

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040420.D
 Acq On : 12 May 2023 16:08
 Operator : SY/MD
 Sample : VL0512ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABL01

Quant Time: May 15 00:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.182	49	1059023	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2702379	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2371674	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1843460	9.400	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%

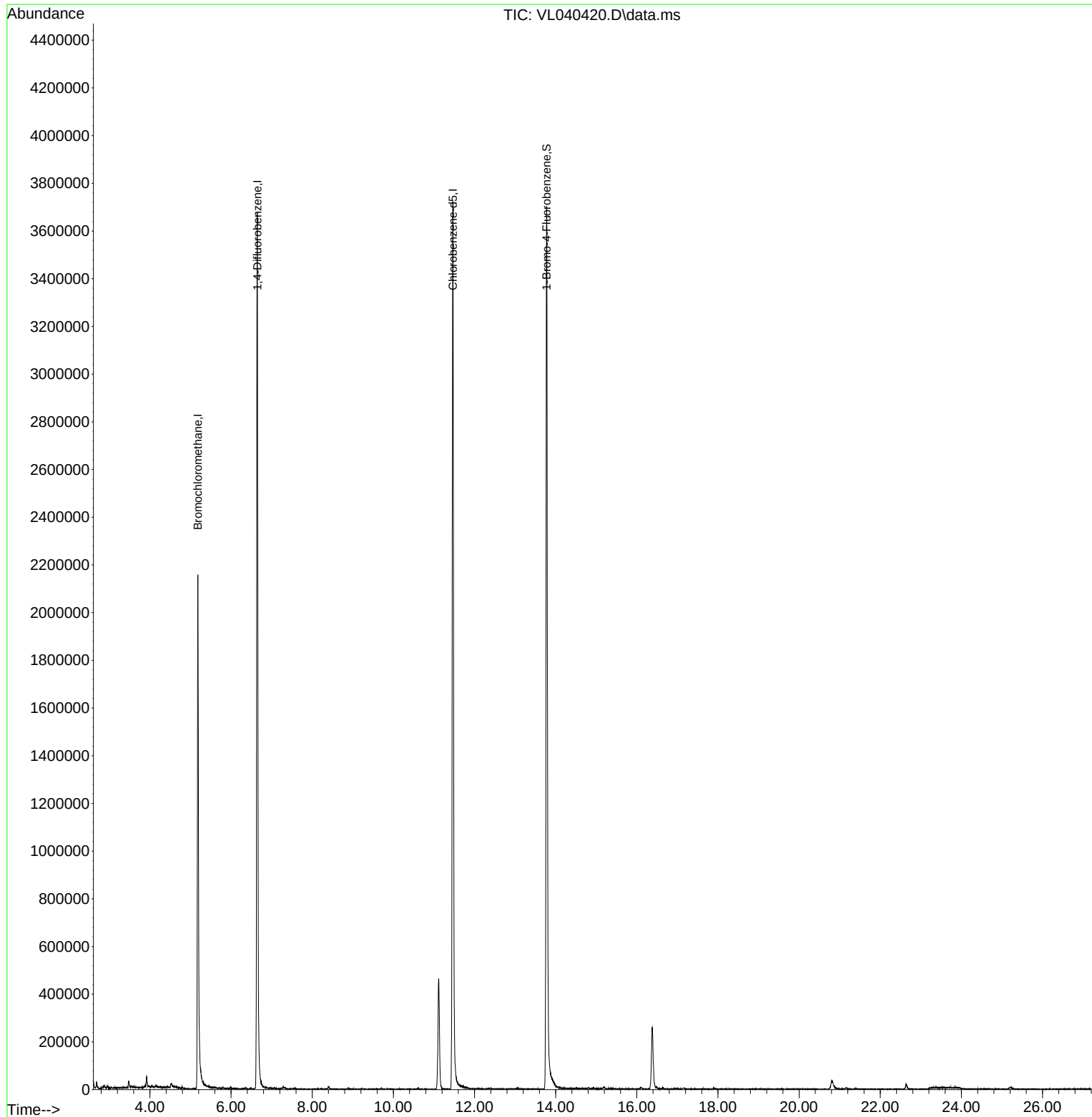
Target Compounds	Qvalue

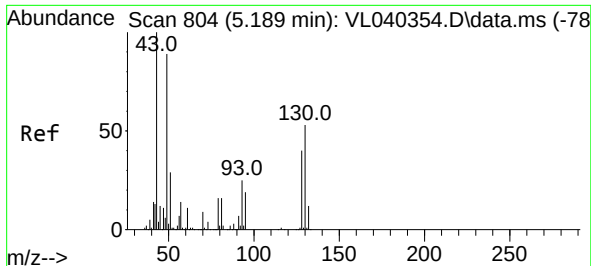
