

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040375.D
 Acq On : 19 Apr 2023 11:32
 Operator : SY/MD
 Sample : VL0419ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABL01

Quant Time: Apr 20 05:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1105612	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2850308	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2519040	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	1986454	9.536	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%

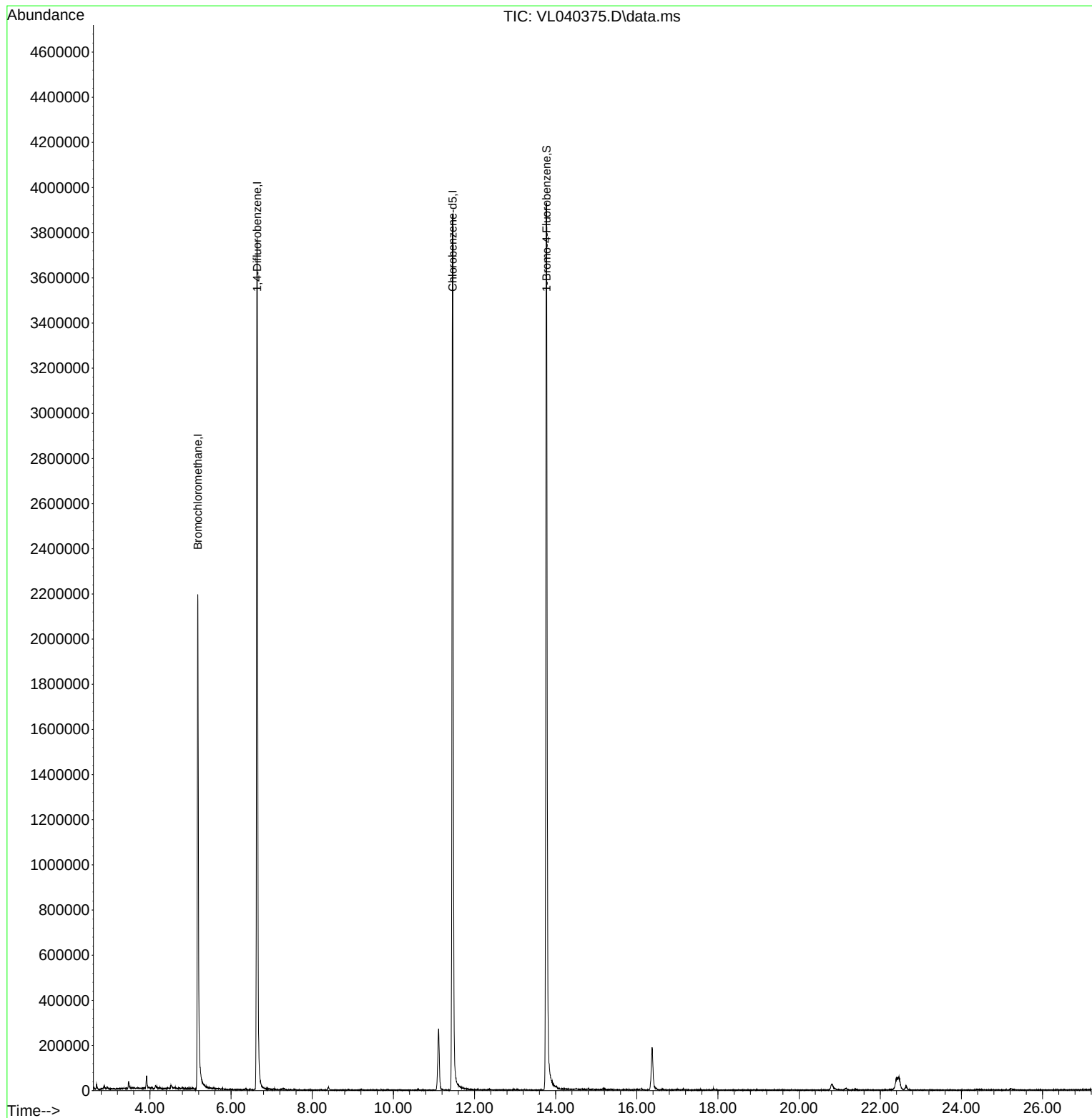
Target Compounds	Qvalue

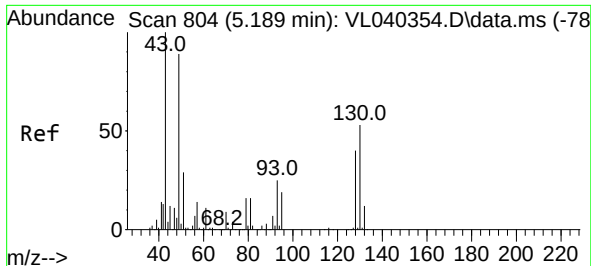
