

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040905.D
 Acq On : 27 Nov 2023 11:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 28 04:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.230	49	915500	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2269247	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	1958851	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1501873	9.793	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

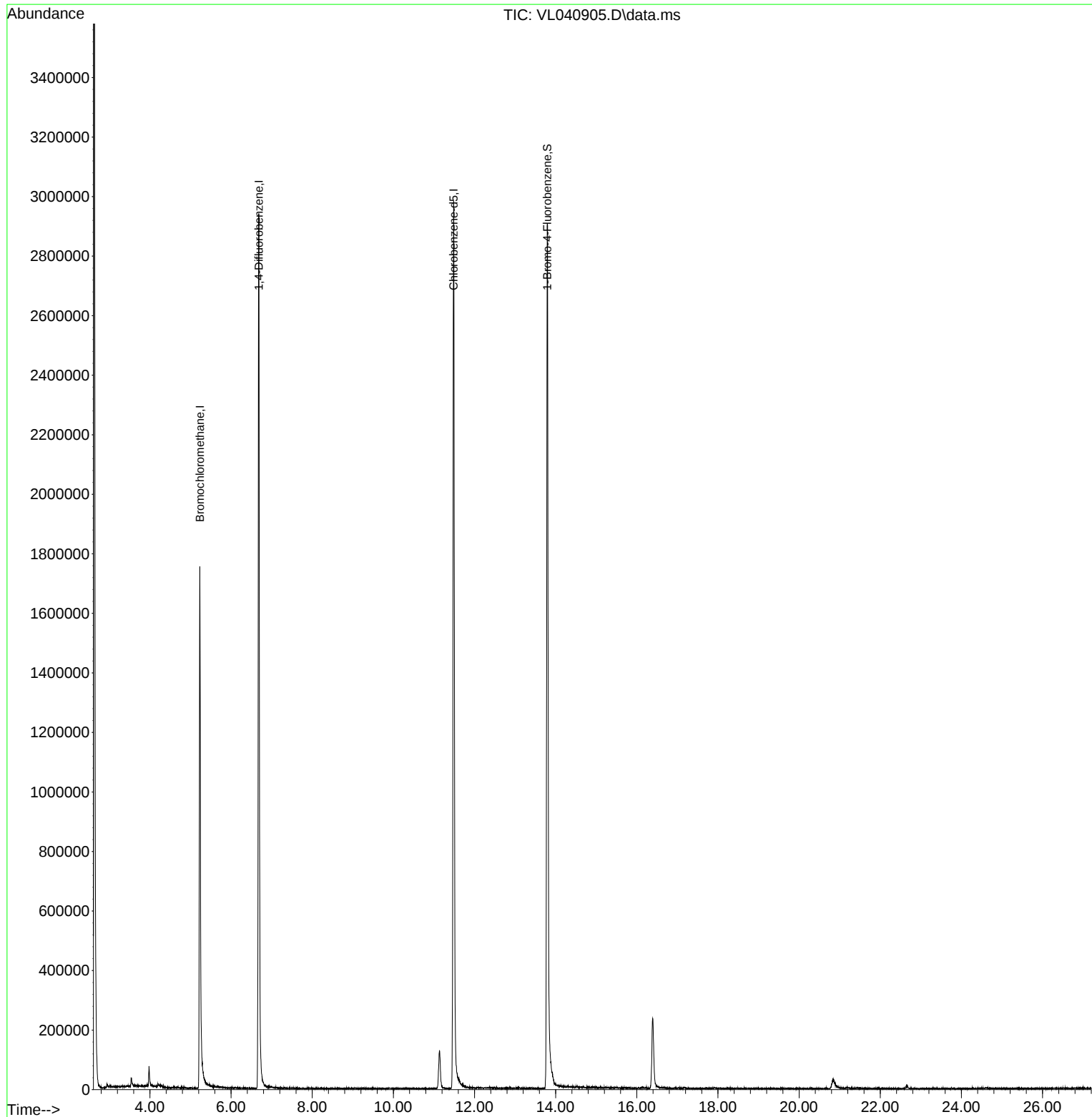
Target Compounds	Qvalue

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

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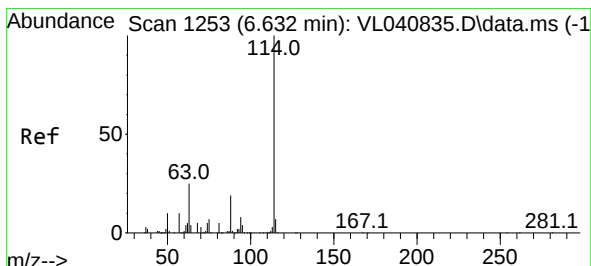
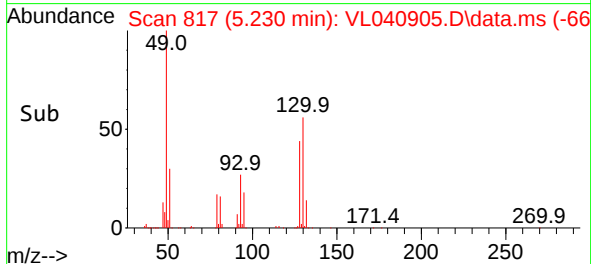
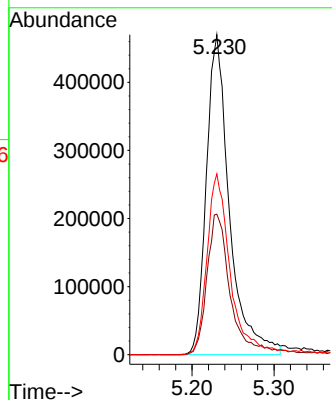
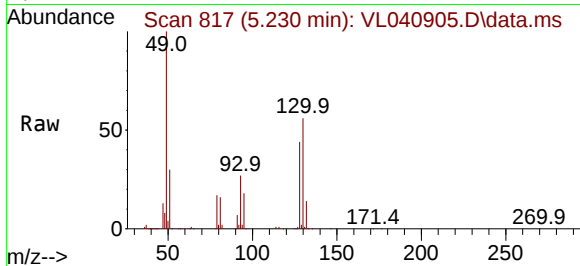




