

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041196.D
 Acq On : 2 May 2024 15:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 03 03:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

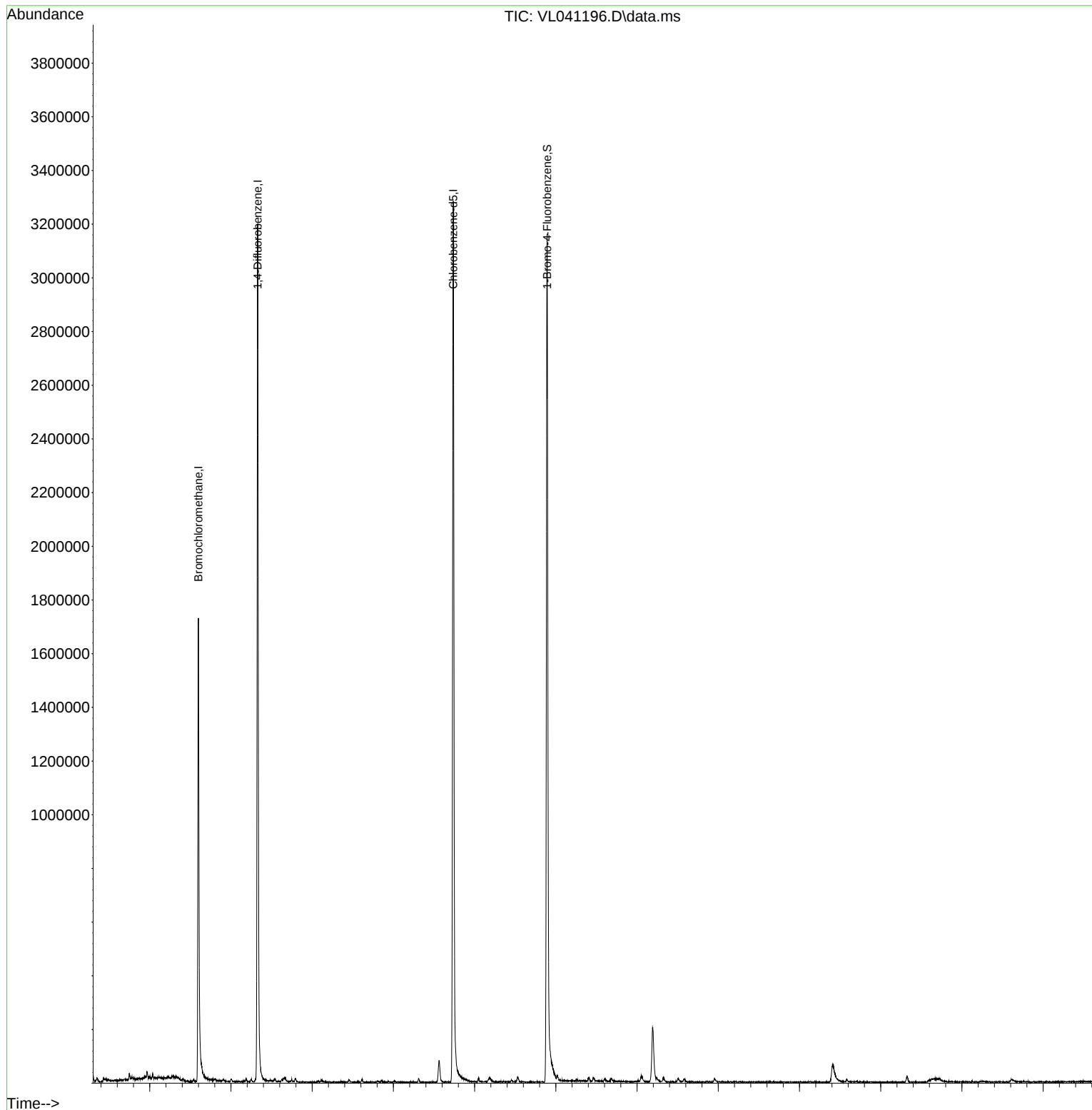
Internal Standards						
1) Bromochloromethane	5.195	49	956294	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2442977	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2210583	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1665395	9.979	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
20) Methylene Chloride	3.931	84	7719	0.197	ppbv	Qvalue 85

