

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041155.D
 Acq On : 23 Apr 2024 11:19
 Operator : SY/MD
 Sample : QC042224 CAN 10595
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042224 CAN 10595

Quant Time: Apr 24 02:50:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 2024
 Response via : Initial Calibration

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

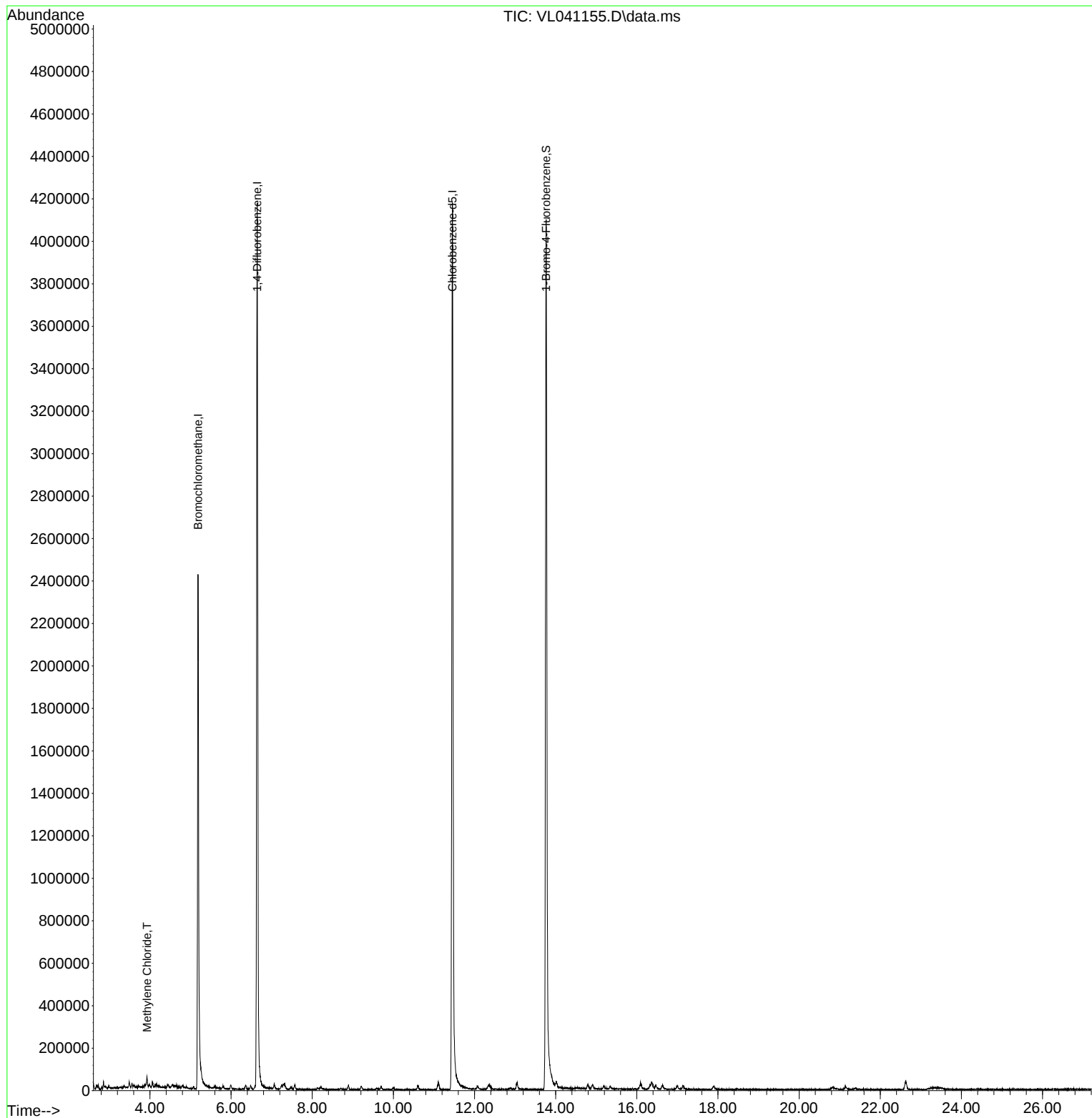
Internal Standards						
1) Bromochloromethane	5.185	49	1213852	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3143184	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2782672	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2154303	9.628	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						
20) Methylene Chloride	3.928	84	12447	0.230	ppbv	Qvalue 94