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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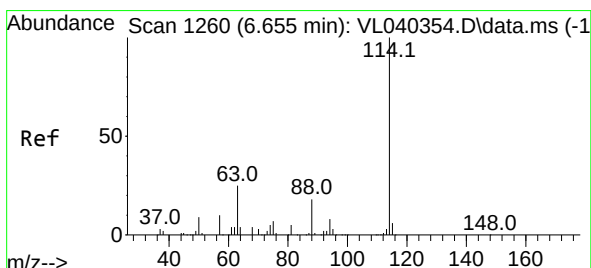
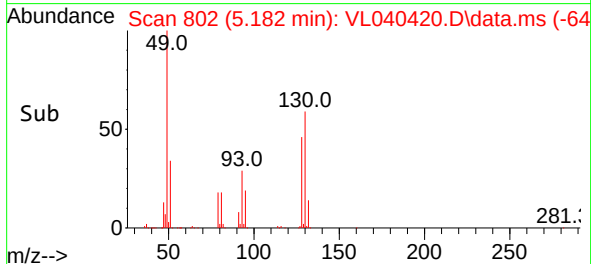
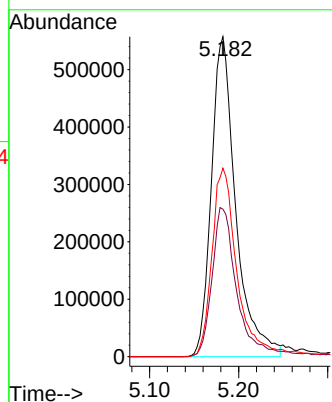
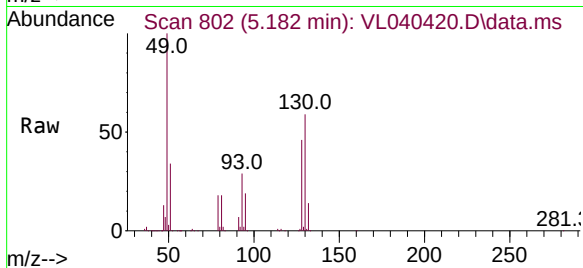




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 804
 Delta R.T. -0.007 min
 Lab File: VL040420.D
 Acq: 12 May 2023 16:08

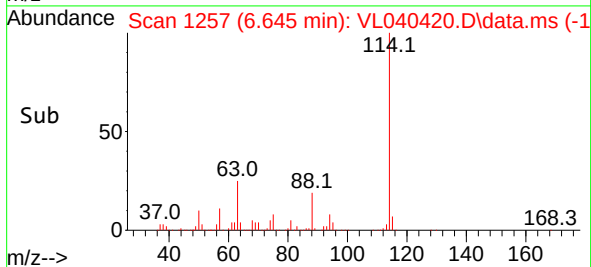
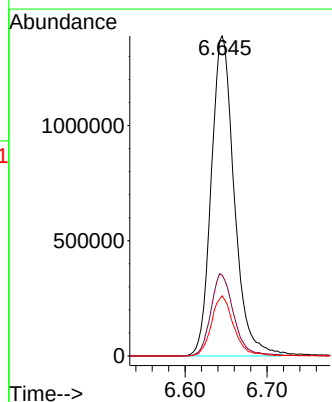
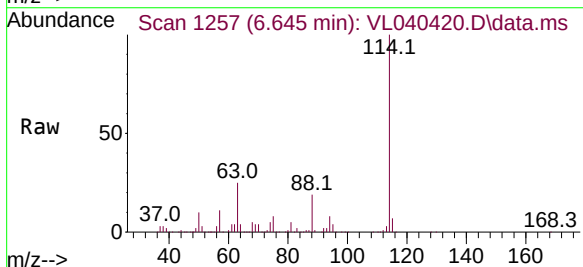
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0512ABL01

