

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039583.D
 Acq On : 25 Aug 2022 18:21
 Operator : SY/AP
 Sample : N3980-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:33:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 07:33:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 08/29/2022
 Supervised By : Semsettin Yesilyurt 08/29/2022

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

Internal Standards						
1) Bromochloromethane	5.201	49	969495	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2512801	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2159636	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1595246	9.791	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds	Qvalue

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

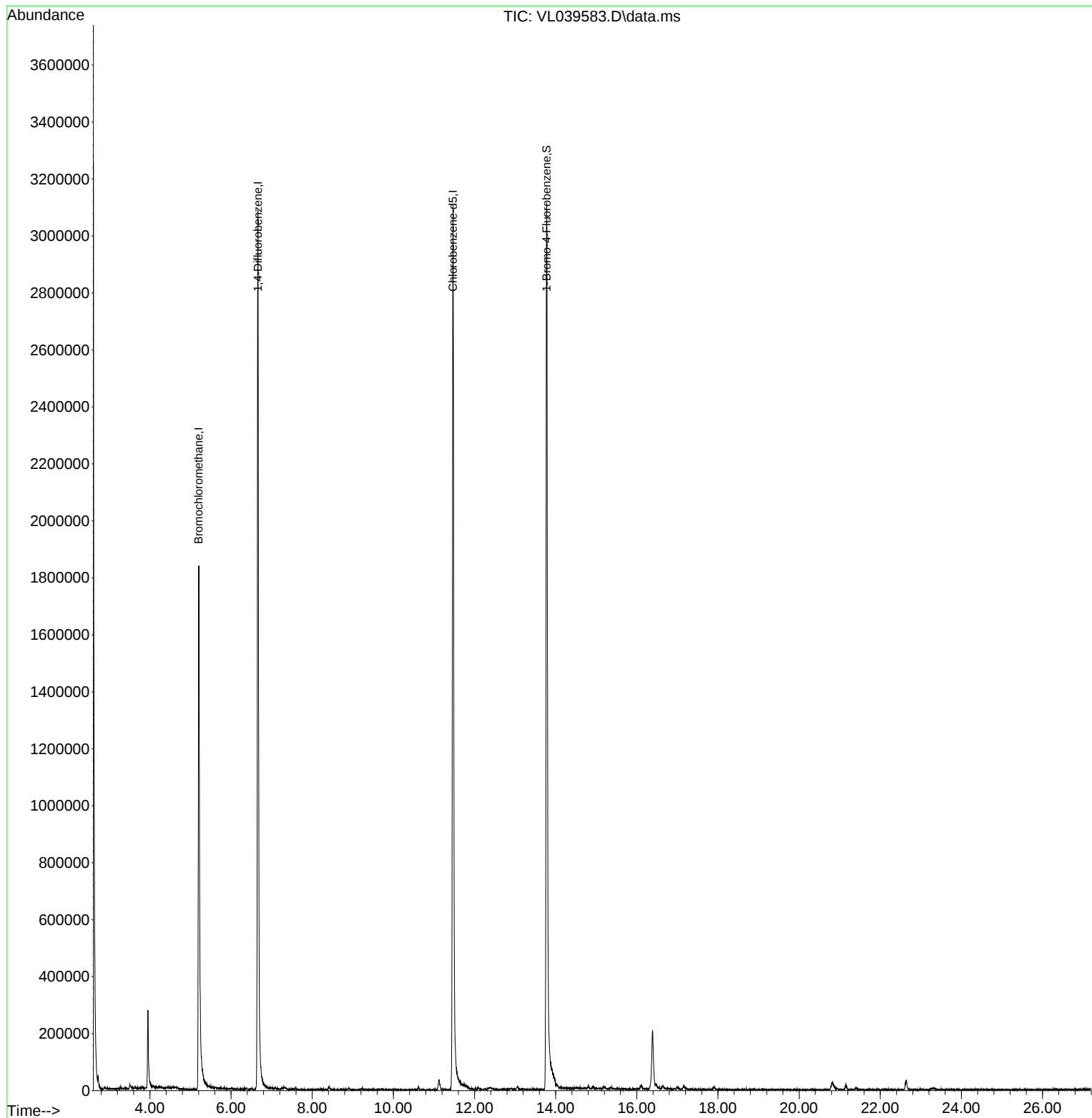
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
Data File : VL039583.D
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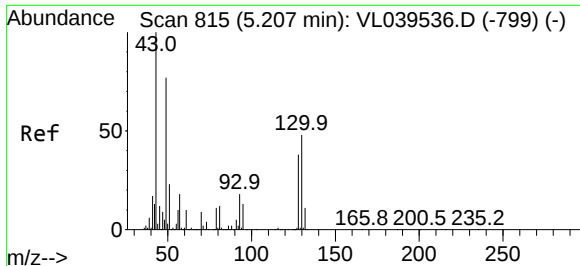
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:33:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
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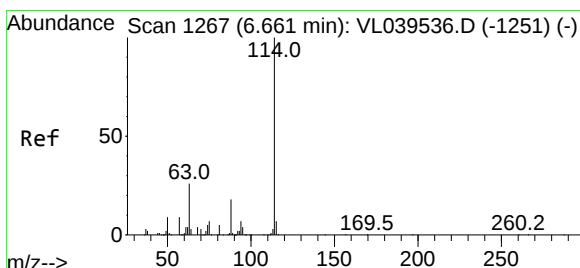
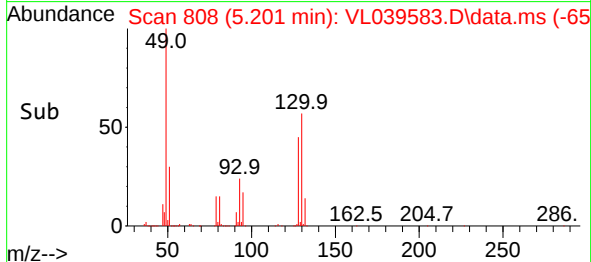
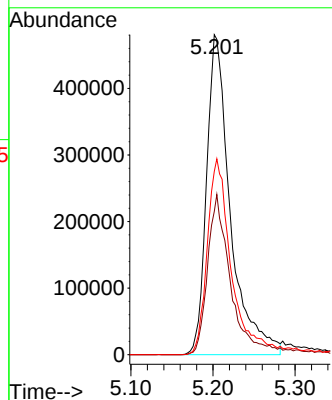
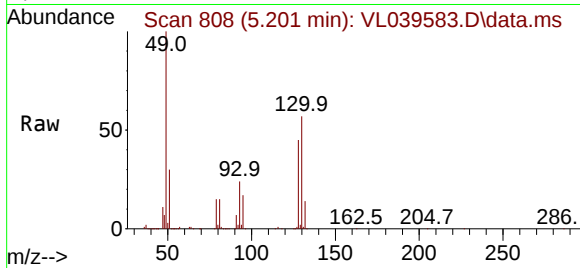
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.006 min
Lab File: VL039583.D
Acq: 25 Aug 2022 18:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 49 Resp: 96949
Ion Ratio Lower Upper
49 100
128 50.1 26.7 80.0
130 64.0 34.3 102.8

