

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040319.D
 Acq On : 10 Apr 2023 11:09
 Operator : SY/MD
 Sample : VL0410ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABL01

Quant Time: Apr 11 02:06:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1052909	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.616	114	2677156	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.433	117	2364034	10.000	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.744	95	1917023	9.683	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

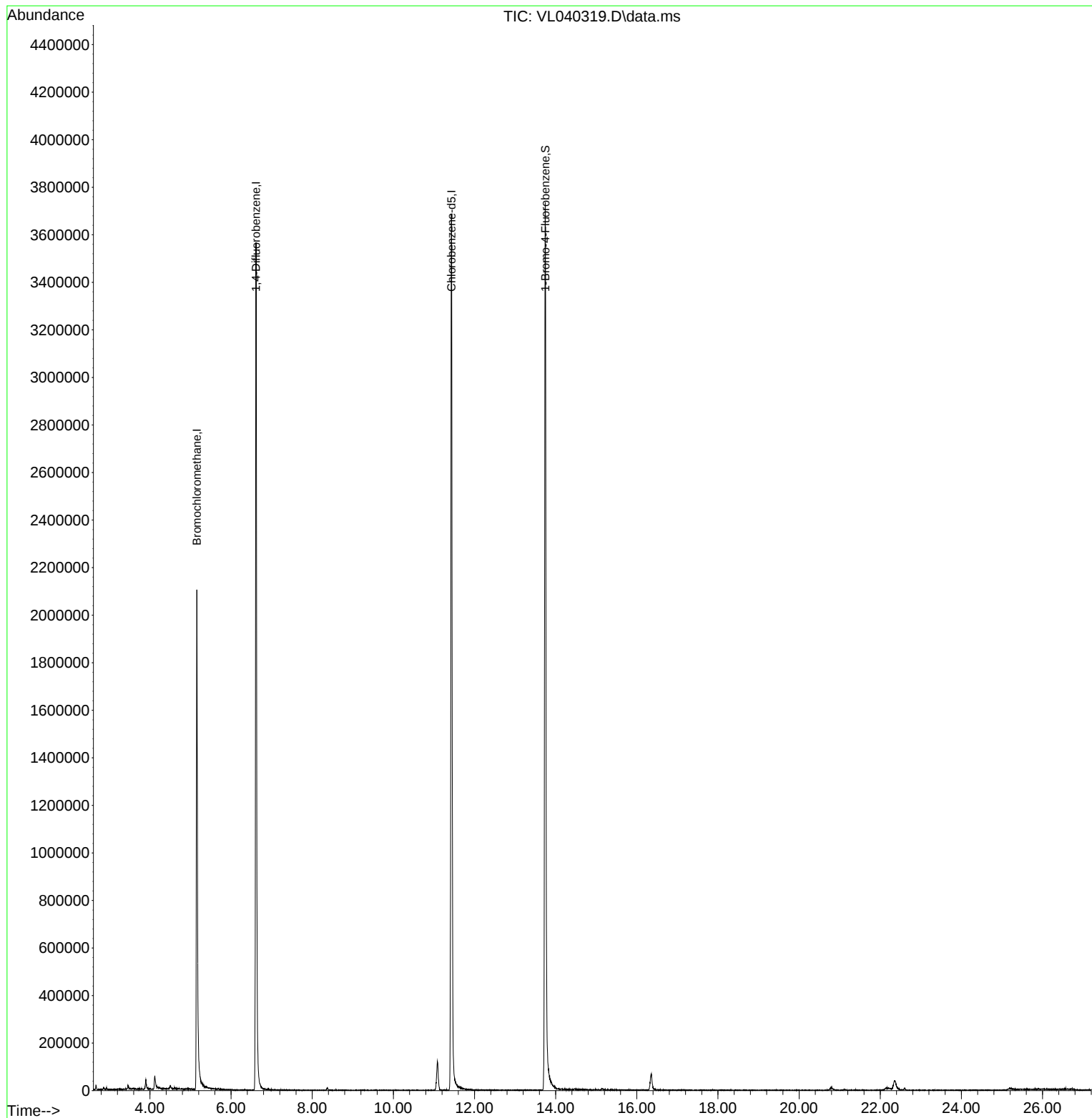
Target Compounds	Qvalue