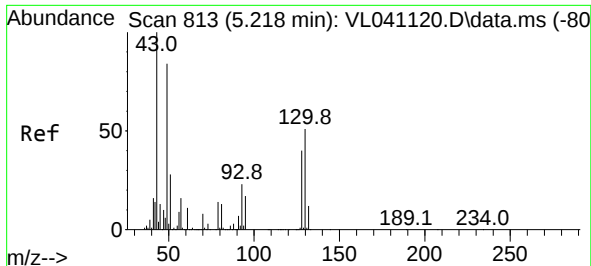
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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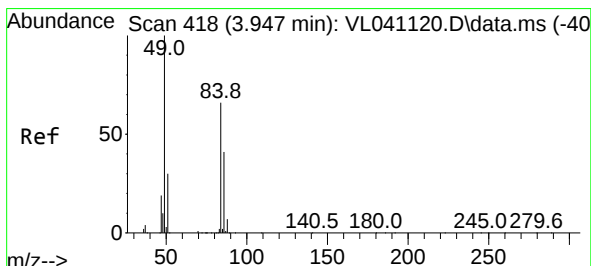
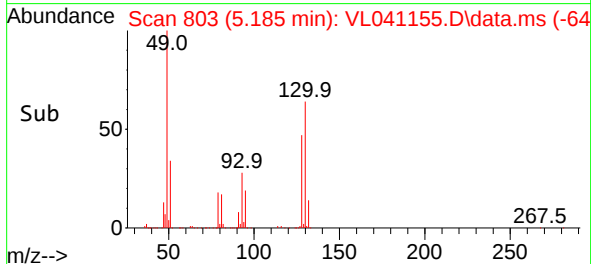
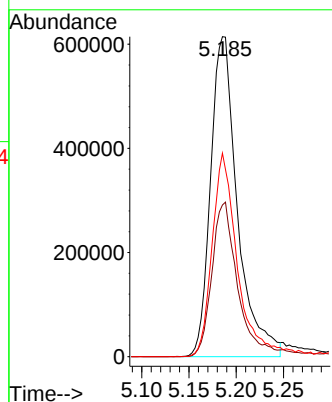
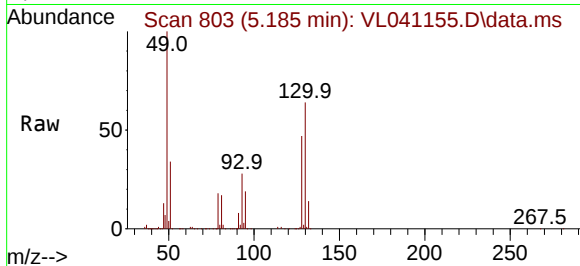




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041155.D
Acq: 23 Apr 2024 11:19