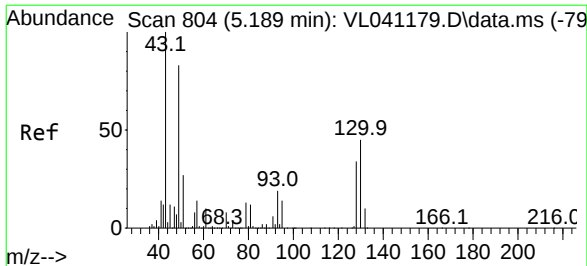
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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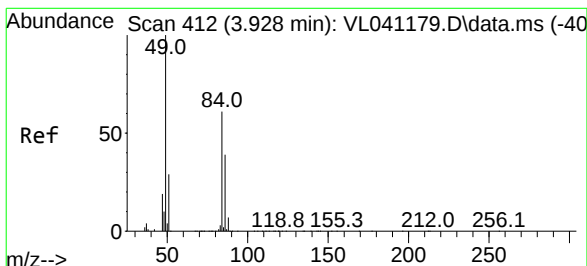
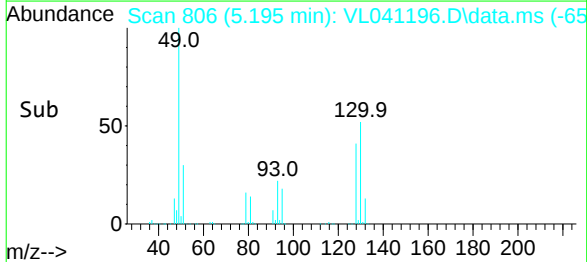
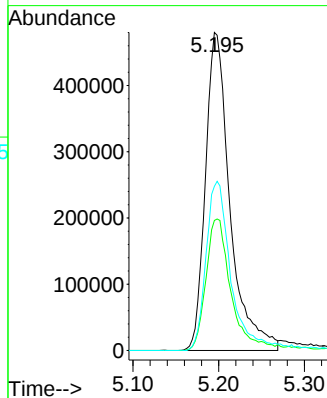
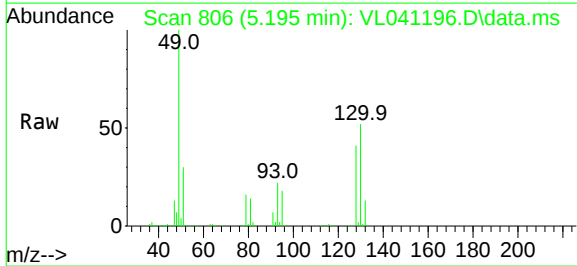




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041196.D
Acq: 2 May 2024 15:13

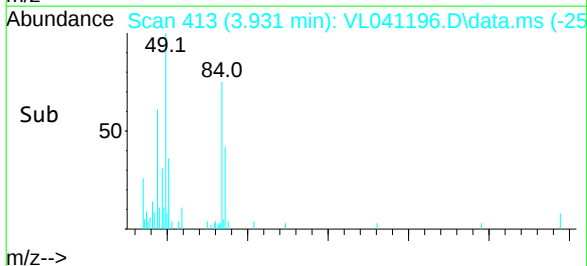
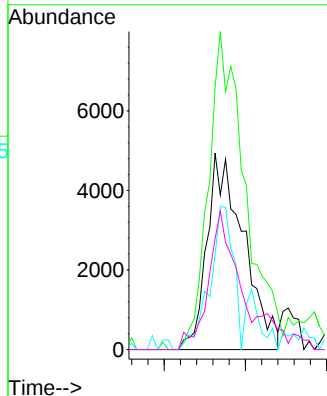
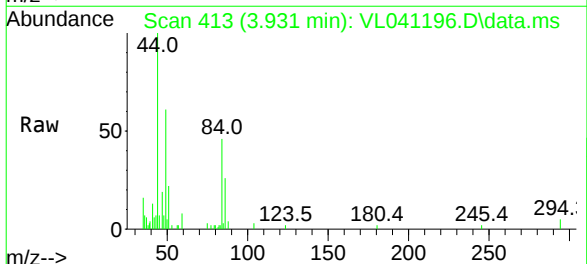
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

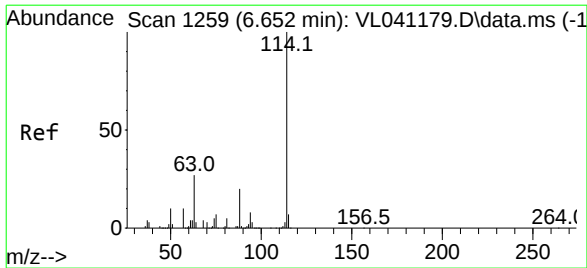
Tgt Ion: 49 Resp: 956294
Ion Ratio Lower Upper
49 100
128 43.7 21.5 64.5
130 57.2 27.2 81.6



#20
Methylene Chloride
Concen: 0.197 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041196.D
Acq: 2 May 2024 15:13

Tgt Ion: 84 Resp: 7719
Ion Ratio Lower Upper
84 100
49 133.6 130.4 195.6
51 48.3 38.0 57.0
86 56.5 50.3 75.5

