

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040932.D
 Acq On : 21 Dec 2023 16:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 22 00:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1223063	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	3082098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2615848	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1922364	9.977	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

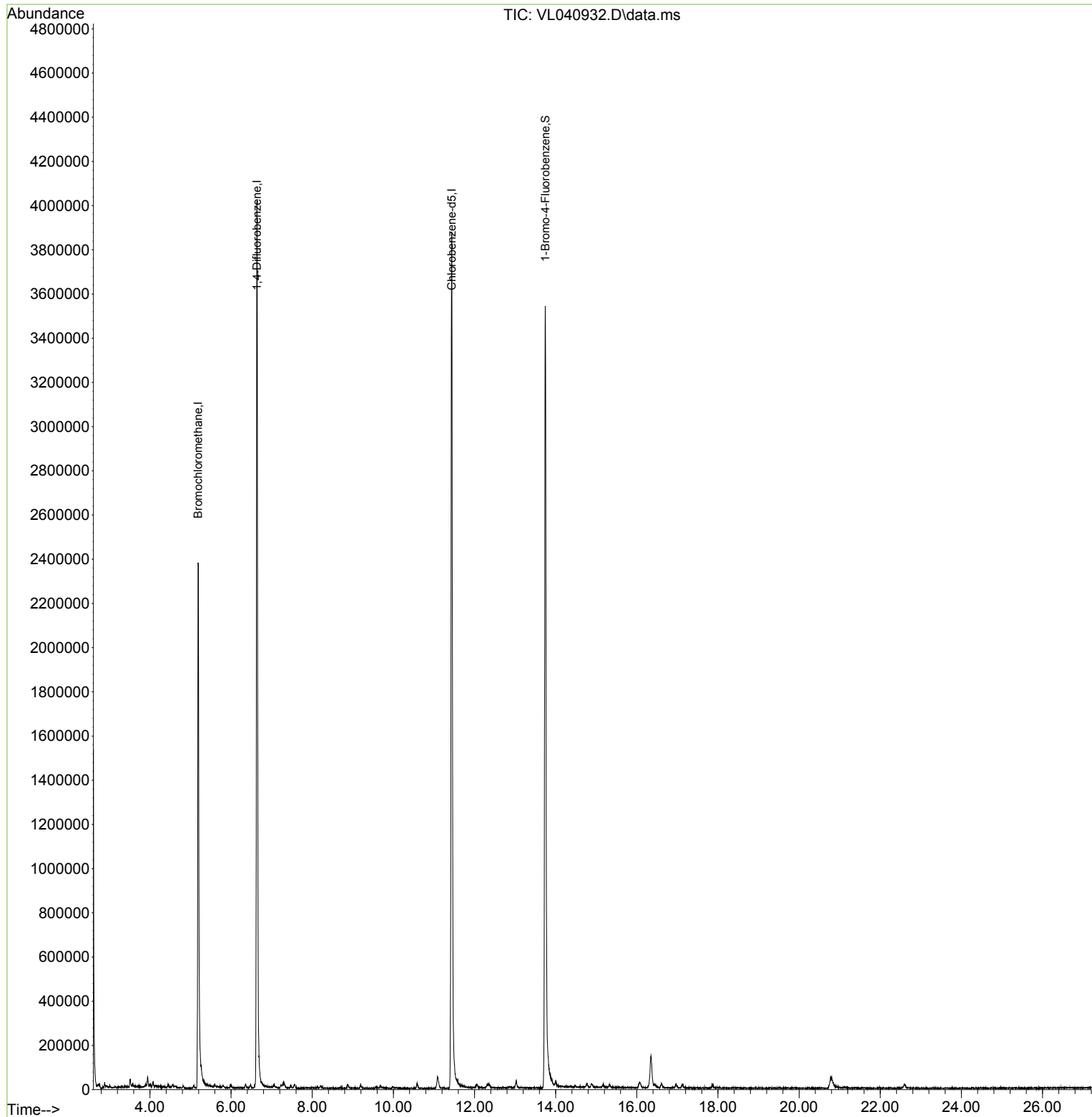
Target Compounds	Qvalue

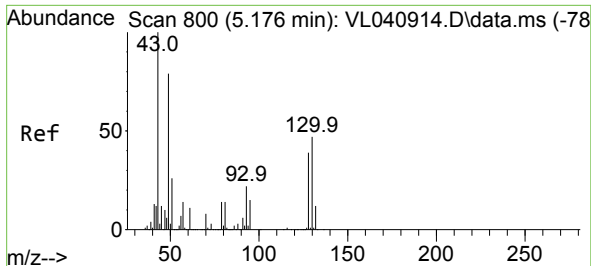
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 800