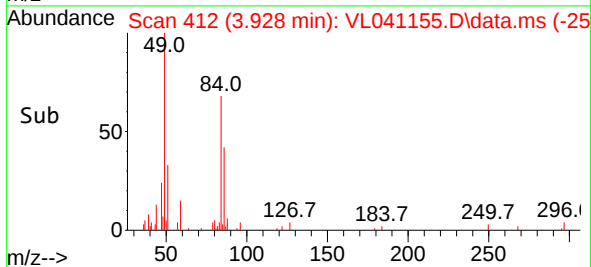
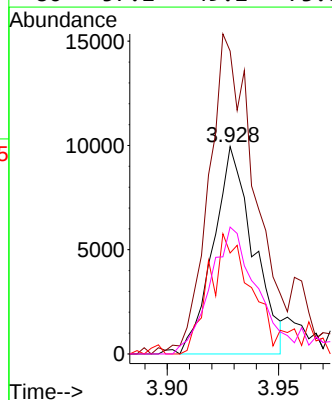
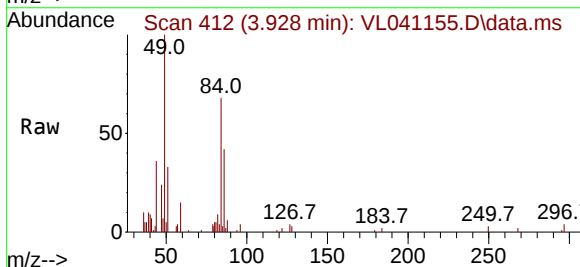
Instrument :
MSVOA_L
ClientSampleId :
QC042224 CAN 10595

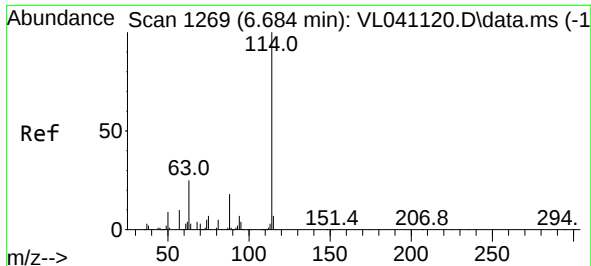
Tgt Ion: 49 Resp: 1213852
Ion Ratio Lower Upper
49 100
128 49.0 23.6 71.0
130 62.0 30.1 90.5



#20
Methylene Chloride
Concen: 0.230 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL041155.D
Acq: 23 Apr 2024 11:19

Tgt Ion: 84 Resp: 12447
Ion Ratio Lower Upper
84 100
49 142.3 120.7 181.1
51 48.7 36.6 54.8
86 57.2 49.2 73.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041155.D

Acq: 23 Apr 2024 11:19

Instrument :

MSVOA_L

ClientSampleId :

QC042224 CAN 10595

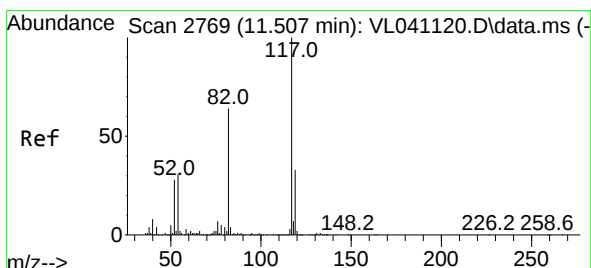
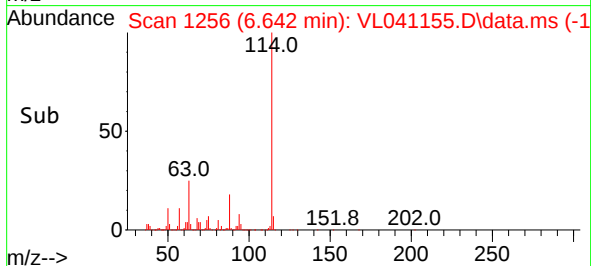
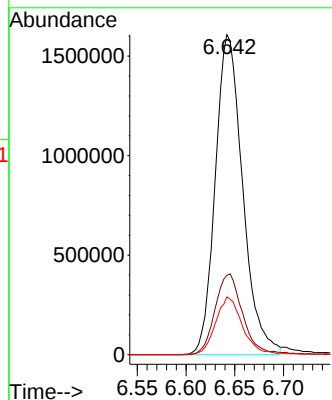
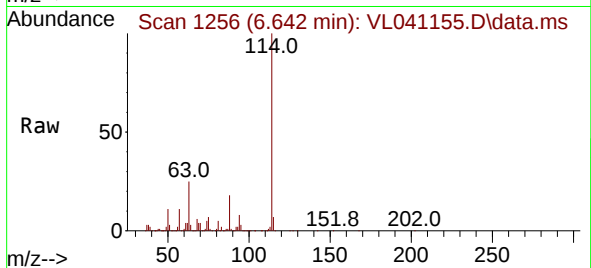
Tgt Ion:114 Resp: 3143184

