

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040465.D
 Acq On : 15 Jun 2023 13:13
 Operator : SY/MD
 Sample : VL0615ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABL01

Quant Time: Jun 16 05:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1008615	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2513403	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2185961	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.793	95	1814035	10.055	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

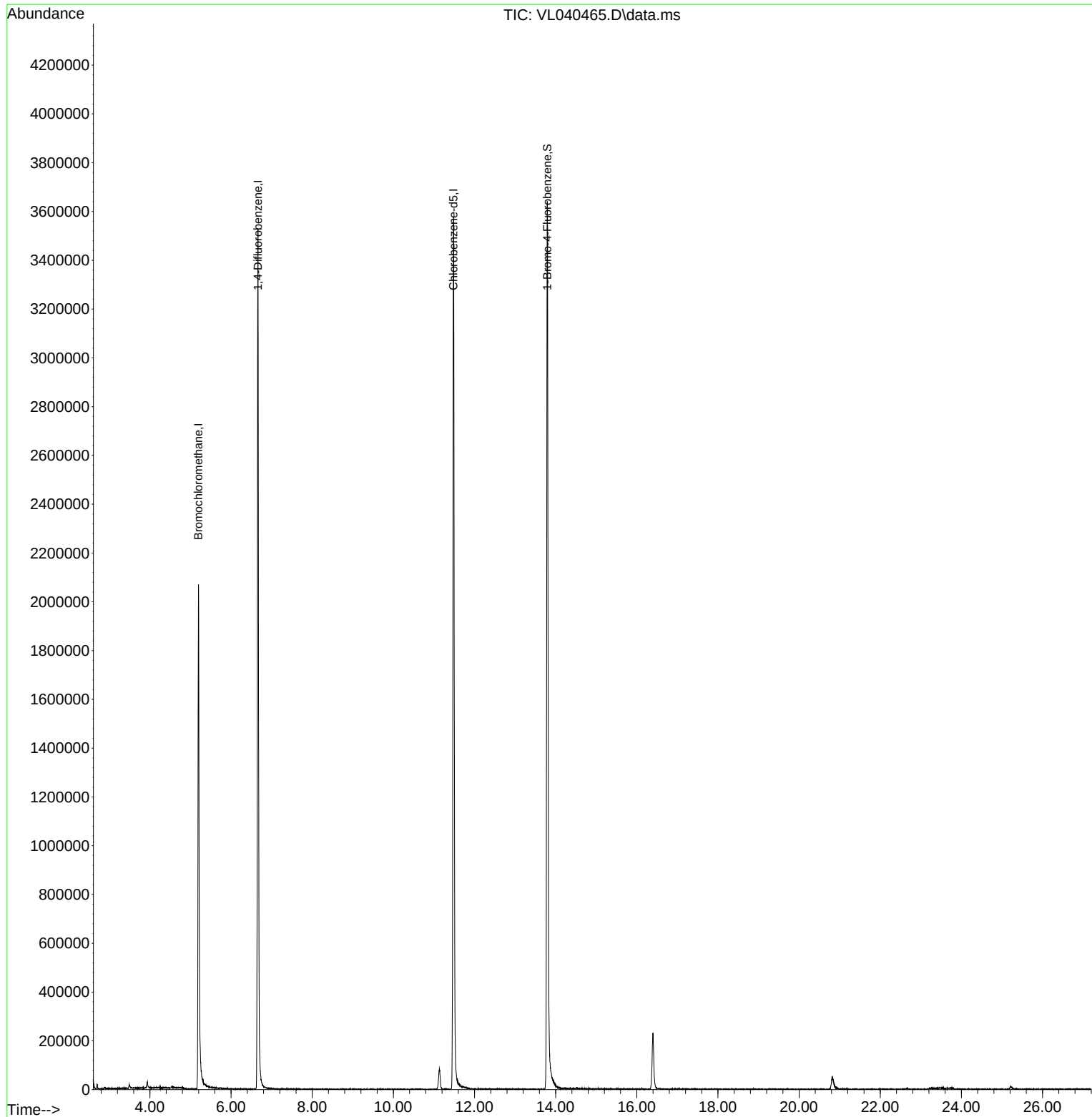
Target Compounds	Qvalue

