

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039669.D
 Acq On : 22 Sep 2022 17:02
 Operator : SY/AP
 Sample : VL0922ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABL01

Quant Time: Sep 23 06:35:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	931925	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2440305	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.497	117	2200020	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.806	95	1628823	9.918	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

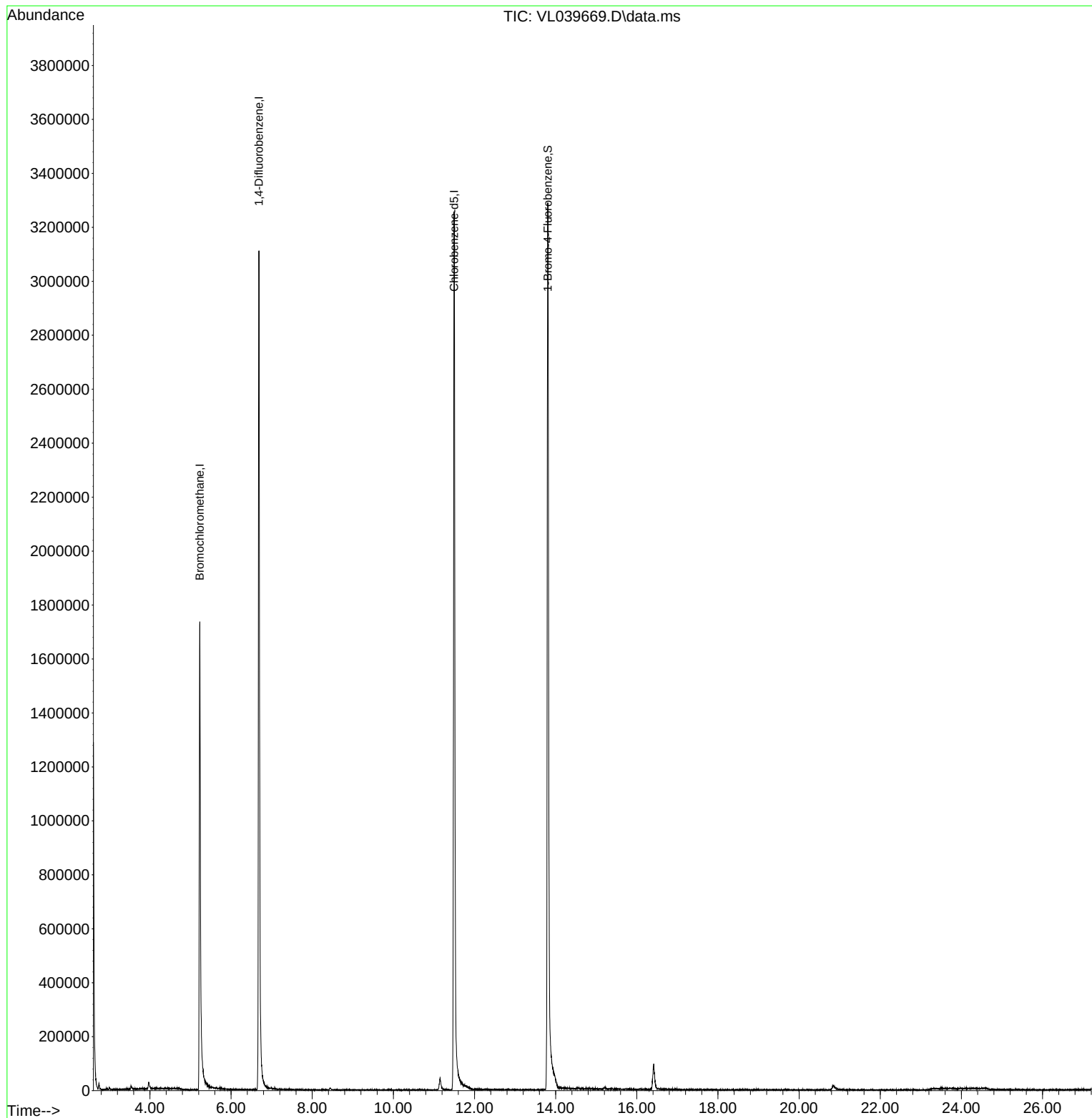
Target Compounds	Qvalue

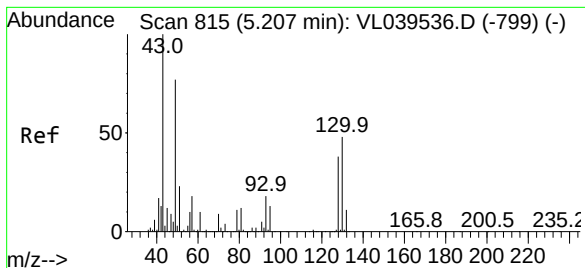
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