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.230 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL040905.D
 Acq: 27 Nov 2023 11:35

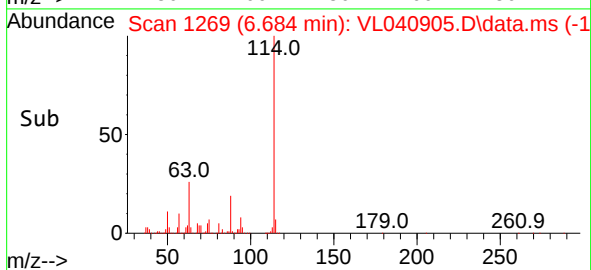
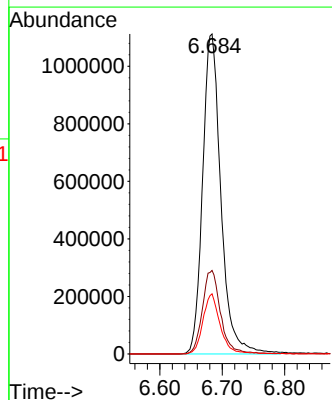
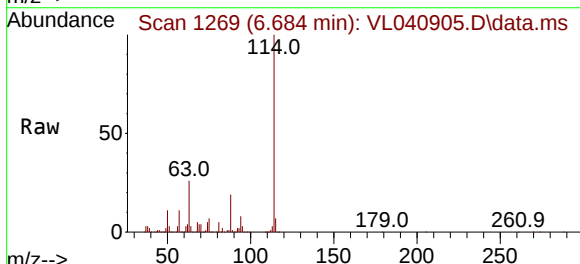
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

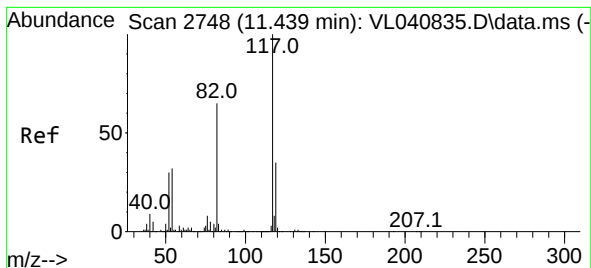
Tgt Ion: 49 Resp: 915500
 Ion Ratio Lower Upper
 49 100
 128 46.6 23.8 71.2
 130 58.9 30.9 92.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.684 min Scan# 1269
 Delta R.T. -0.000 min
 Lab File: VL040905.D
 Acq: 27 Nov 2023 11:35

Tgt Ion: 114 Resp: 2269247
 Ion Ratio Lower Upper
 114 100
 63 26.2 20.9 31.3
 88 17.9 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

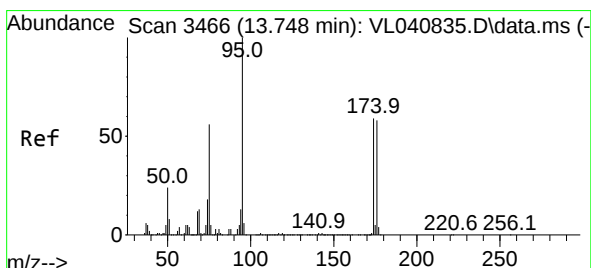
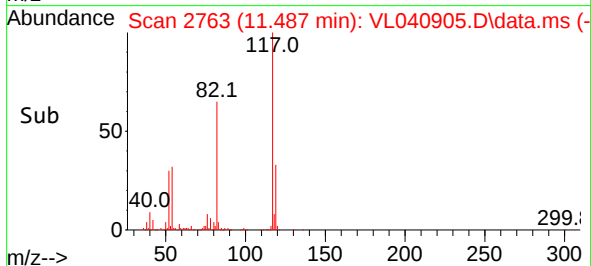
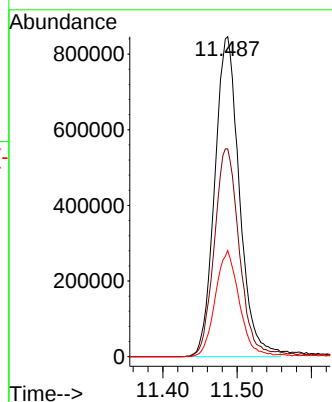
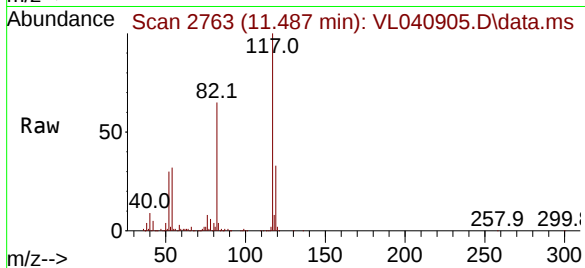
Tgt Ion:117 Resp: 1958851

Ion Ratio Lower Upper

117 100

82 67.5 50.6 75.8

119 33.3 23.3 34.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.793 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.003 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

Tgt Ion: 95 Resp: 1501873

Ion Ratio Lower Upper

95 100

174 61.6 47.5 71.3

175 4.5 3.6 5.4