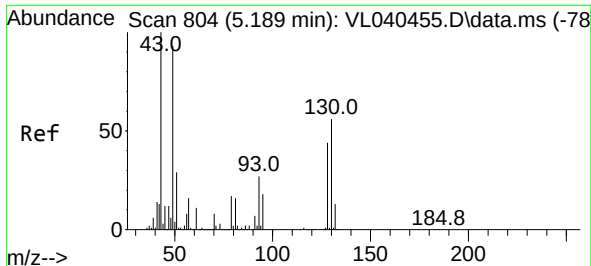
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

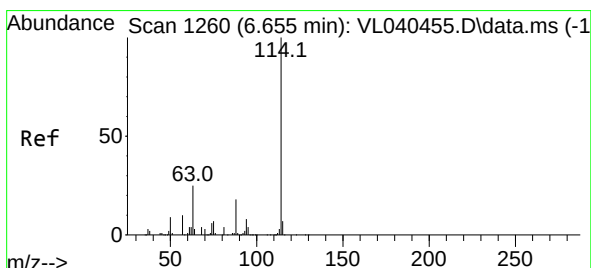
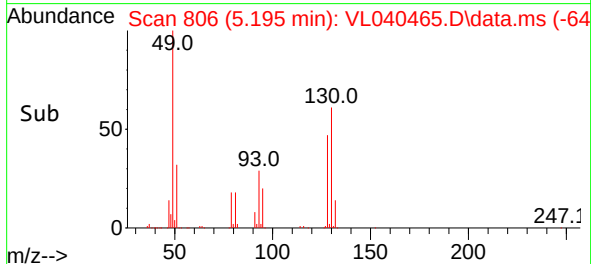
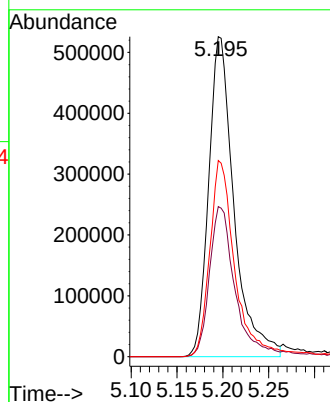
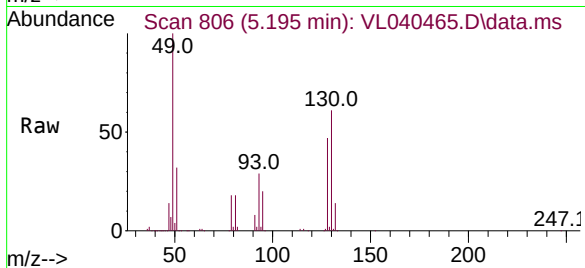




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 804
 Delta R.T. 0.006 min
 Lab File: VL040465.D
 Acq: 15 Jun 2023 13:13

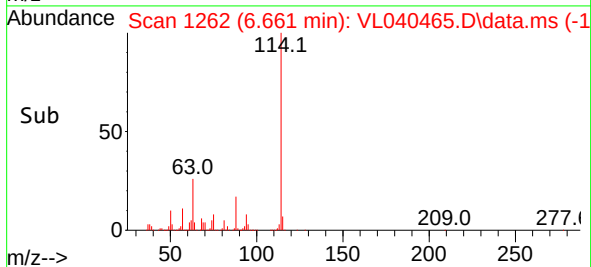
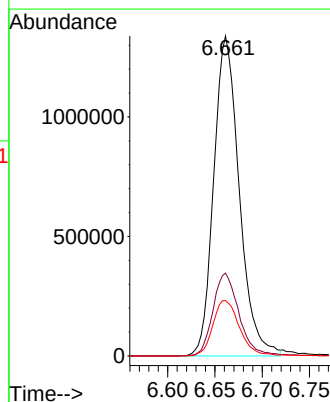
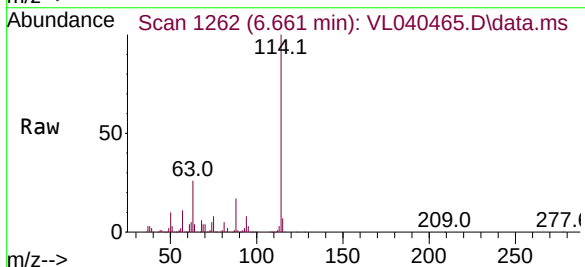
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0615ABL01