Data File : VL039669.D
Acq On : 22 Sep 2022 17:02
Operator : SY/AP
Sample : VL0922ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Quant Time: Sep 23 06:35:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

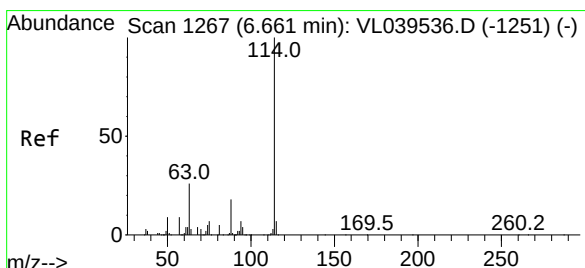
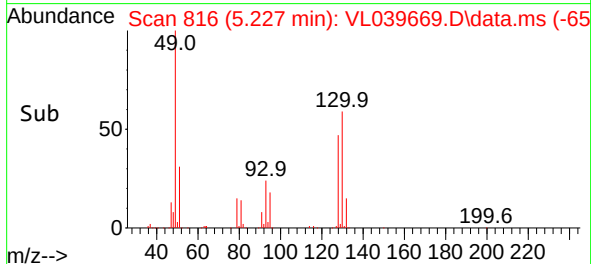
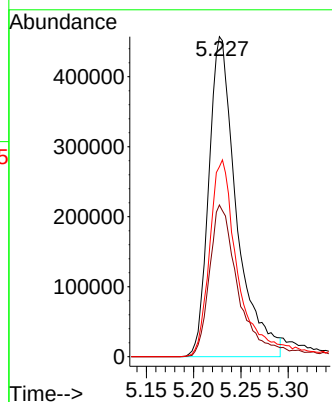
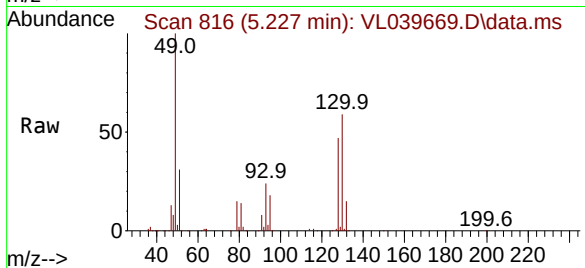




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.227 min Scan# 815
 Delta R.T. 0.020 min
 Lab File: VL039669.D
 Acq: 22 Sep 2022 17:02

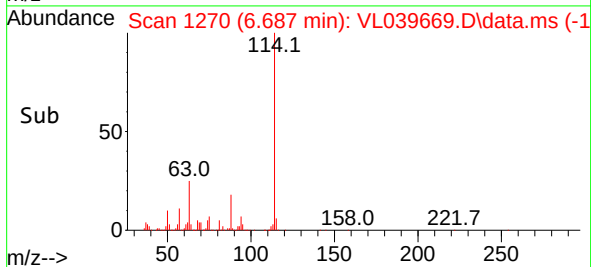
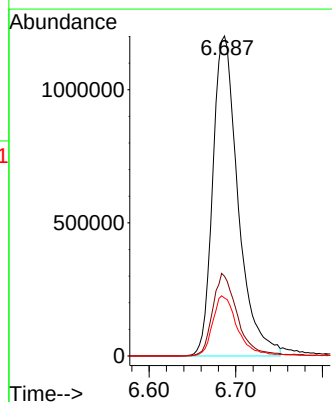
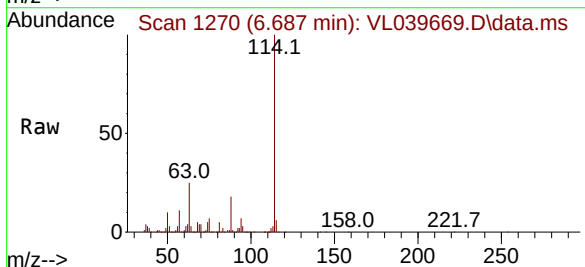
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABL01

