

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040297.D
 Acq On : 16 Mar 2023 15:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 17 04:15:08 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	5.192	49	1030947	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2832247	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2458546	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1958602	9.513	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%

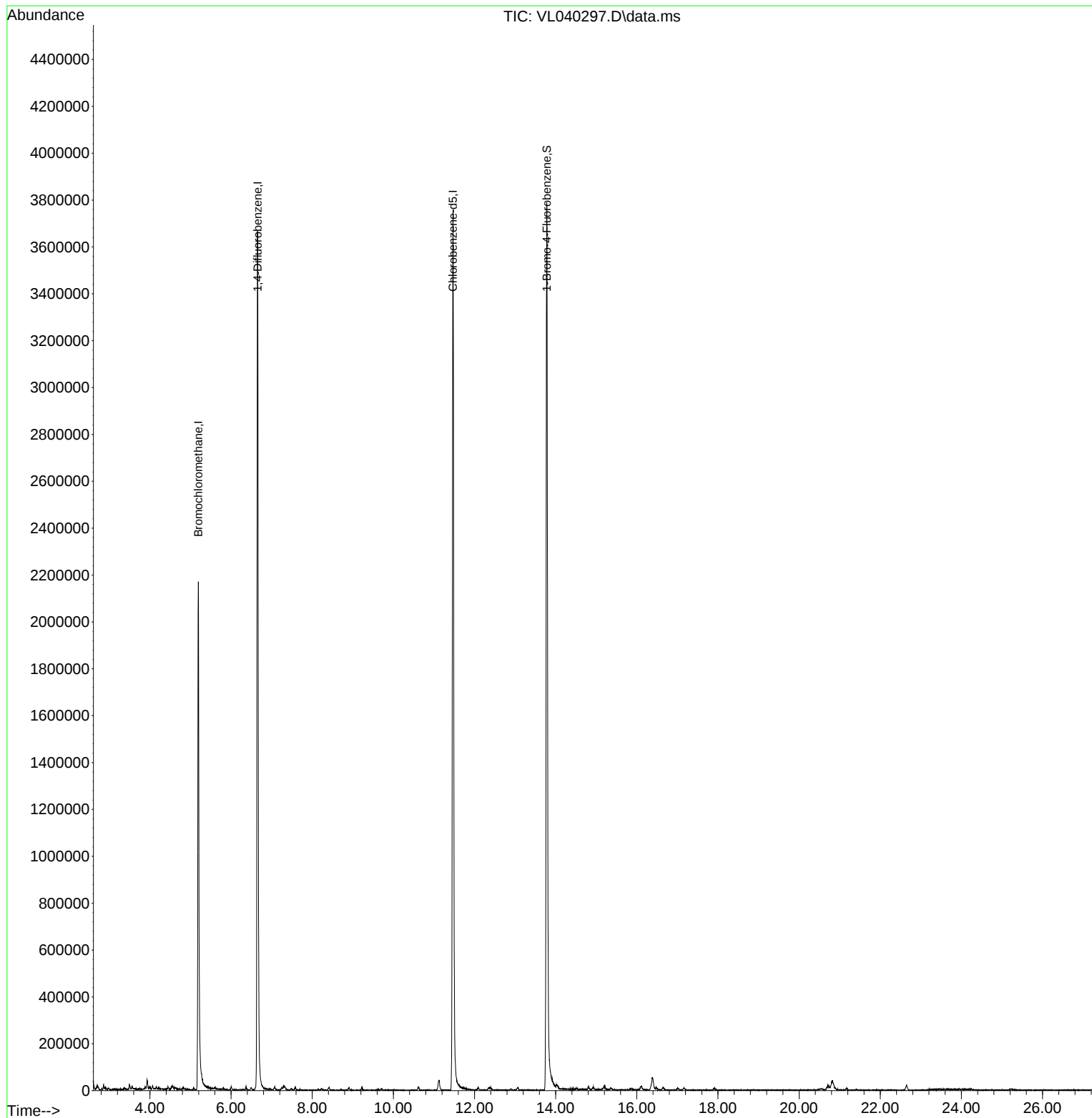
Target Compounds	Qvalue

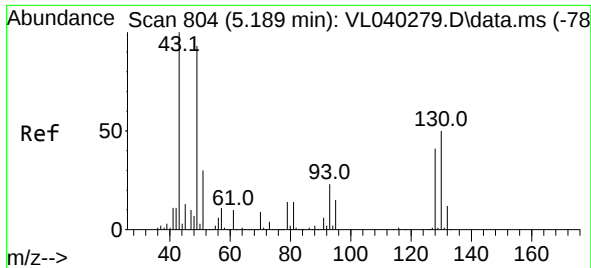
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 804

