

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039604.D
 Acq On : 31 Aug 2022 11:46
 Operator : SY/AP
 Sample : VL0831ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

Quant Time: Aug 31 23:44:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	952478	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2576762	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2254913	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.789	95	1640030	9.641	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

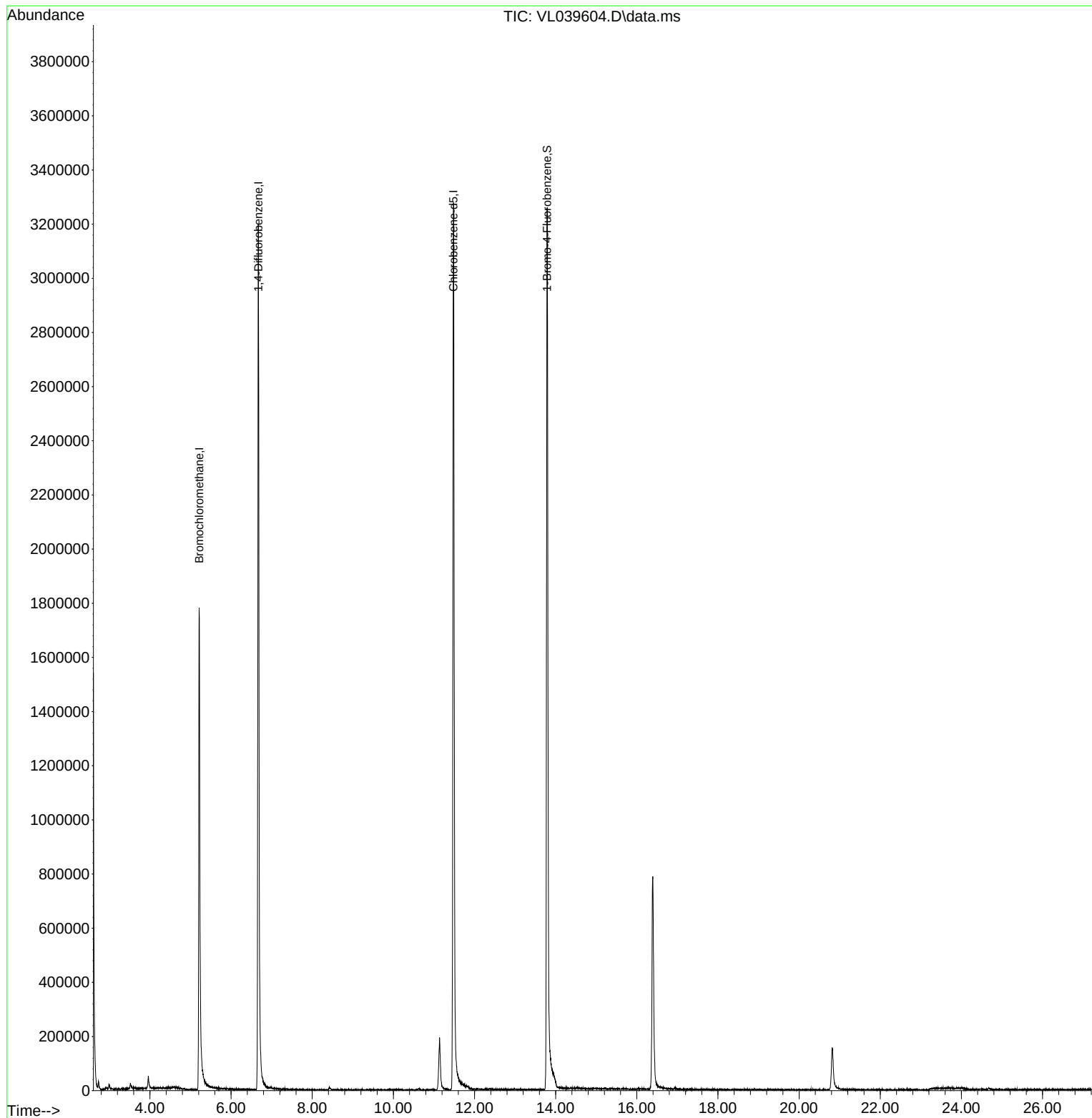
Target Compounds	Qvalue