Ion Ratio Lower Upper

114 100

63 25.7 20.9 31.3

88 18.0 14.5 21.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.000 min

Lab File: VL041155.D

Acq: 23 Apr 2024 11:19

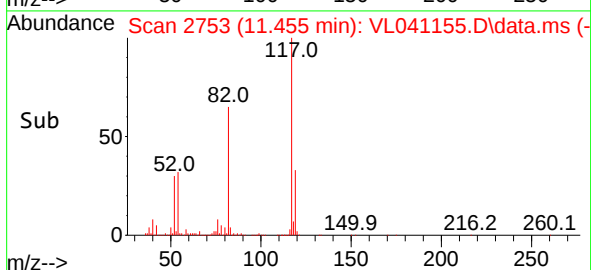
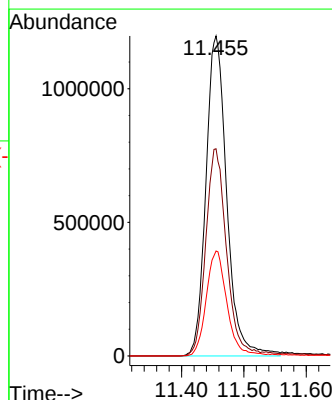
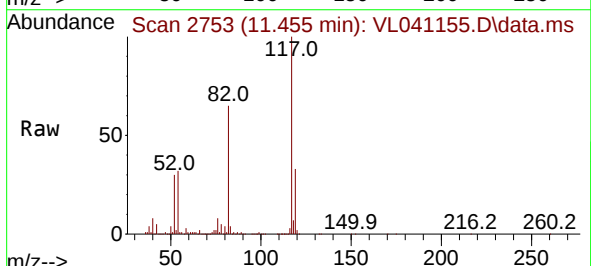
Tgt Ion:117 Resp: 2782672

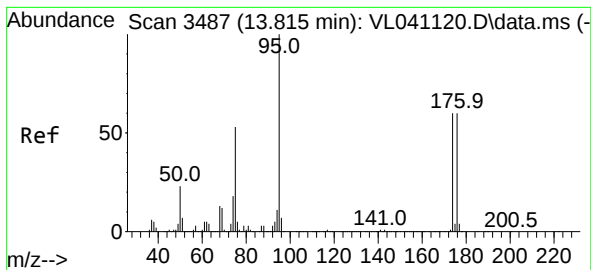
Ion Ratio Lower Upper

117 100

82 66.3 51.0 76.6

119 33.1 25.2 37.8





#68

1-Bromo-4-Fluorobenzene

Concen: 9.628 ppbv

RT: 13.764 min Scan# 34

Delta R.T. -0.000 min

Lab File: VL041155.D

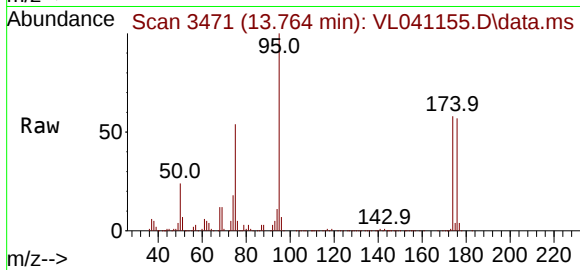
Acq: 23 Apr 2024 11:19

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Tgt Ion: 95 Resp: 2154303

Ion Ratio Lower Upper

95 100

174 62.5 49.3 73.9

175 4.3 3.6 5.4