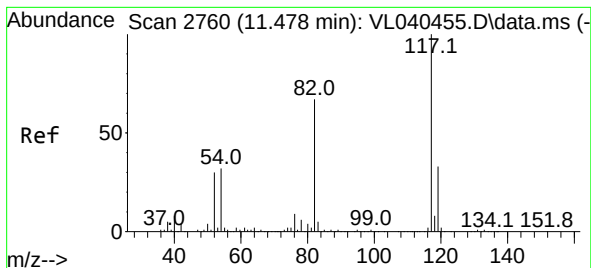
Tgt Ion: 49 Resp: 1008615
 Ion Ratio Lower Upper
 49 100
 128 49.1 24.7 74.1
 130 62.5 31.4 94.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.661 min Scan# 1262
 Delta R.T. 0.006 min
 Lab File: VL040465.D
 Acq: 15 Jun 2023 13:13

Tgt Ion: 114 Resp: 2513403
 Ion Ratio Lower Upper
 114 100
 63 26.8 21.0 31.6
 88 18.3 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040465.D

Acq: 15 Jun 2023 13:13

Instrument :

MSVOA_1

ClientSampleId :

VL0615ABL01

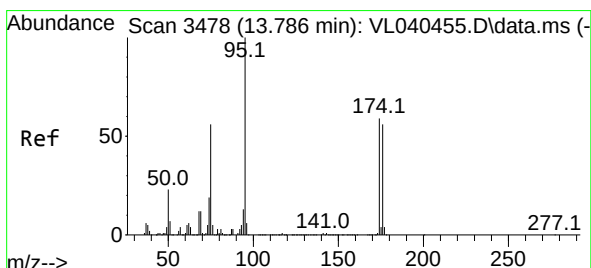
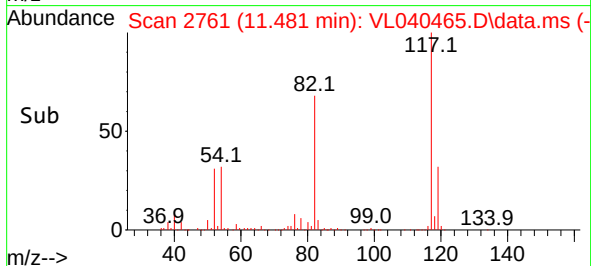
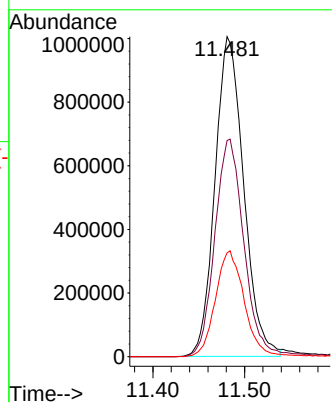
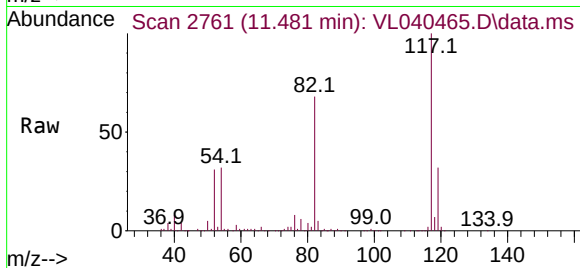
Tgt Ion:117 Resp: 2185961

Ion Ratio Lower Upper

117 100

82 70.2 53.0 79.4

119 33.6 24.4 36.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.055 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.006 min

Lab File: VL040465.D

Acq: 15 Jun 2023 13:13

Tgt Ion: 95 Resp: 1814035

Ion Ratio Lower Upper

95 100

174 60.2 47.7 71.5

175 4.2 3.5 5.3