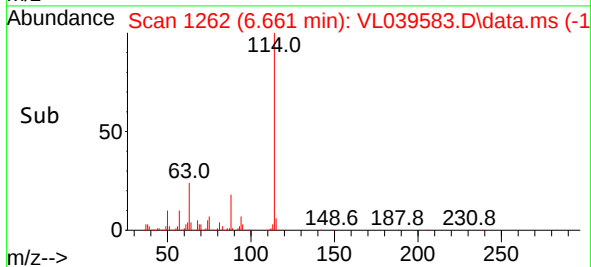
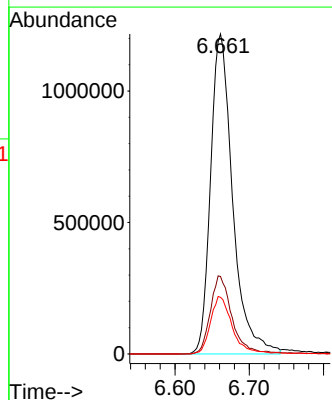
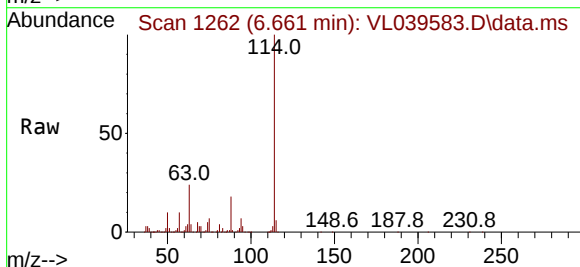
Manual Integrations
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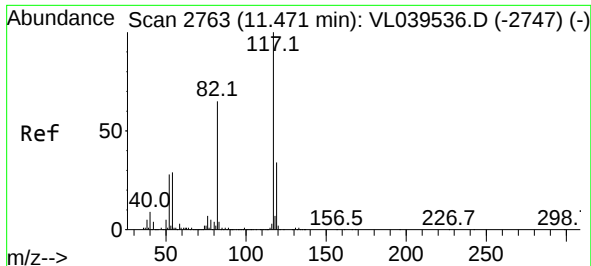
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.001 min
Lab File: VL039583.D
Acq: 25 Aug 2022 18:21