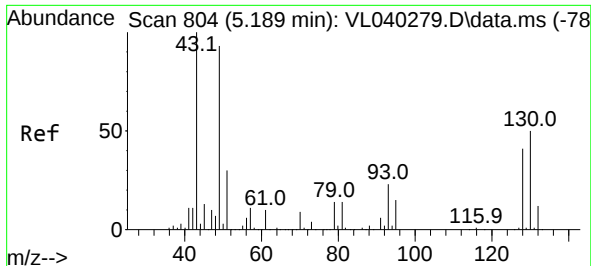
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 02:06:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

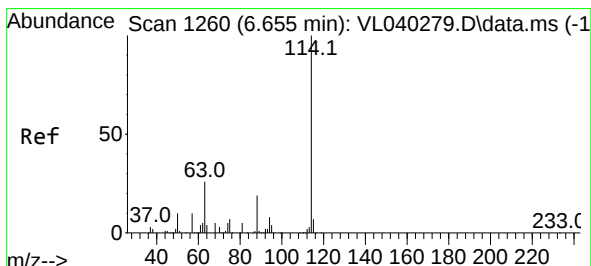
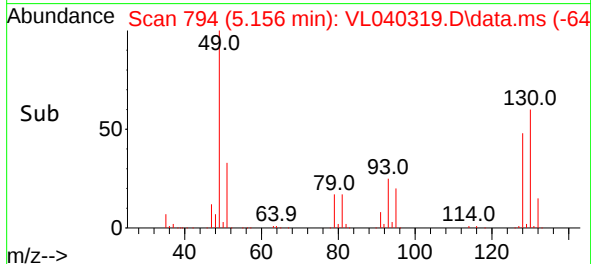
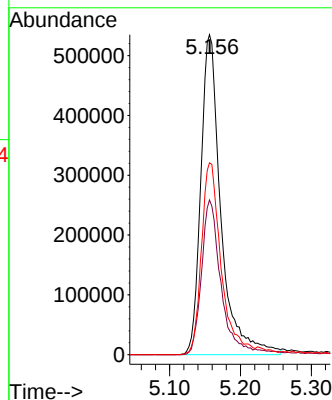
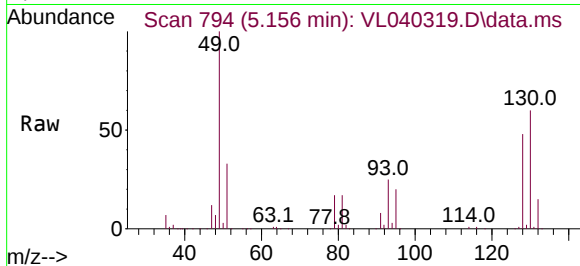




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. -0.033 min
Lab File: VL040319.D
Acq: 10 Apr 2023 11:09

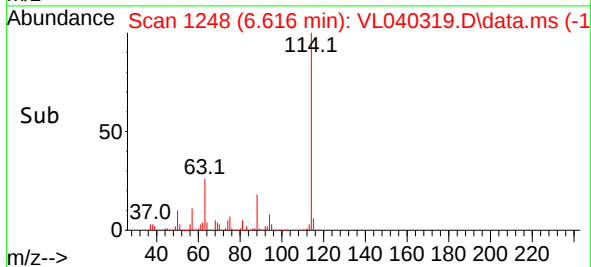
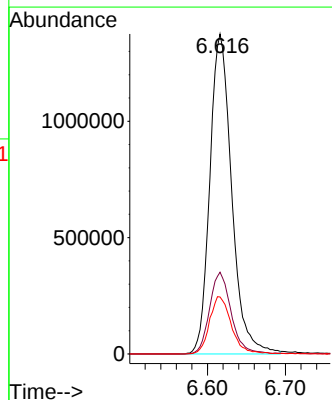
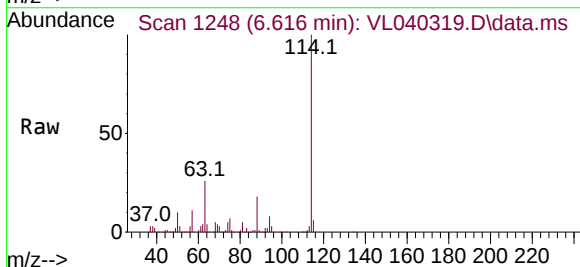
Instrument :
MSVOA_1
ClientSampleId :
VL0410ABL01