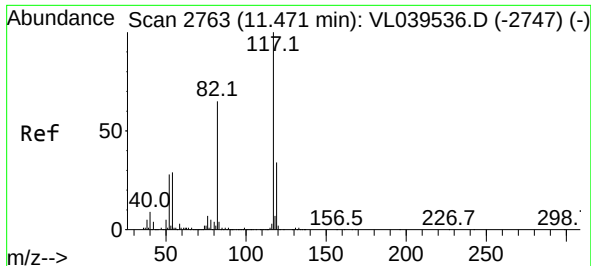
Tgt Ion: 49 Resp: 931925
 Ion Ratio Lower Upper
 49 100
 128 51.9 26.7 80.0
 130 66.2 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.687 min Scan# 1270
 Delta R.T. 0.026 min
 Lab File: VL039669.D
 Acq: 22 Sep 2022 17:02

Tgt Ion: 114 Resp: 2440305
 Ion Ratio Lower Upper
 114 100
 63 25.7 20.2 30.4
 88 18.8 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL039669.D

Acq: 22 Sep 2022 17:02

Instrument :

MSVOA_1

ClientSampleId :

VL0922ABL01

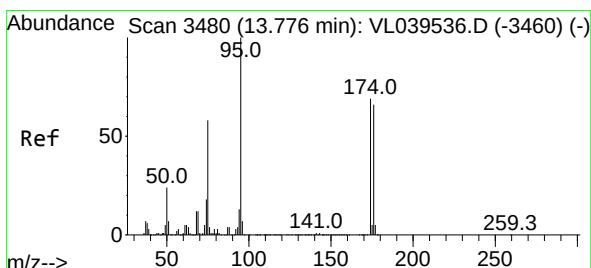
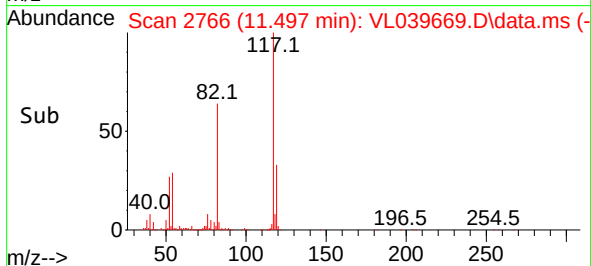
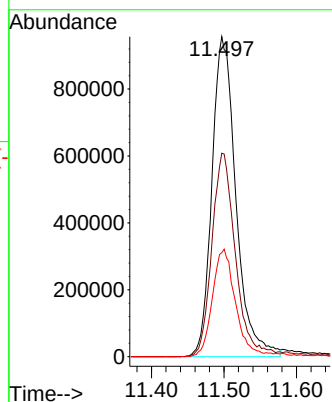
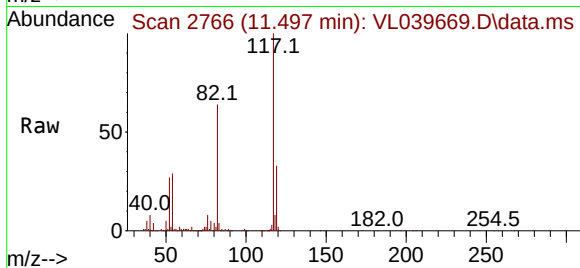
Tgt Ion:117 Resp: 2200020

Ion Ratio Lower Upper

117 100

82 64.8 50.8 76.2

119 33.2 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.918 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.030 min

Lab File: VL039669.D

Acq: 22 Sep 2022 17:02

Tgt Ion: 95 Resp: 1628823

Ion Ratio Lower Upper

95 100

174 73.3 55.9 83.9

175 5.3 4.2 6.4

