

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040247.D
 Acq On : 8 Mar 2023 10:11
 Operator : SY/MD
 Sample : VL0308ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABL01

Quant Time: Mar 09 04:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	878209	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.635	114	2477251	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2067941	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	1642114	9.657	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%

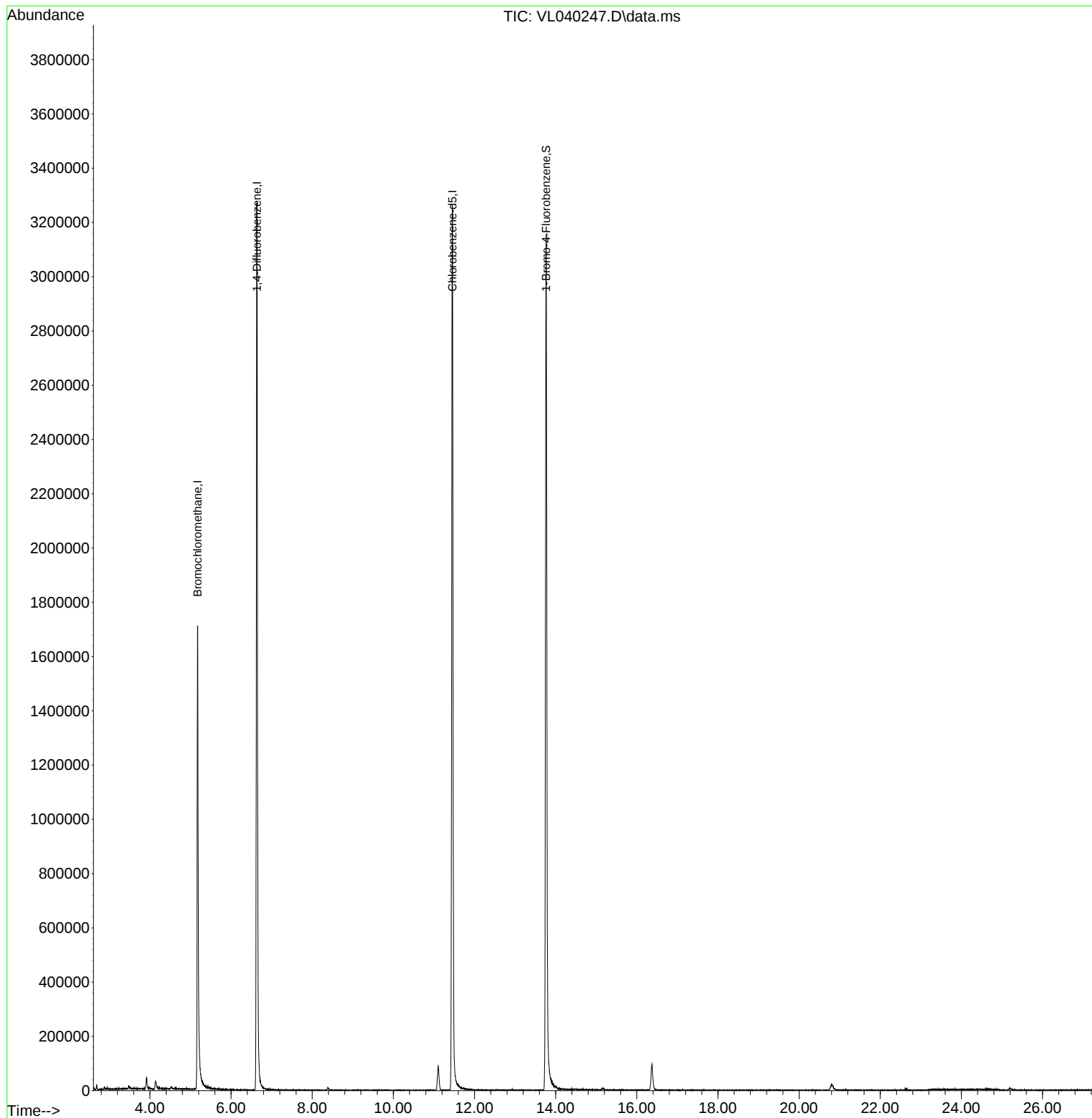
Target Compounds	Qvalue