Delta R.T. 0.003 min

Lab File: VL040297.D

Acq: 16 Mar 2023 15:58

Instrument :

MSVOA_1

ClientSampleId :

VIBLK

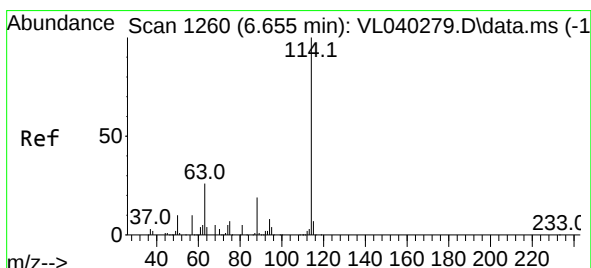
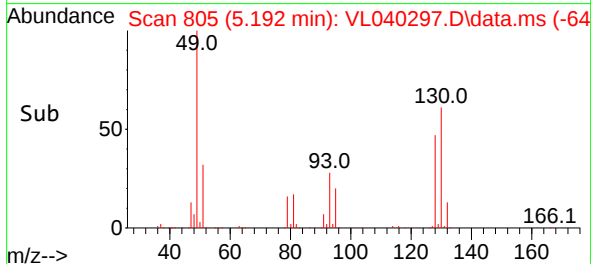
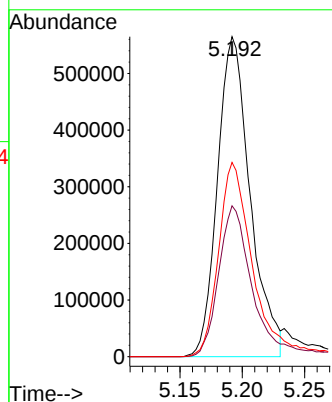
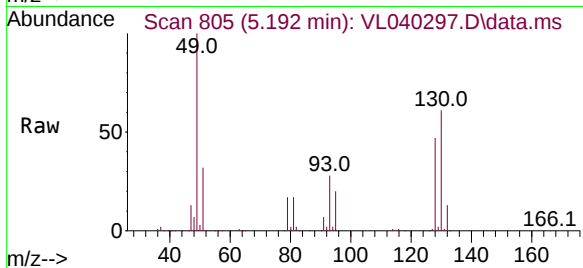
Tgt Ion: 49 Resp: 1030947

Ion Ratio Lower Upper

49 100

128 50.6 22.4 67.3

130 64.7 28.7 86.1



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VL040297.D

Acq: 16 Mar 2023 15:58

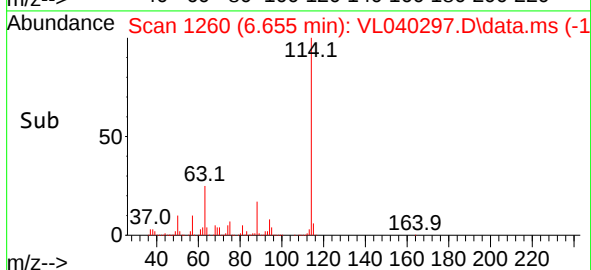
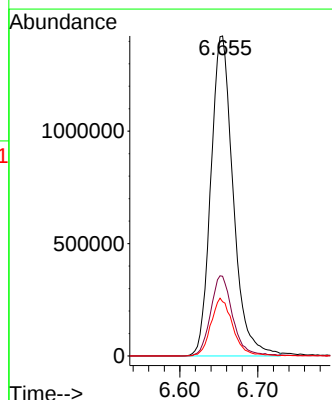
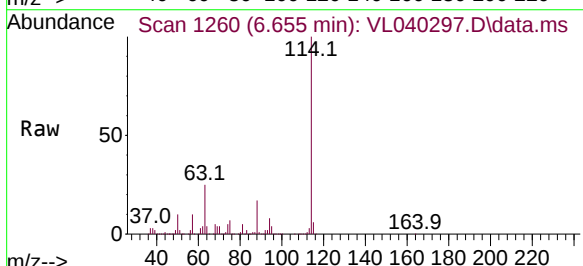
Tgt Ion: 114 Resp: 2832247

