

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040321.D
 Acq On : 10 Apr 2023 12:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 11 02:06:42 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	5.160	49	978138	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.619	114	2476869	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.436	117	2191297	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.748	95	1786584	9.736	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

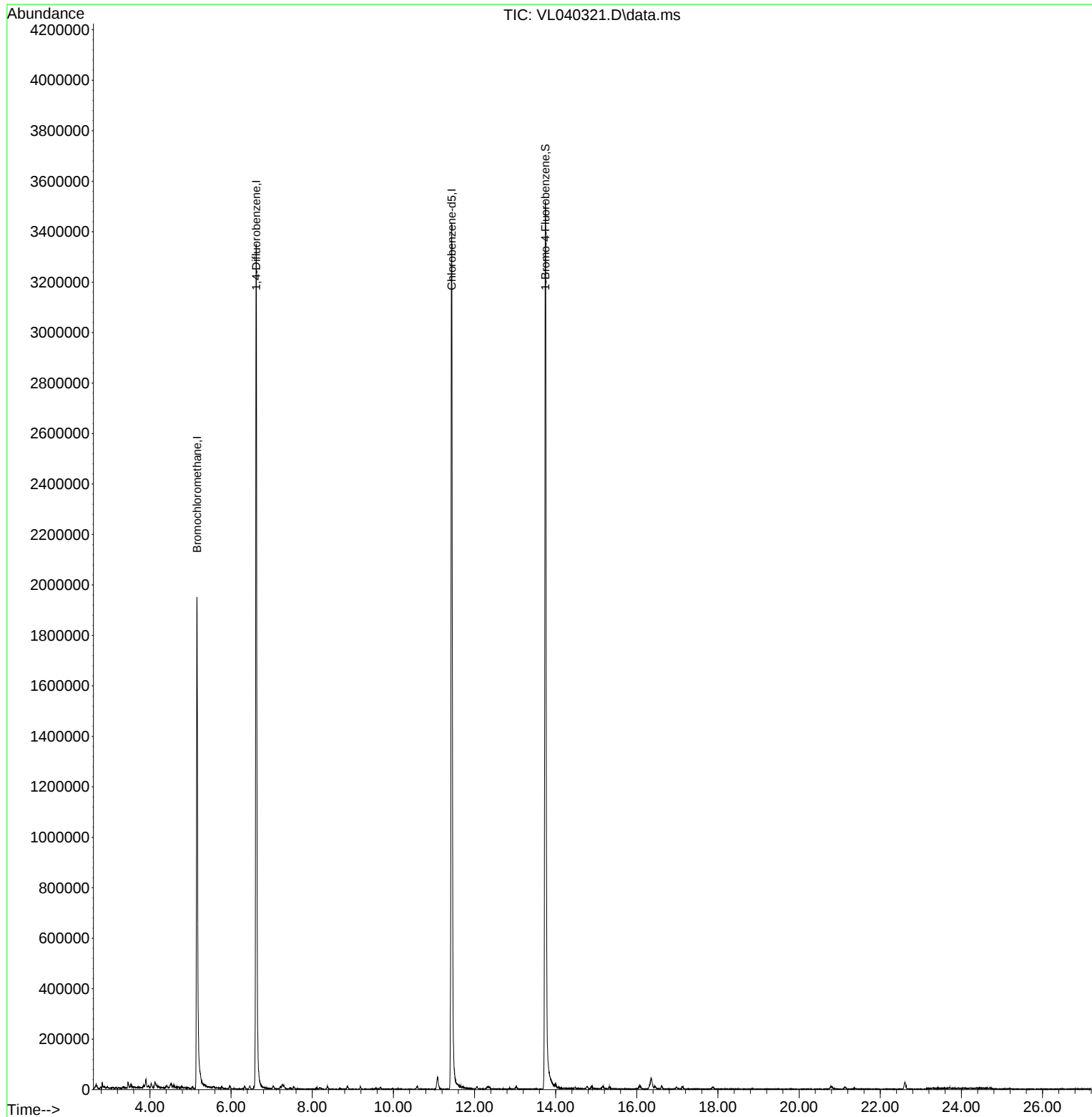
Target Compounds	Qvalue

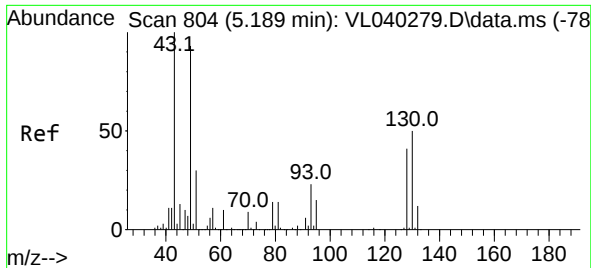