Tgt Ion:114 Resp: 2512801
Ion Ratio Lower Upper
114 100
63 24.3 20.2 30.4
88 18.0 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039583.D

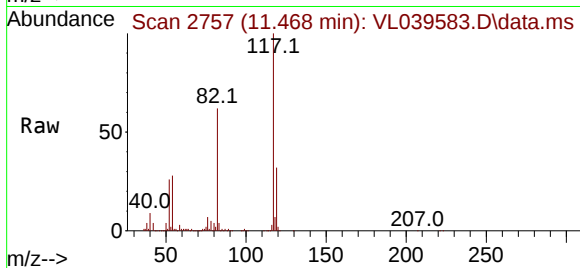
Acq: 25 Aug 2022 18:21

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion: 117 Resp: 215963

Ion Ratio Lower Upper

117 100

82 63.1 50.8 76.2

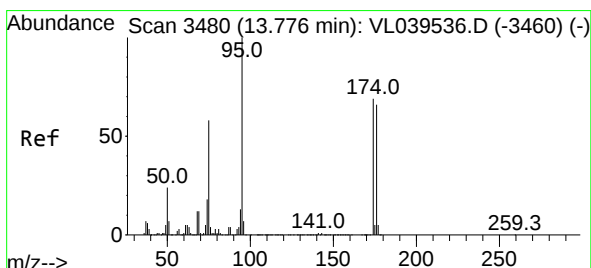
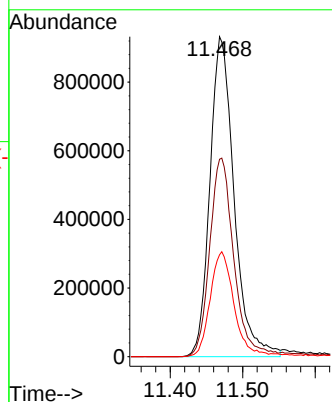
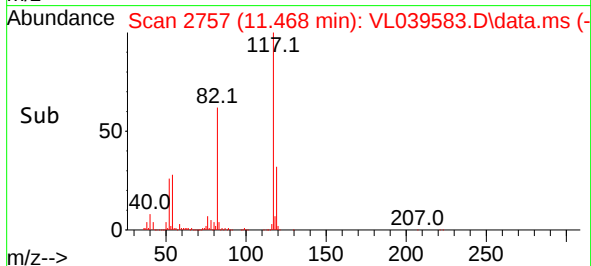
119 33.4 24.1 36.1

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.791 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.001 min

Lab File: VL039583.D

Acq: 25 Aug 2022 18:21

Tgt Ion: 95 Resp: 1595246

Ion Ratio Lower Upper

95 100

174 74.0 55.9 83.9

175 5.2 4.2 6.4

