

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041237.D
 Acq On : 8 May 2024 10:40
 Operator : SY/MD
 Sample : QC050624 CAN 10445
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC050624 CAN 10445

Quant Time: May 09 02:50:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	840394	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2240544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2038363	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.802	95	1553182	10.093	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

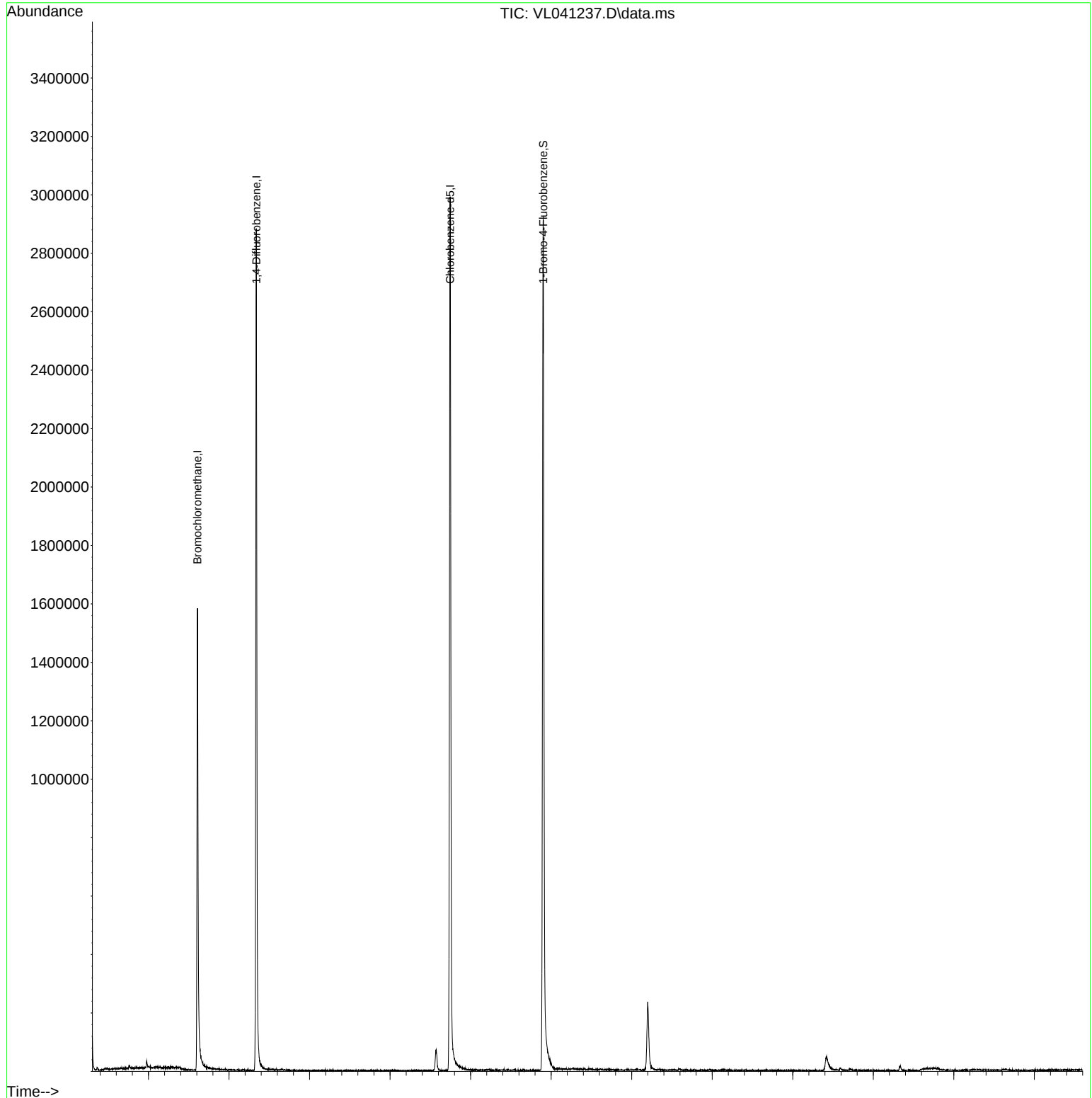
Target Compounds	Qvalue

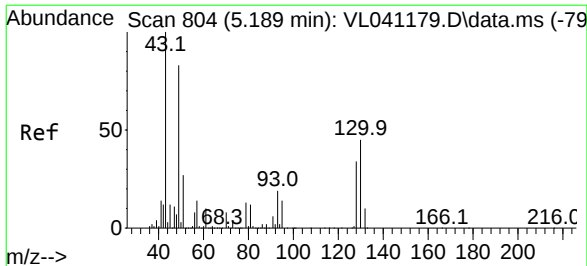
