

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039777.D
 Acq On : 25 Oct 2022 4:08
 Operator : SY/AP
 Sample : N5227-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDL

Quant Time: Oct 25 15:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	986170	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2570536	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2192184	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	1589726	10.194	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

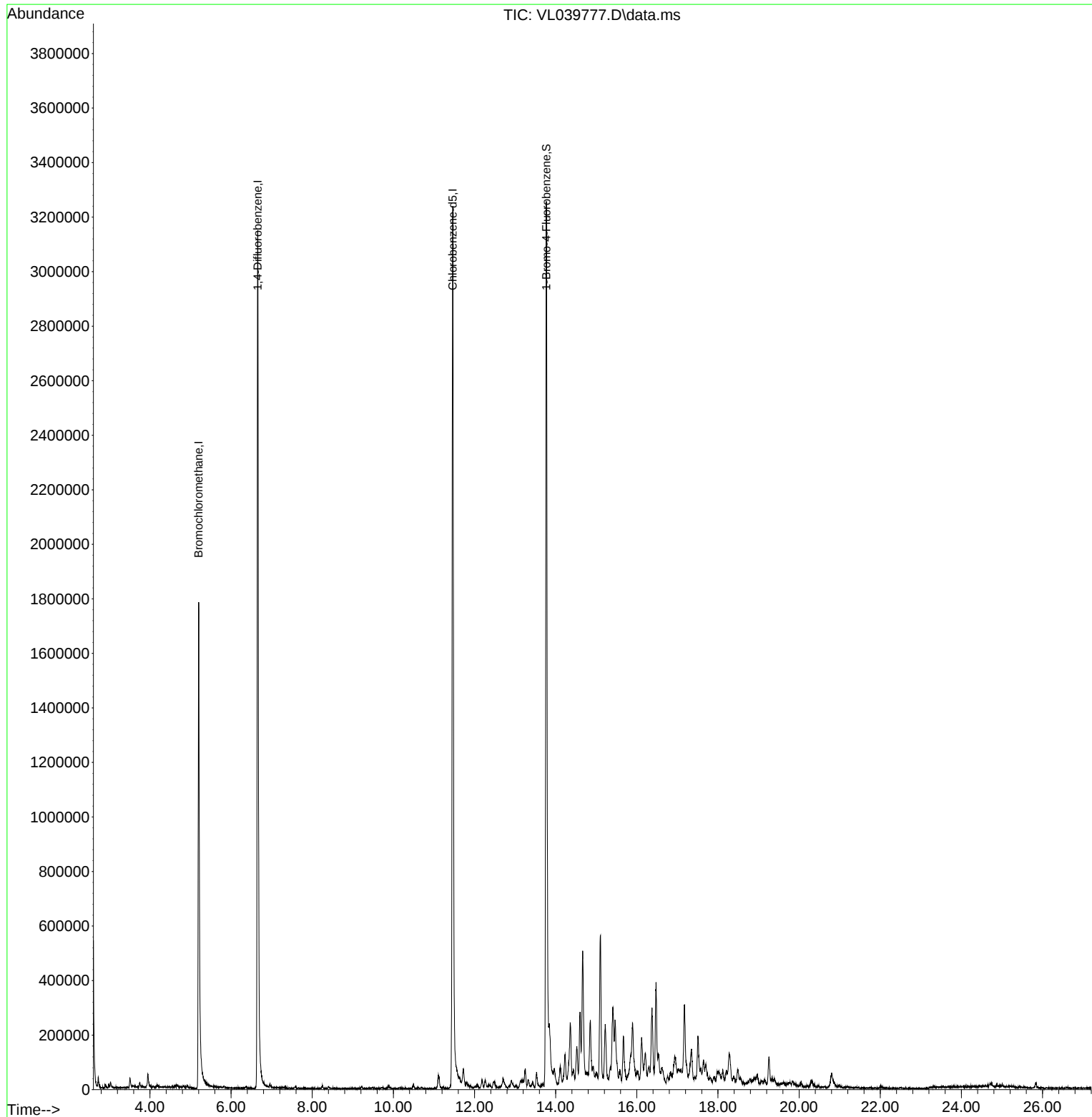
Target Compounds	Qvalue

