

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041377.D
 Acq On : 1 Jul 2024 21:14
 Operator : SY/MD
 Sample : CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10283

Quant Time: Jul 01 23:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	883953	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.661	114	2412434	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2086660	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1555310	9.945	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

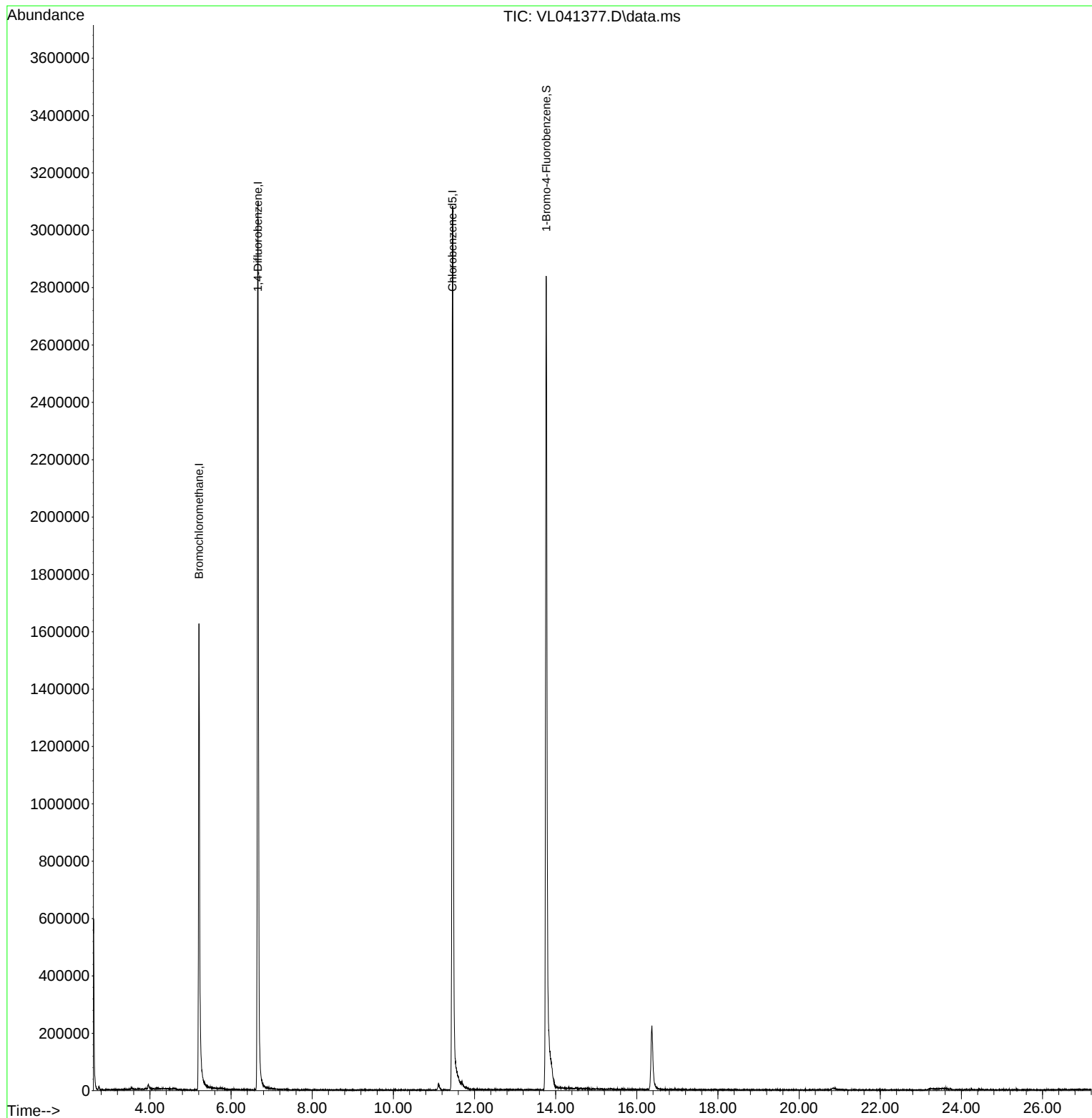
Target Compounds	Qvalue

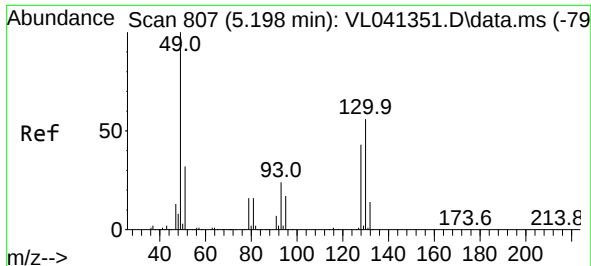
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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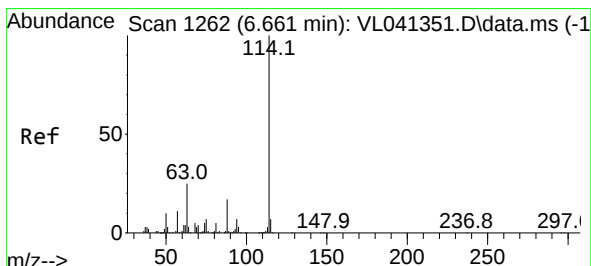
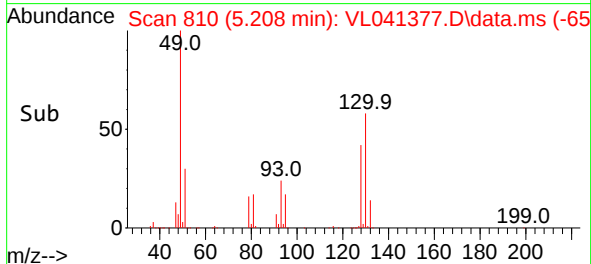
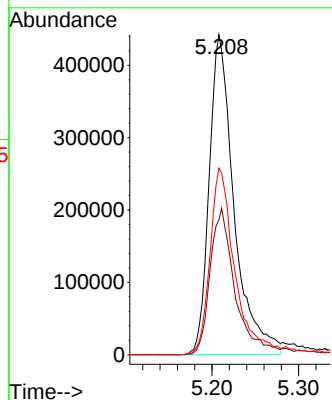
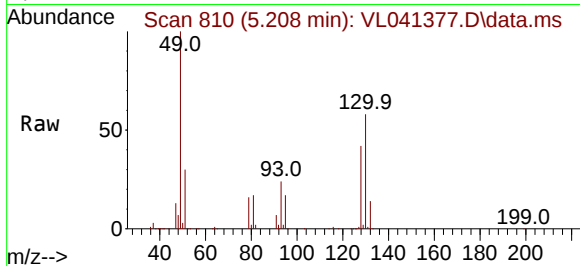