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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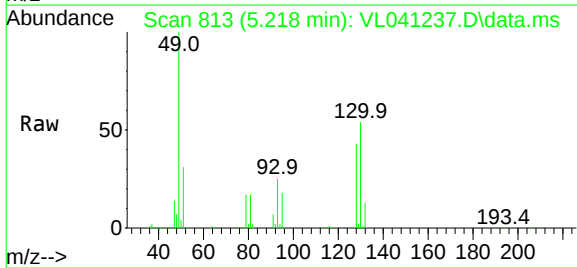
Quant Time: May 09 02:50:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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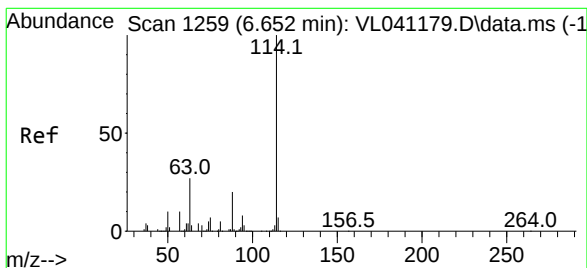
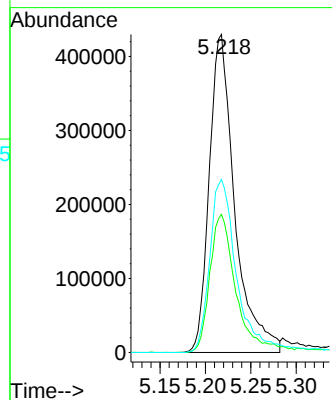
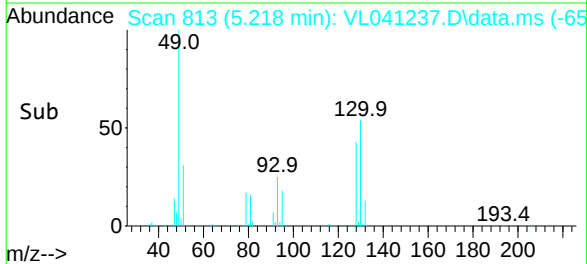


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041237.D
Acq: 8 May 2024 10:40

Instrument :
MSVOA_L
ClientSampleId :
QC050624 CAN 10445

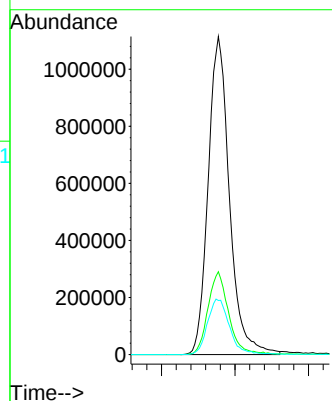
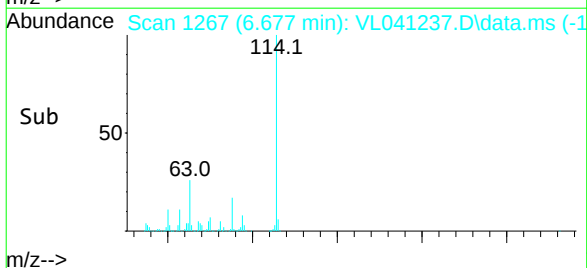
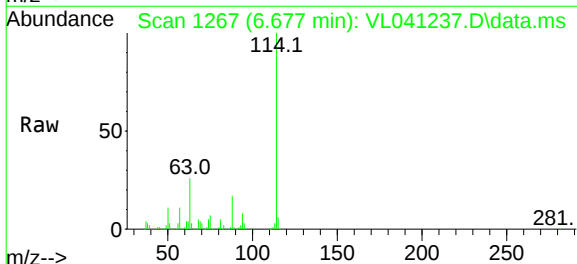