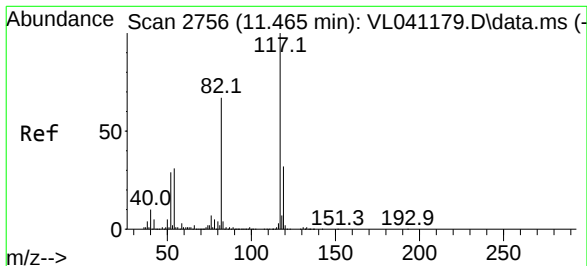
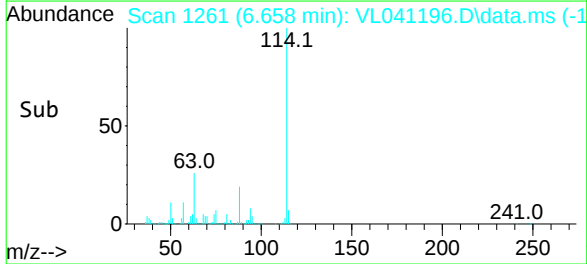
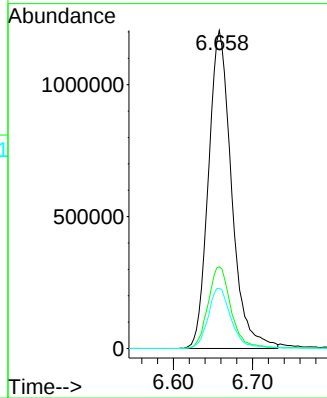
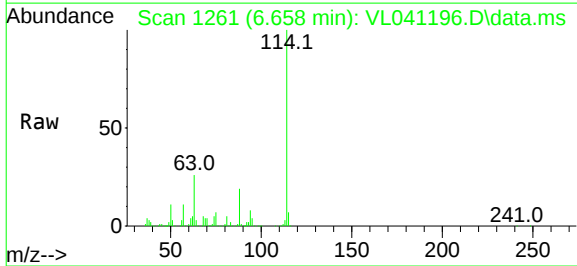




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041196.D
Acq: 2 May 2024 15:13

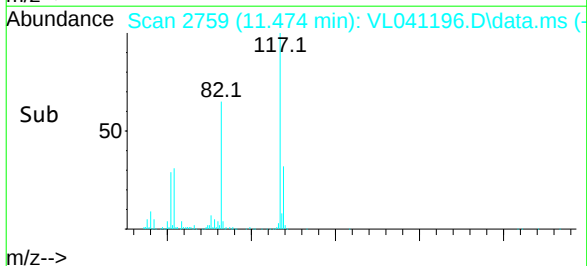
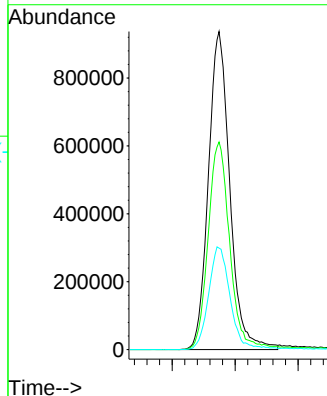
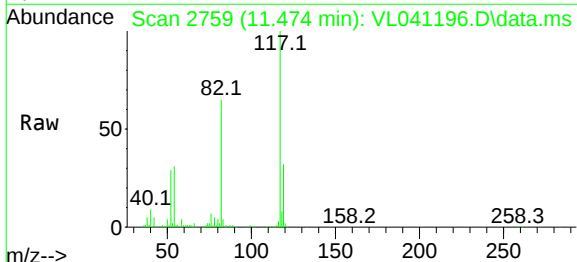
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 2442977
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 19.1 15.2 22.8

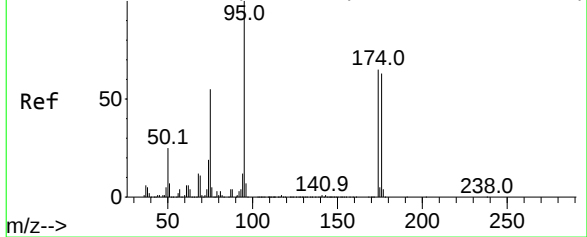


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.010 min
Lab File: VL041196.D
Acq: 2 May 2024 15:13

Tgt Ion:117 Resp: 2210583
Ion Ratio Lower Upper
117 100
82 67.3 53.6 80.4
119 33.0 27.2 40.8



Abundance Scan 3475 (13.777 min): VL041179.D\data.ms (-



#68

1-Bromo-4-Fluorobenzene

Concen: 9.979 ppbv

RT: 13.786 min Scan# 34

Delta R.T. 0.013 min

Lab File: VL041196.D

Acq: 2 May 2024 15:13

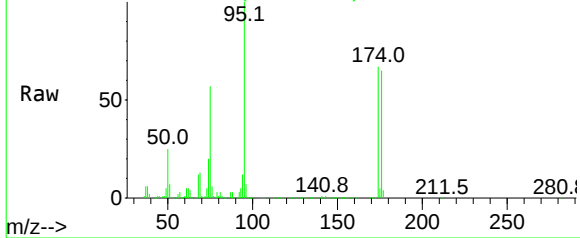
Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Abundance Scan 3478 (13.786 min): VL041196.D\data.ms (-



Tgt Ion: 95 Resp: 1665395

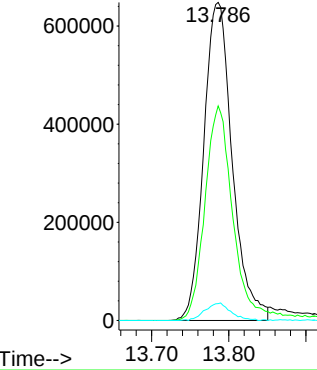
Ion Ratio Lower Upper

95 100

174 68.9 53.6 80.4

175 5.1 4.2 6.4

Abundance



Abundance Scan 3478 (13.786 min): VL041196.D\data.ms (-