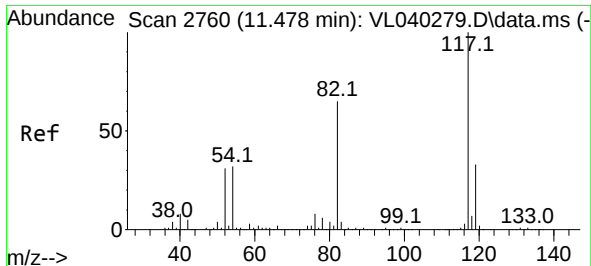
Tgt Ion: 49 Resp: 1052909
Ion Ratio Lower Upper
49 100
128 48.8 22.4 67.3
130 61.3 28.7 86.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.039 min
Lab File: VL040319.D
Acq: 10 Apr 2023 11:09

Tgt Ion: 114 Resp: 2677156
Ion Ratio Lower Upper
114 100
63 25.6 21.2 31.8
88 18.0 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.433 min Scan# 21

Delta R.T. -0.045 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABL01

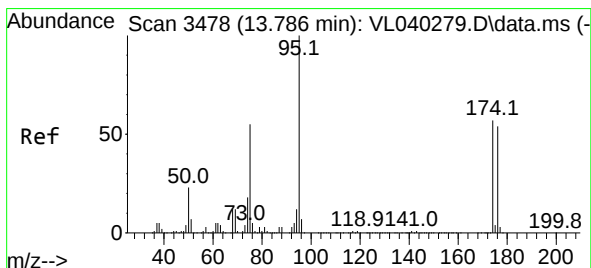
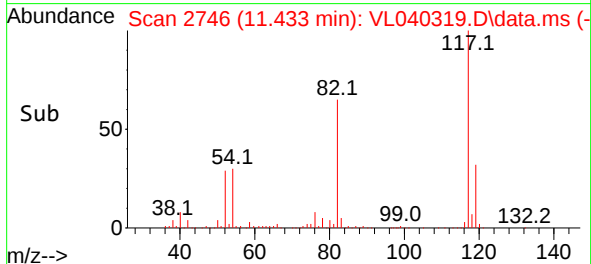
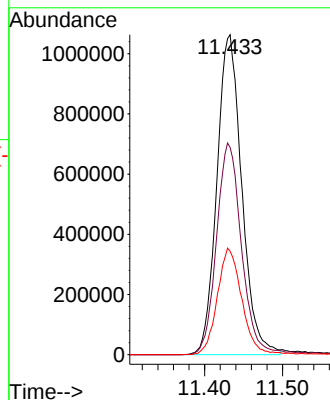
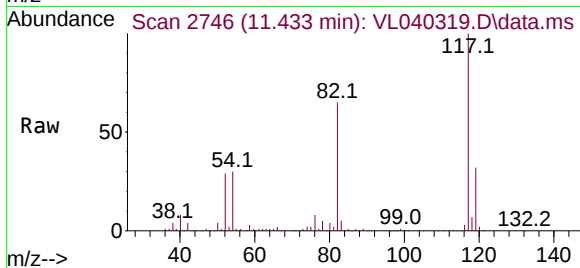
Tgt Ion:117 Resp: 2364034

Ion Ratio Lower Upper

117 100

82 67.3 51.4 77.2

119 33.2 24.0 36.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.683 ppbv

RT: 13.744 min Scan# 3465

Delta R.T. -0.042 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Tgt Ion: 95 Resp: 1917023

Ion Ratio Lower Upper

95 100

174 60.3 47.0 70.6

175 4.2 3.4 5.2