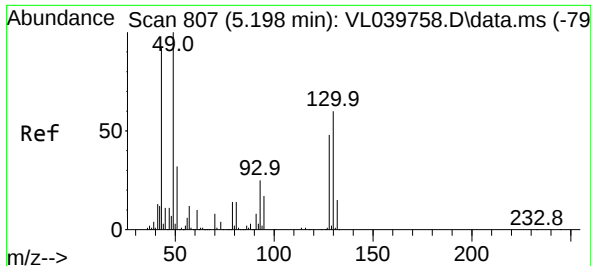
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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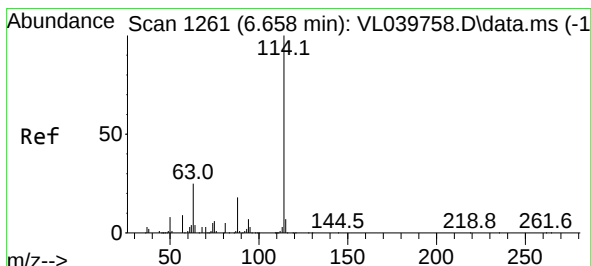
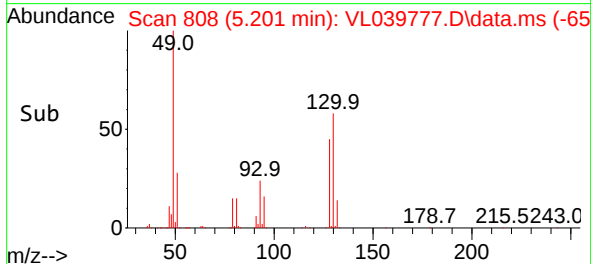
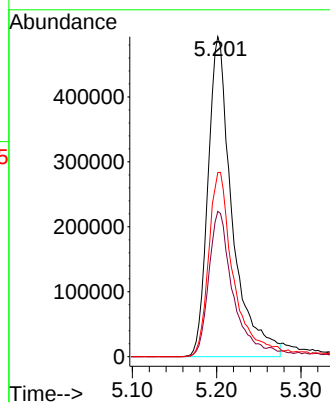
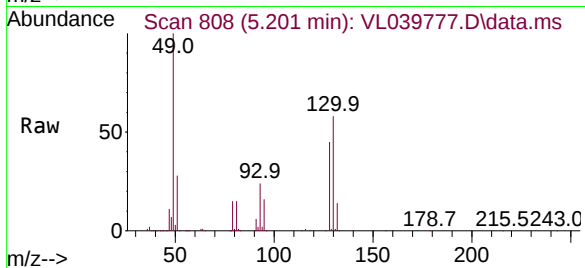




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039777.D
Acq: 25 Oct 2022 4:08

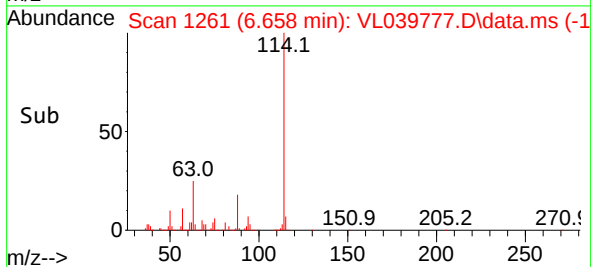
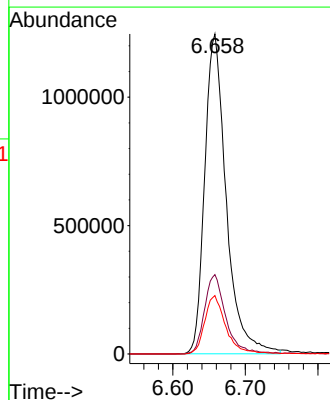
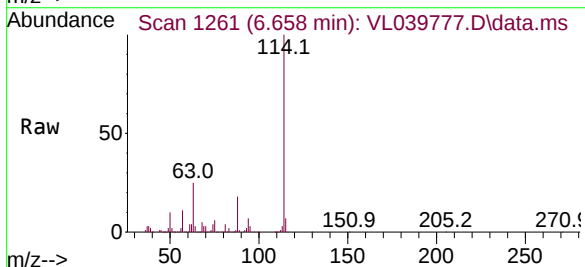
Instrument :
MSVOA_L
ClientSampleId :
DDL