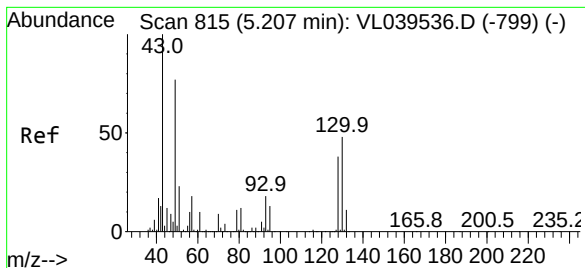
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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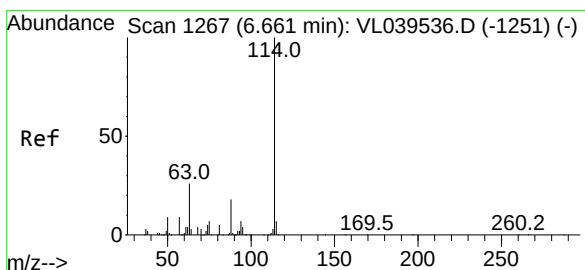
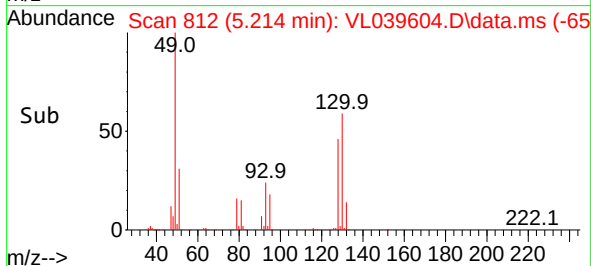
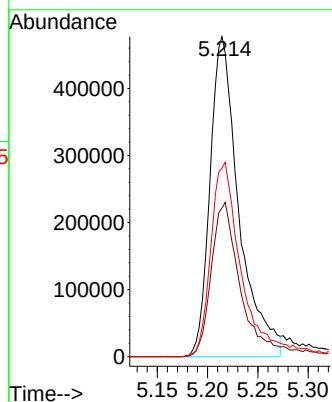
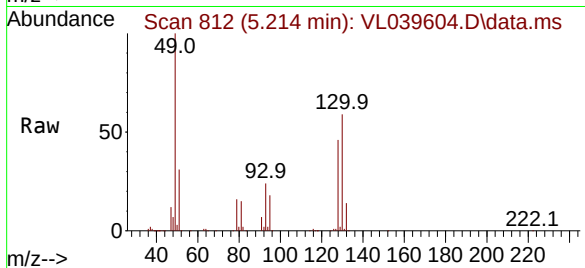




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 815
 Delta R.T. 0.007 min
 Lab File: VL039604.D
 Acq: 31 Aug 2022 11:46

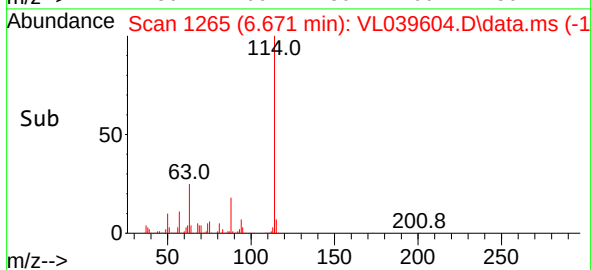
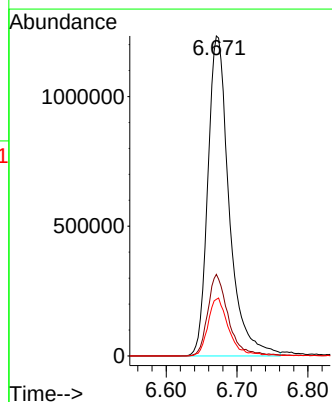
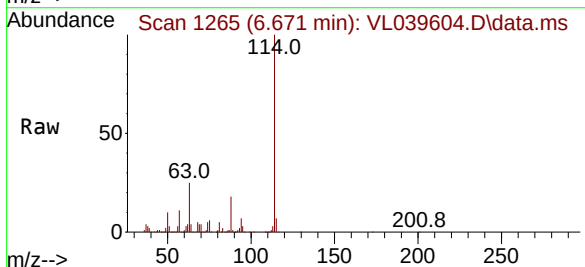
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABL01