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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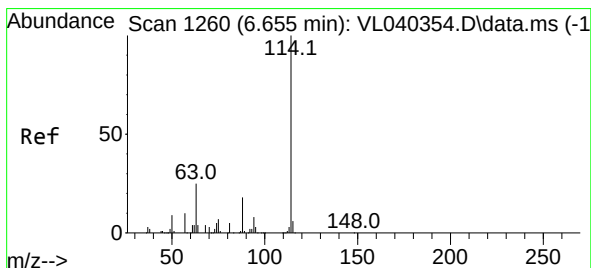
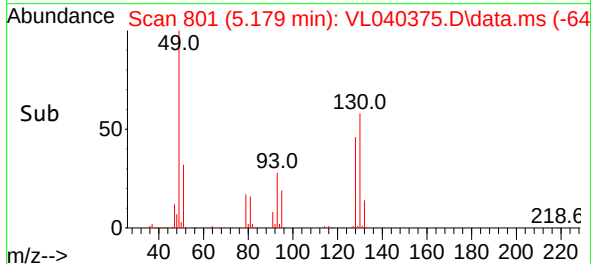
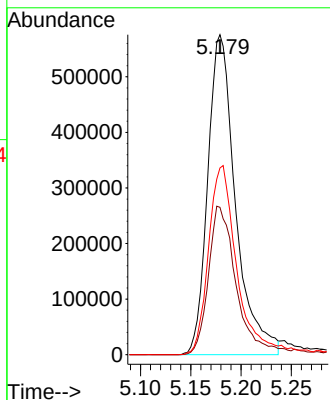
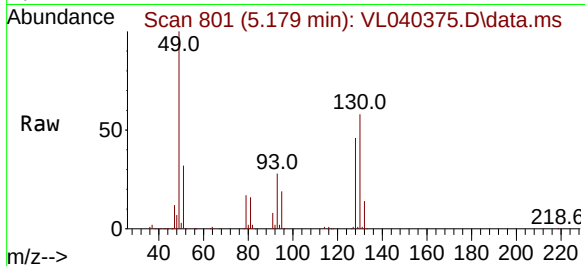




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 804
 Delta R.T. -0.010 min
 Lab File: VL040375.D
 Acq: 19 Apr 2023 11:32

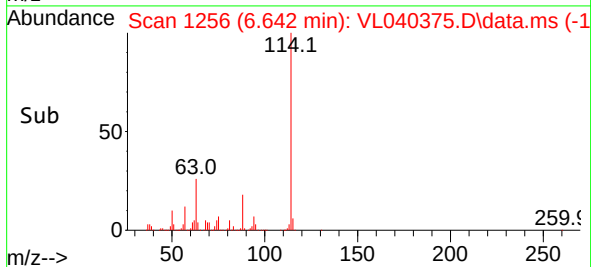
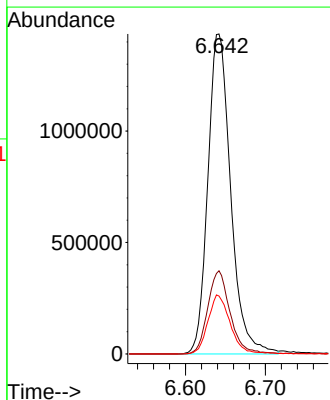
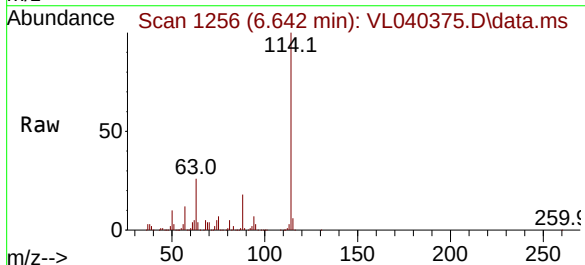
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABL01