Delta R.T. 0.012 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

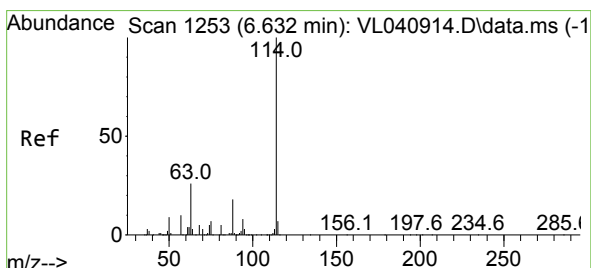
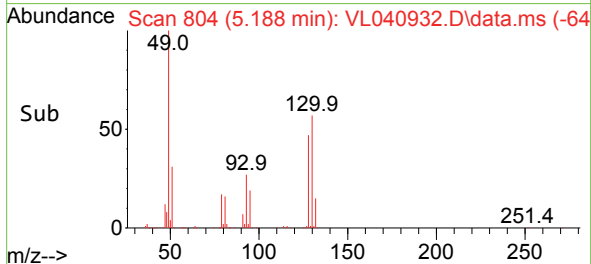
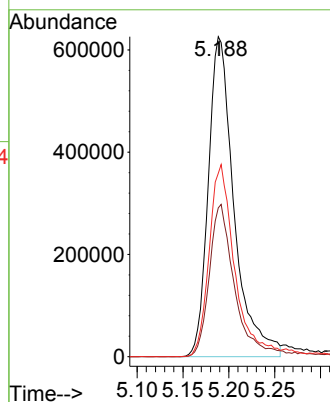
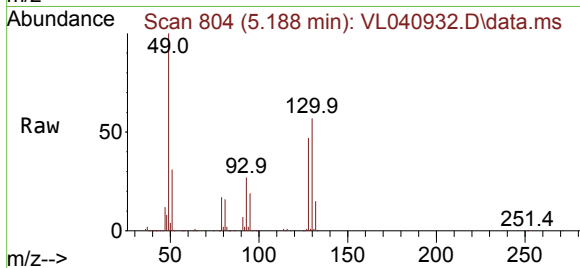
Tgt Ion: 49 Resp: 1223063

Ion Ratio Lower Upper

49 100

128 49.1 23.8 71.2

130 62.1 30.1 90.5



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VL040932.D

Acq: 21 Dec 2023 16:35

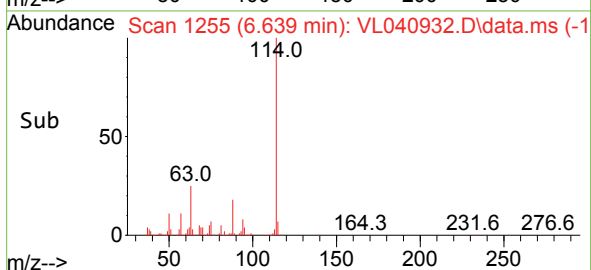
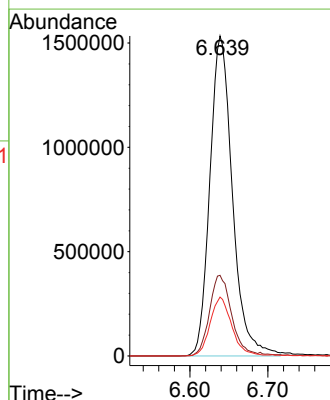
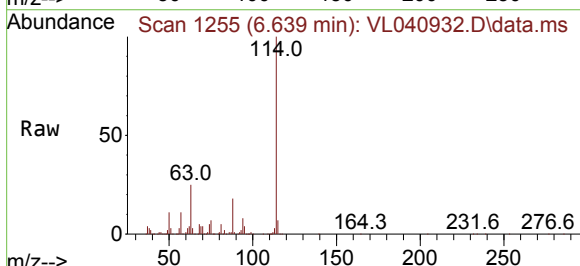
Tgt Ion: 114 Resp: 3082098