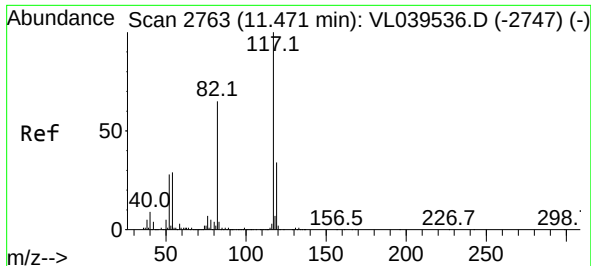
Tgt Ion: 49 Resp: 952478
 Ion Ratio Lower Upper
 49 100
 128 51.7 26.7 80.0
 130 66.7 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.671 min Scan# 1265
 Delta R.T. 0.010 min
 Lab File: VL039604.D
 Acq: 31 Aug 2022 11:46

Tgt Ion: 114 Resp: 2576762
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.2 30.4
 88 17.8 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039604.D

Acq: 31 Aug 2022 11:46

Instrument :

MSVOA_1

ClientSampleId :

VL0831ABL01

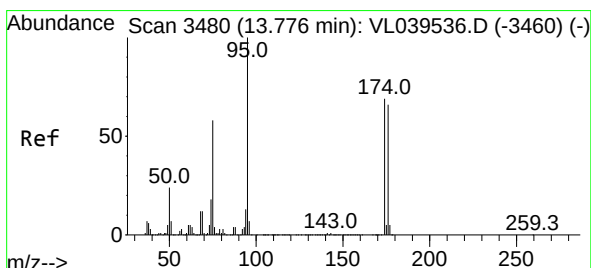
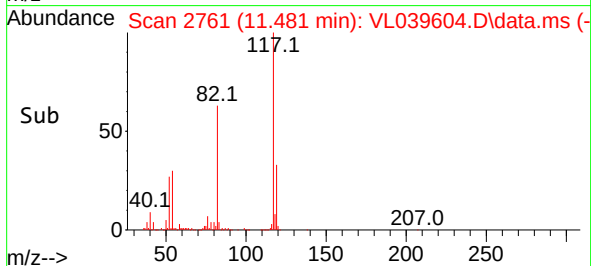
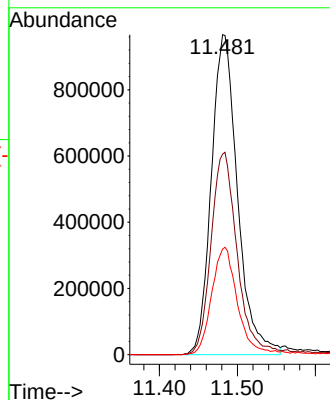
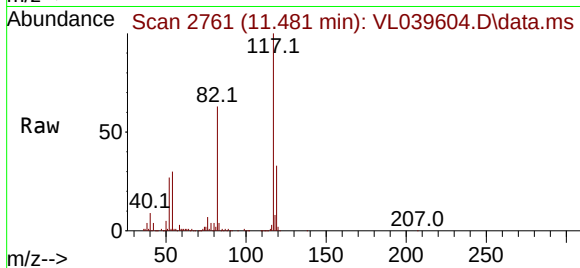
Tgt Ion:117 Resp: 2254913

Ion Ratio Lower Upper

117 100

82 64.1 50.8 76.2

119 33.7 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.641 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.014 min

Lab File: VL039604.D

Acq: 31 Aug 2022 11:46

Tgt Ion: 95 Resp: 1640030

Ion Ratio Lower Upper

95 100

174 71.0 55.9 83.9

175 5.6 4.2 6.4