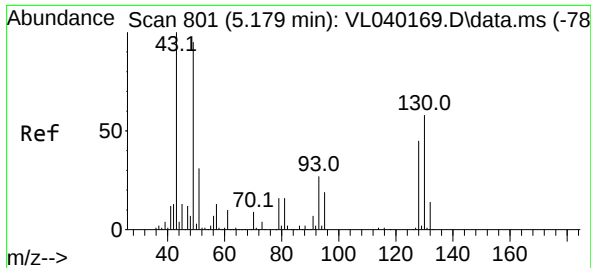
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 04:09:35 2023
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

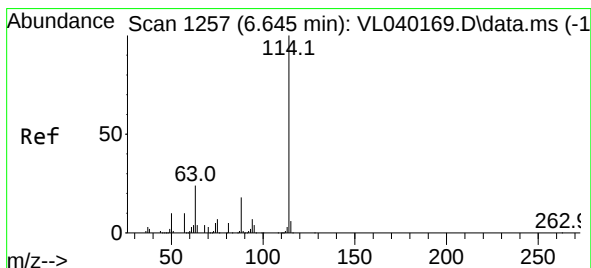
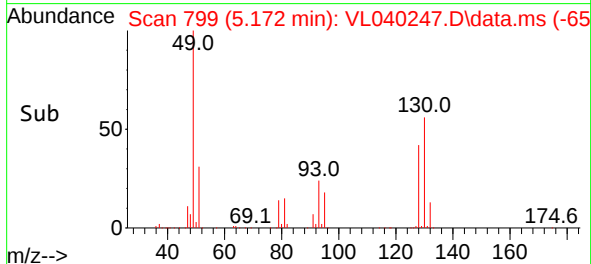
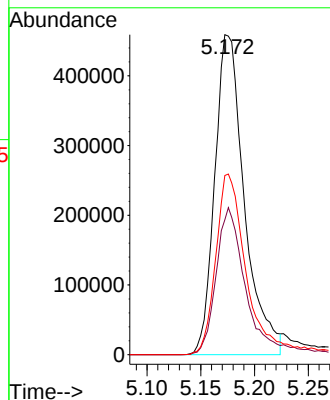
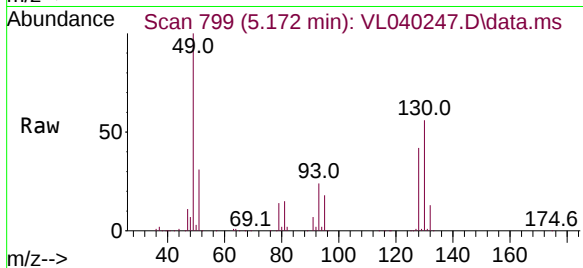




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.029 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

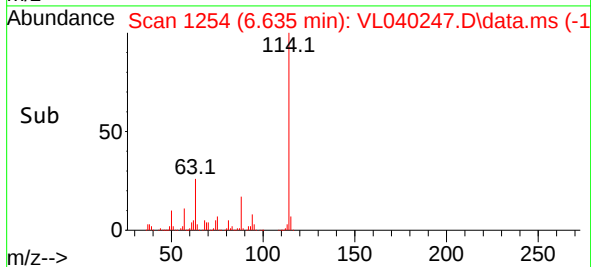
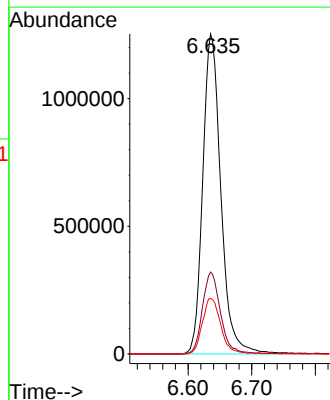
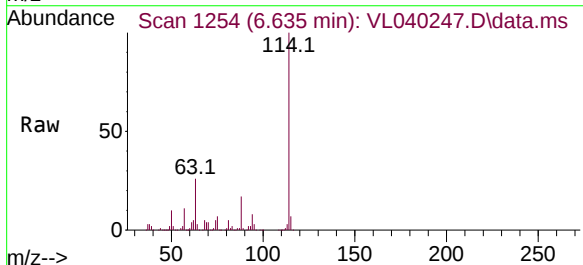
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABL01