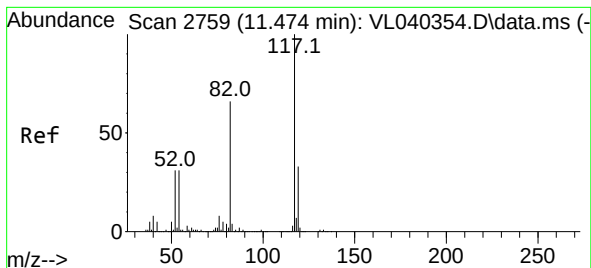
Tgt Ion: 49 Resp: 1059023
 Ion Ratio Lower Upper
 49 100
 128 48.6 23.7 71.1
 130 63.1 29.9 89.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.010 min
 Lab File: VL040420.D
 Acq: 12 May 2023 16:08

Tgt Ion: 114 Resp: 2702379
 Ion Ratio Lower Upper
 114 100
 63 25.9 21.4 32.0
 88 18.4 14.6 22.0

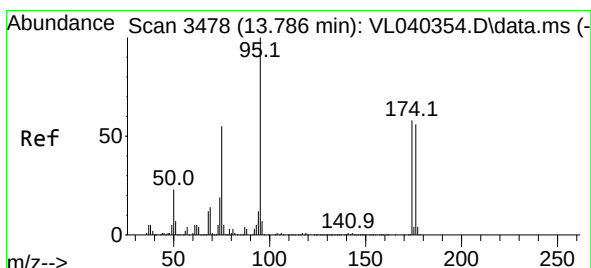
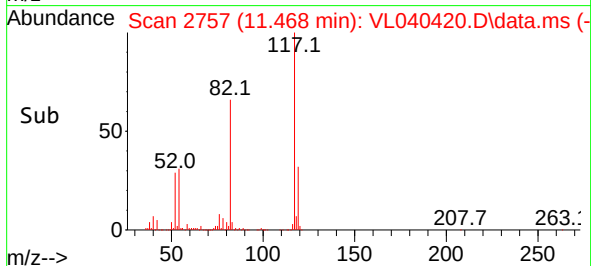
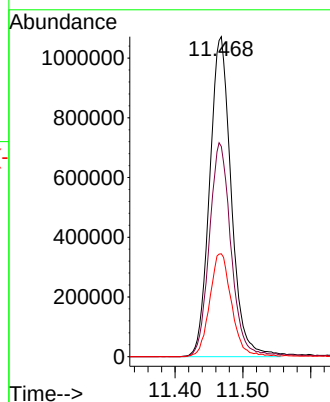
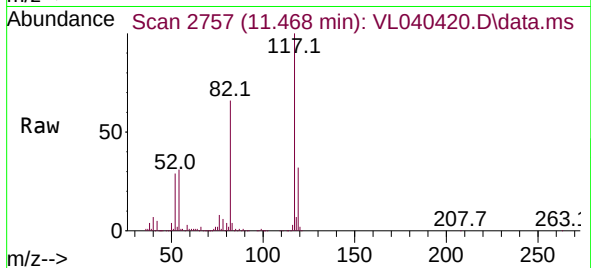




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040420.D
Acq: 12 May 2023 16:08

Instrument :
MSVOA_1
ClientSampleId :
VL0512ABL01

Tgt Ion:117 Resp: 2371674
Ion Ratio Lower Upper
117 100
82 67.8 52.5 78.7
119 33.0 24.3 36.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.400 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.009 min
Lab File: VL040420.D
Acq: 12 May 2023 16:08

Tgt Ion: 95 Resp: 1843460
Ion Ratio Lower Upper
95 100
174 60.7 47.2 70.8
175 4.3 3.5 5.3