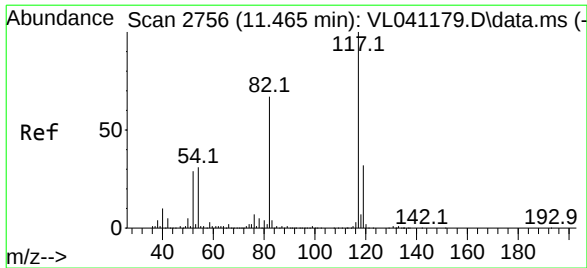
Tgt Ion: 49 Resp: 840394
Ion Ratio Lower Upper
49 100
128 46.4 21.5 64.5
130 59.3 27.2 81.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. 0.003 min
Lab File: VL041237.D
Acq: 8 May 2024 10:40

Tgt Ion: 114 Resp: 2240544
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 18.2 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041237.D

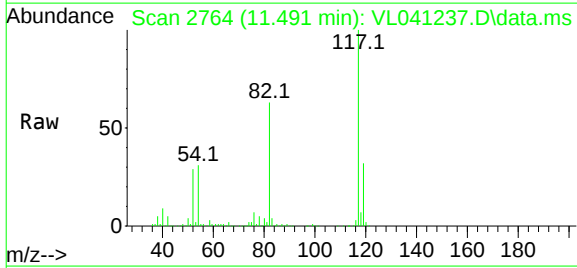
Acq: 8 May 2024 10:40

Instrument :

MSVOA_L

ClientSampleId :

QC050624 CAN 10445



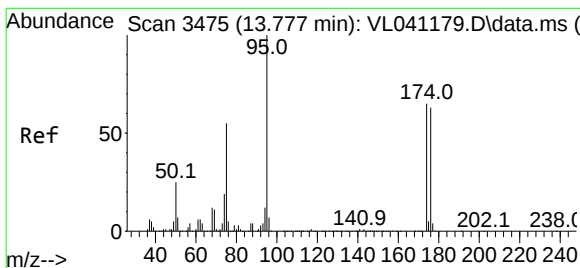
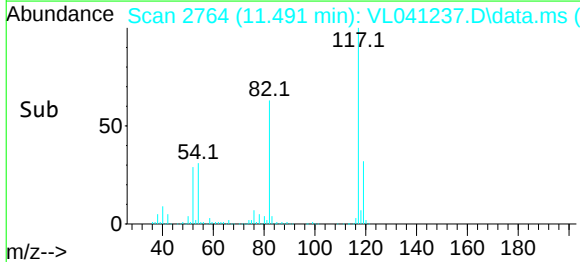
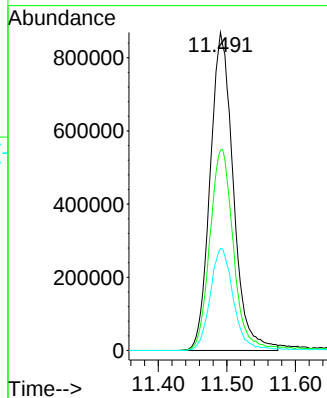
Tgt Ion:117 Resp: 2038363

Ion Ratio Lower Upper

117 100

82 65.8 53.6 80.4

119 32.6 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.093 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.006 min

Lab File: VL041237.D

Acq: 8 May 2024 10:40

Tgt Ion: 95 Resp: 1553182

Ion Ratio Lower Upper

95 100

174 66.2 53.6 80.4

175 4.9 4.2 6.4