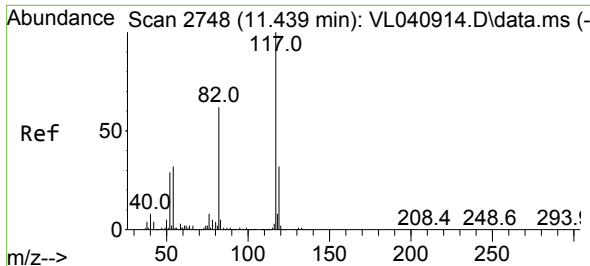
Ion Ratio Lower Upper

114 100

63 25.5 21.0 31.6

88 17.9 14.3 21.5

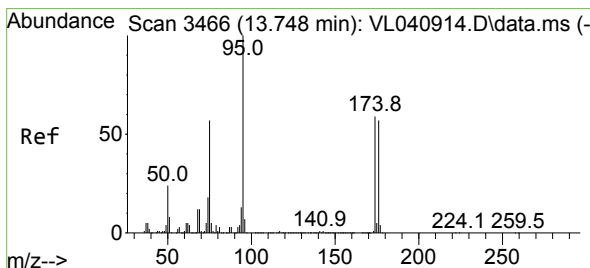
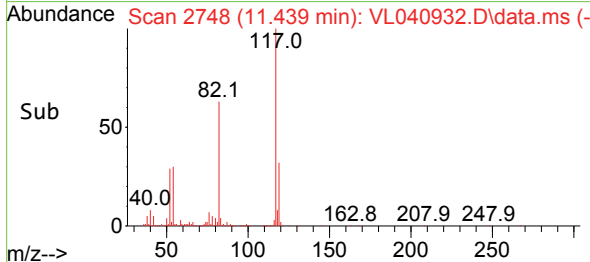
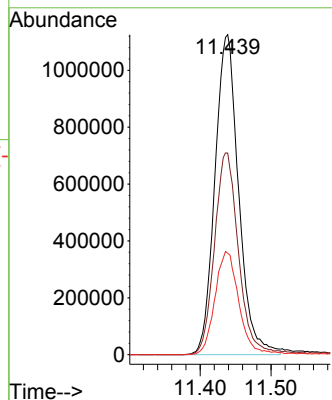
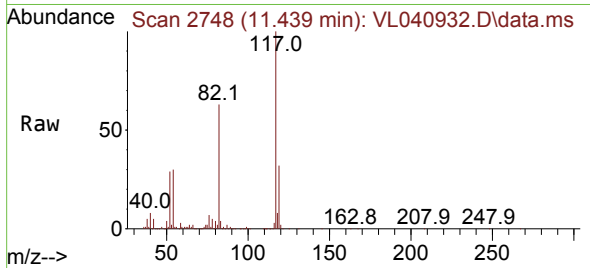




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040932.D
Acq: 21 Dec 2023 16:35

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2615848
Ion Ratio Lower Upper
117 100
82 64.5 49.6 74.4
119 32.9 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.977 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040932.D
Acq: 21 Dec 2023 16:35

Tgt Ion: 95 Resp: 1922364
Ion Ratio Lower Upper
95 100
174 60.5 48.0 72.0
175 4.5 3.7 5.5