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 02:06:42 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

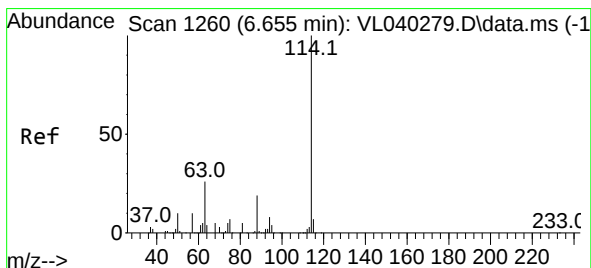
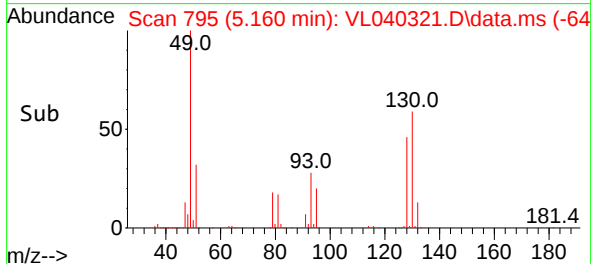
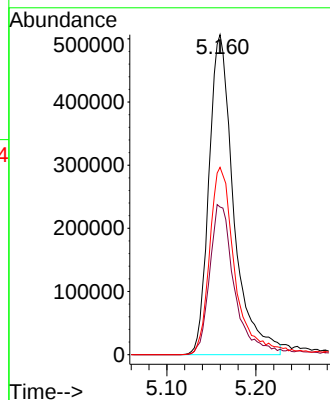
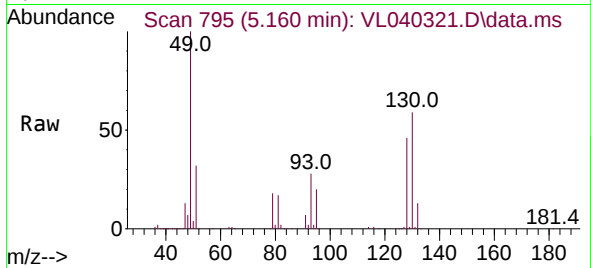




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 74
Delta R.T. -0.029 min
Lab File: VL040321.D
Acq: 10 Apr 2023 12:26

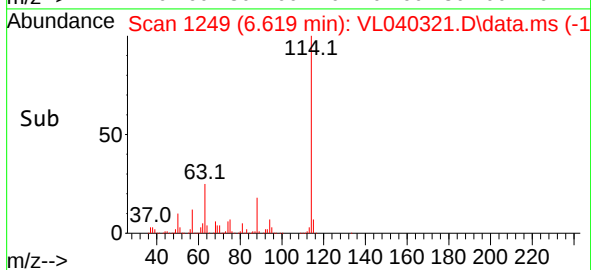
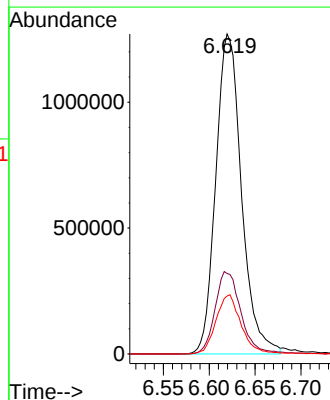
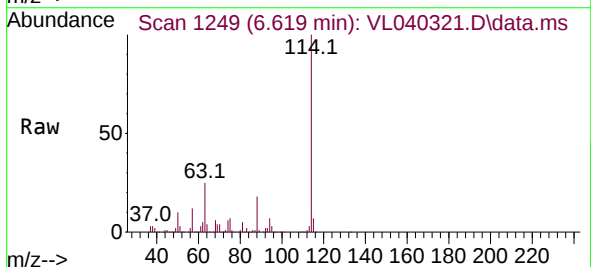
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