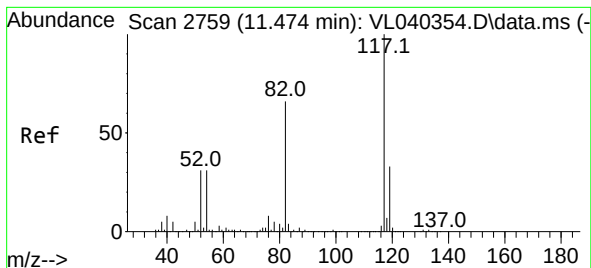
Tgt Ion: 49 Resp: 1105612
 Ion Ratio Lower Upper
 49 100
 128 47.5 23.7 71.1
 130 62.9 29.9 89.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 1256
 Delta R.T. -0.013 min
 Lab File: VL040375.D
 Acq: 19 Apr 2023 11:32

Tgt Ion: 114 Resp: 2850308
 Ion Ratio Lower Upper
 114 100
 63 25.7 21.4 32.0
 88 18.1 14.6 22.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: VL040375.D

Acq: 19 Apr 2023 11:32

Instrument :

MSVOA_1

ClientSampleId :

VL0419ABL01

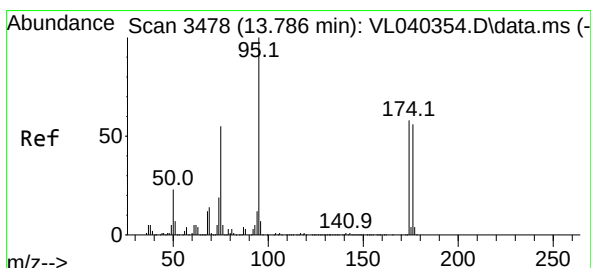
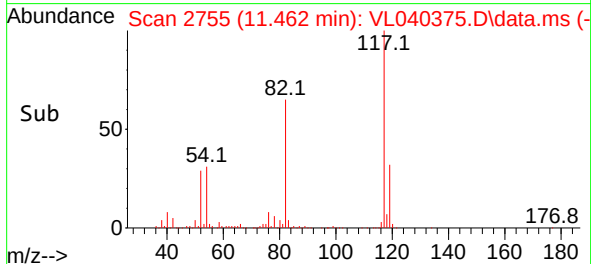
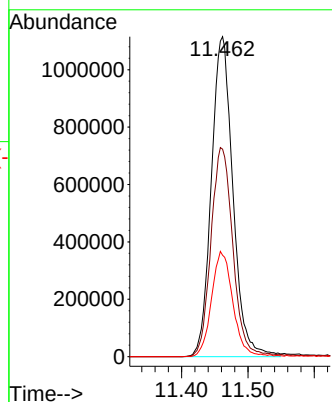
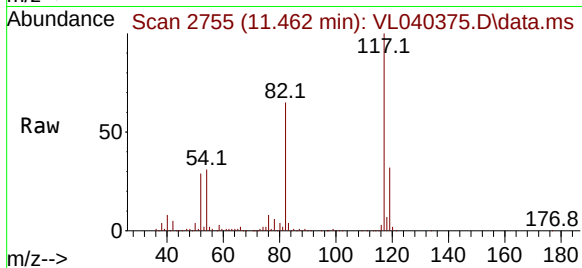
Tgt Ion:117 Resp: 2519040

Ion Ratio Lower Upper

117 100

82 67.4 52.5 78.7

119 32.7 24.3 36.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.536 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. -0.013 min

Lab File: VL040375.D

Acq: 19 Apr 2023 11:32

Tgt Ion: 95 Resp: 1986454

Ion Ratio Lower Upper

95 100

174 60.2 47.2 70.8

175 4.2 3.5 5.3

