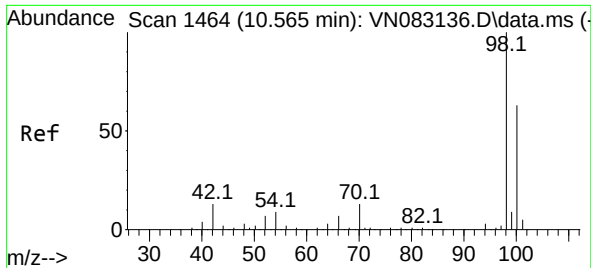
Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.3 14.9 22.3

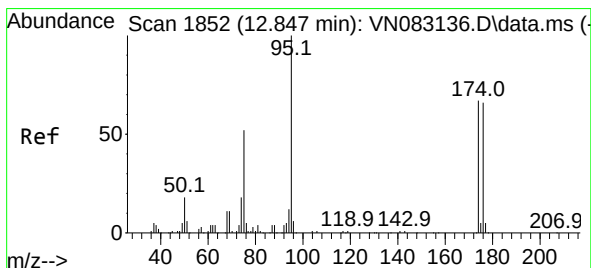
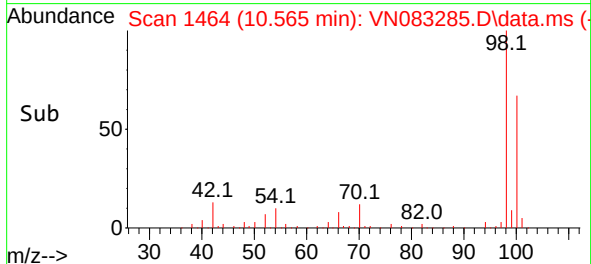
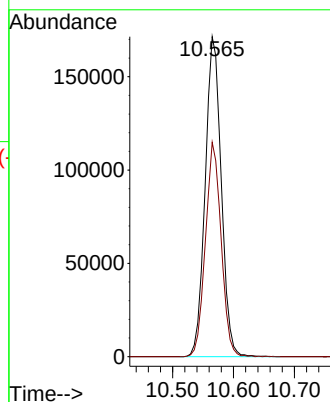
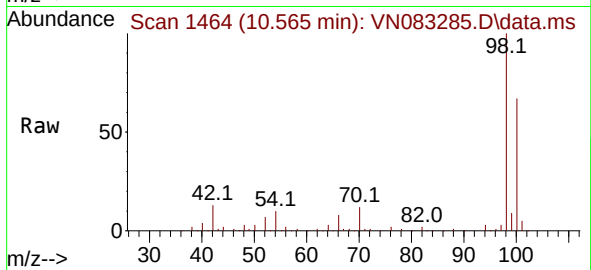




#50
Toluene-d8
Concen: 52.288 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

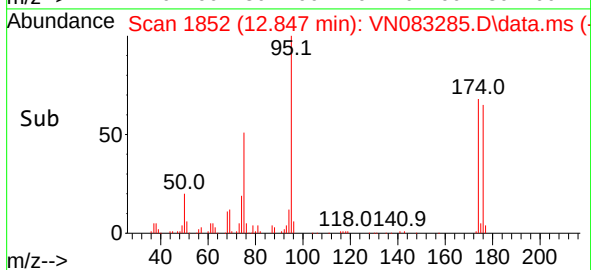
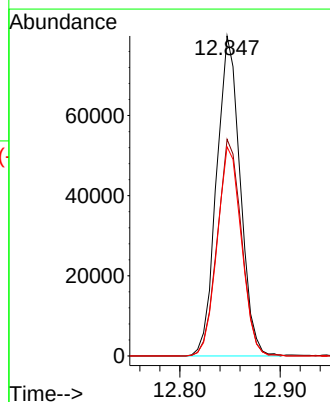
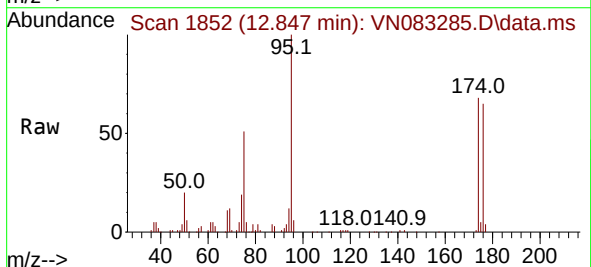
Instrument :
MSVOA_N
ClientSampleId :
PIPE-BLAST-GRIT(FB)

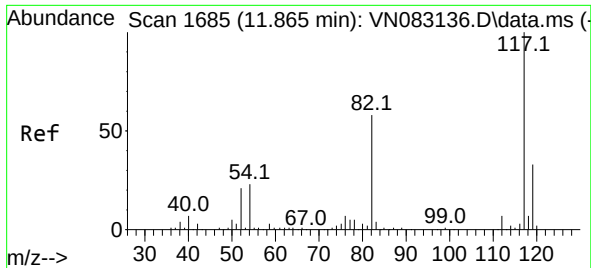
Tgt Ion: 98 Resp: 313963
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.867 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 95 Resp: 130777
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 67.1 0.0 147.6

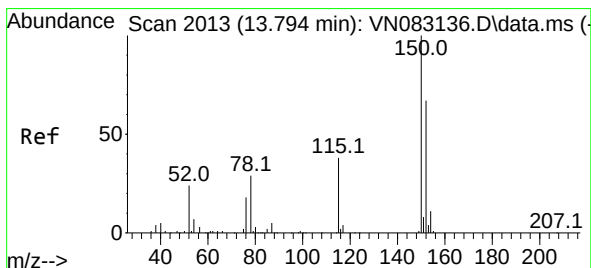
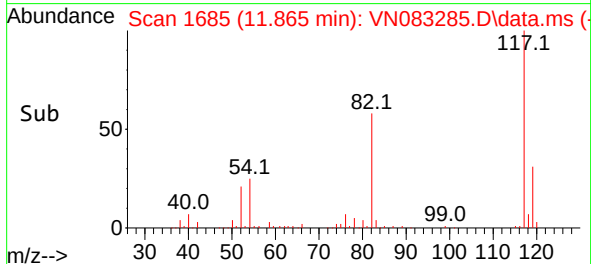
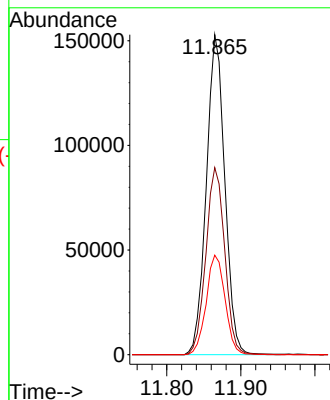
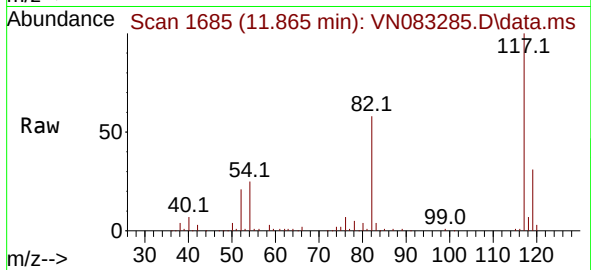




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Instrument :
MSVOA_N
ClientSampleId :
PIPE-BLAST-GRIT(FB)

Tgt Ion:117 Resp: 264947
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion:152 Resp: 116832
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 156.0 0.0 348.6