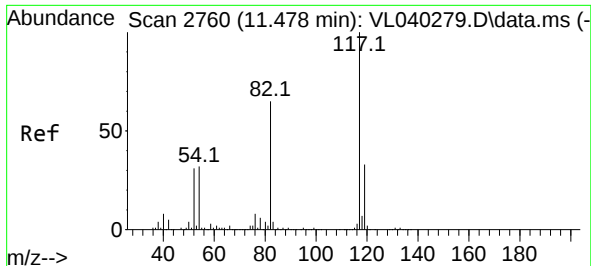
Tgt Ion: 49 Resp: 978138
Ion Ratio Lower Upper
49 100
128 49.4 22.4 67.3
130 62.9 28.7 86.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. -0.036 min
Lab File: VL040321.D
Acq: 10 Apr 2023 12:26

Tgt Ion: 114 Resp: 2476869
Ion Ratio Lower Upper
114 100
63 26.2 21.2 31.8
88 18.3 14.5 21.7

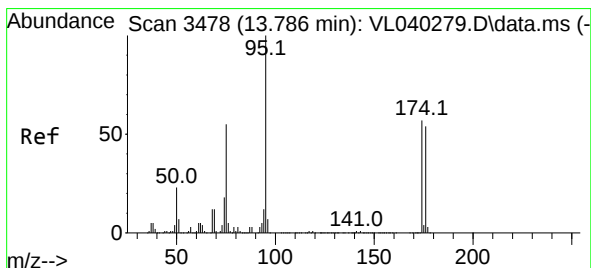
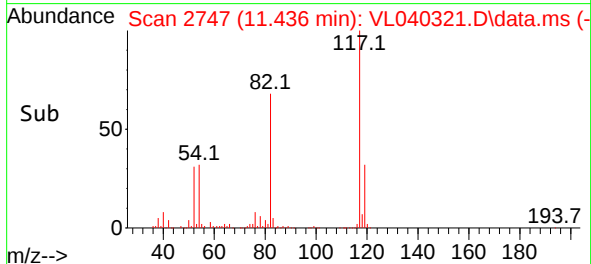
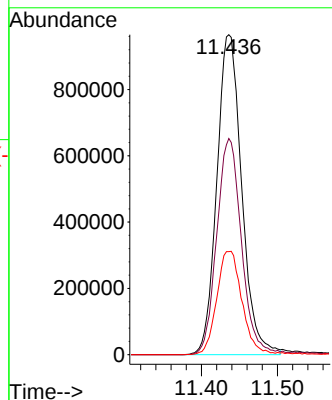
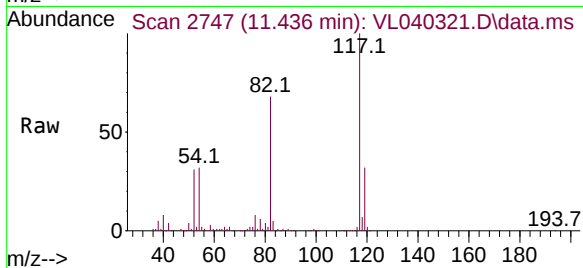




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL040321.D
Acq: 10 Apr 2023 12:26

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ClientSampleId :
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Tgt Ion:117 Resp: 2191297
Ion Ratio Lower Upper
117 100
82 68.1 51.4 77.2
119 33.2 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.736 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.038 min
Lab File: VL040321.D
Acq: 10 Apr 2023 12:26

Tgt Ion: 95 Resp: 1786584
Ion Ratio Lower Upper
95 100
174 60.1 47.0 70.6
175 4.4 3.4 5.2