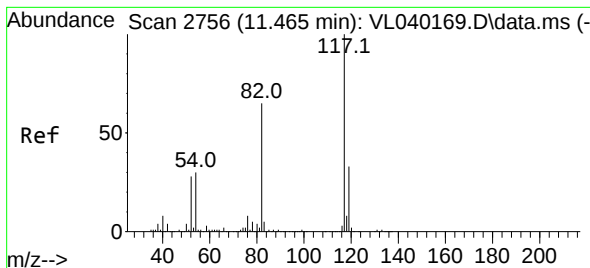
Tgt Ion: 49 Resp: 878209
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 60.3 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.029 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Tgt Ion: 114 Resp: 2477251
Ion Ratio Lower Upper
114 100
63 25.7 20.4 30.6
88 17.8 14.3 21.5

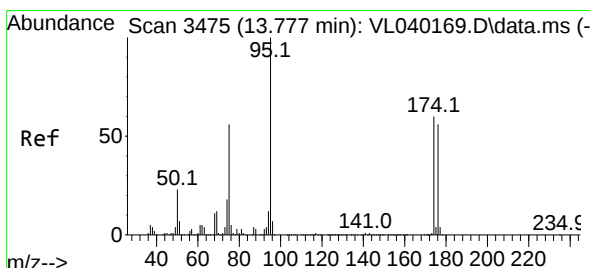
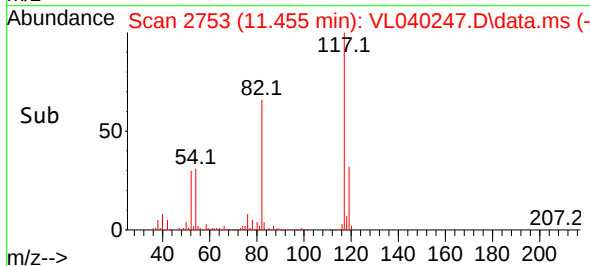
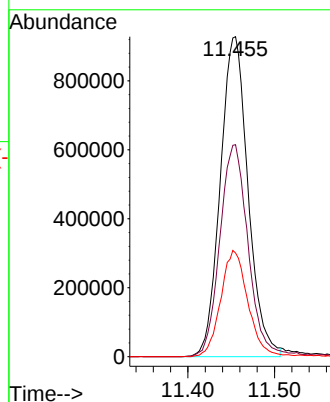
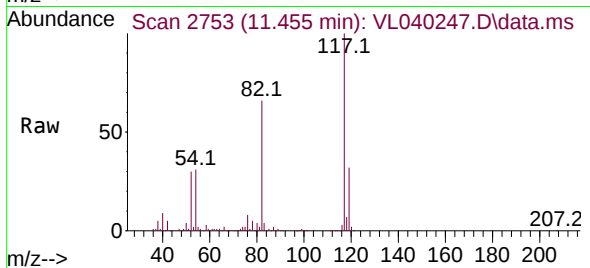




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0308ABL01

Tgt Ion:117 Resp: 2067941
Ion Ratio Lower Upper
117 100
82 68.7 53.3 79.9
119 33.1 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.657 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.032 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Tgt Ion: 95 Resp: 1642114
Ion Ratio Lower Upper
95 100
174 59.2 48.2 72.2
175 4.2 3.4 5.2