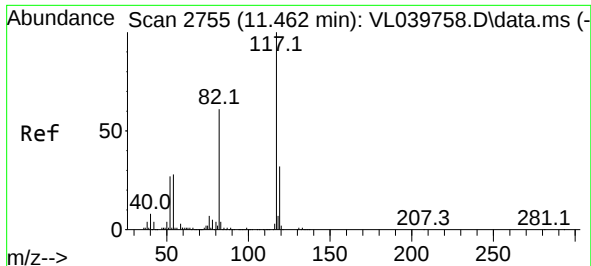
Tgt Ion: 49 Resp: 986170
Ion Ratio Lower Upper
49 100
128 48.0 24.6 74.0
130 62.4 31.8 95.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VL039777.D
Acq: 25 Oct 2022 4:08

Tgt Ion: 114 Resp: 2570536
Ion Ratio Lower Upper
114 100
63 24.9 20.1 30.1
88 18.1 14.5 21.7

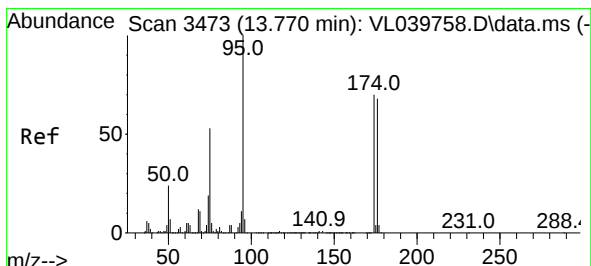
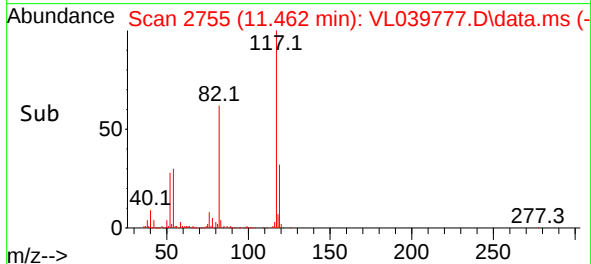
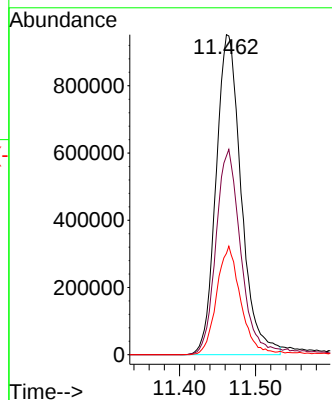
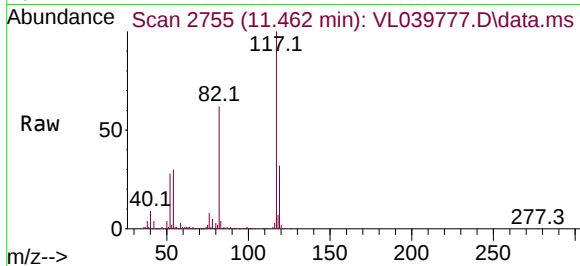




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039777.D
Acq: 25 Oct 2022 4:08

Instrument :
MSVOA_L
ClientSampleId :
DDL

Tgt Ion:117 Resp: 2192184
Ion Ratio Lower Upper
117 100
82 65.9 49.9 74.9
119 33.3 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.194 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.000 min
Lab File: VL039777.D
Acq: 25 Oct 2022 4:08

Tgt Ion: 95 Resp: 1589726
Ion Ratio Lower Upper
95 100
174 75.0 57.3 85.9
175 5.6 4.2 6.2