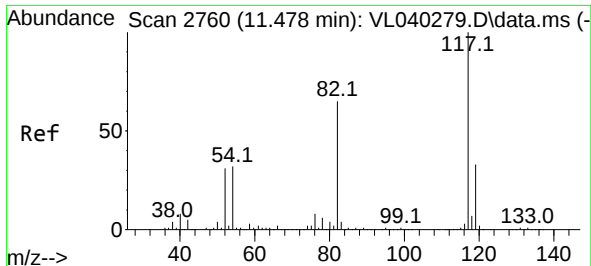
Ion Ratio Lower Upper

114 100

63 25.1 21.2 31.8

88 17.9 14.5 21.7

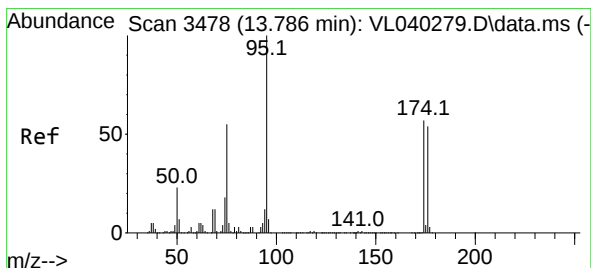
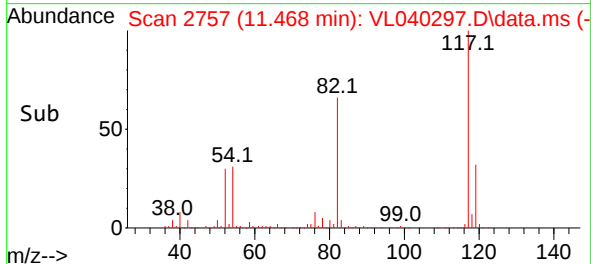
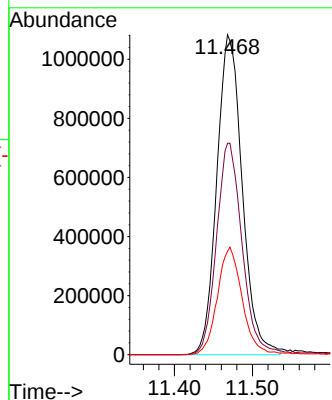
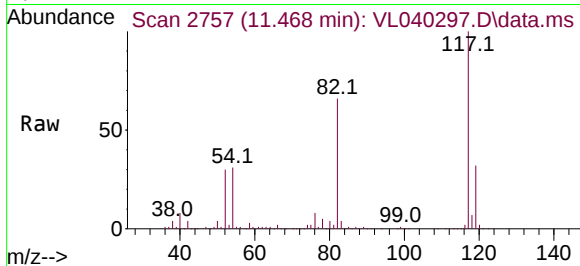




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040297.D
Acq: 16 Mar 2023 15:58

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MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2458546
Ion Ratio Lower Upper
117 100
82 67.2 51.4 77.2
119 33.4 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.513 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.006 min
Lab File: VL040297.D
Acq: 16 Mar 2023 15:58

Tgt Ion: 95 Resp: 1958602
Ion Ratio Lower Upper
95 100
174 61.4 47.0 70.6
175 4.4 3.4 5.2