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 810
 Delta R.T. -0.010 min
 Lab File: VL041377.D
 Acq: 1 Jul 2024 21:14

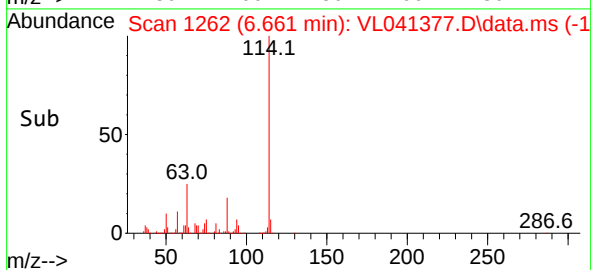
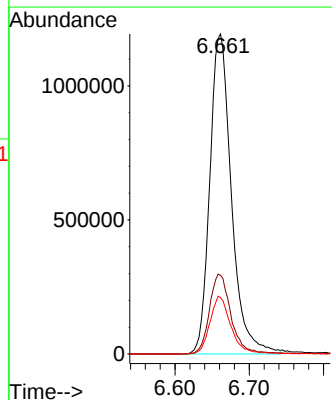
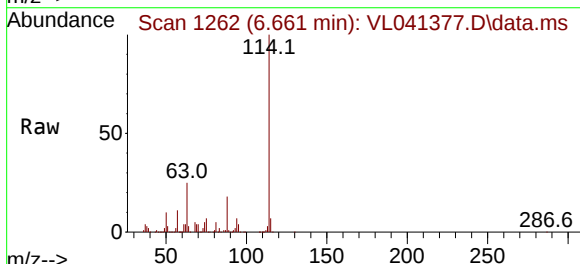
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10283

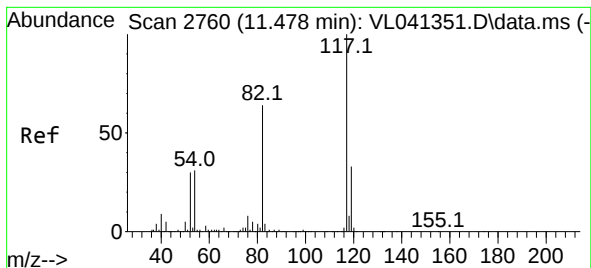
Tgt Ion: 49 Resp: 883953
 Ion Ratio Lower Upper
 49 100
 128 48.1 22.8 68.3
 130 61.1 28.9 86.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.661 min Scan# 1262
 Delta R.T. -0.010 min
 Lab File: VL041377.D
 Acq: 1 Jul 2024 21:14

Tgt Ion: 114 Resp: 2412434
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.6 31.0
 88 17.6 14.6 21.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041377.D

Acq: 1 Jul 2024 21:14

Instrument :

MSVOA_L

ClientSampleId :

CAN 10283

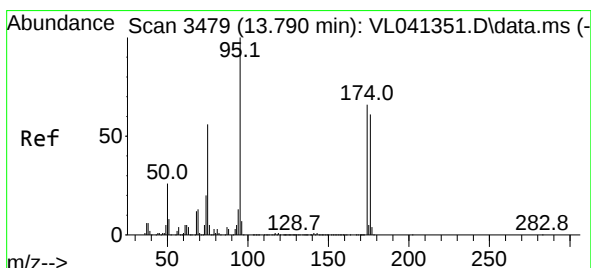
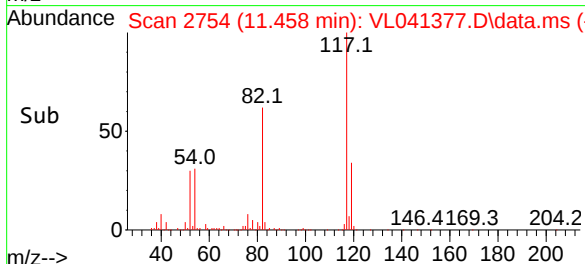
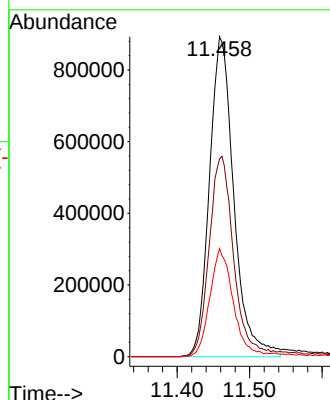
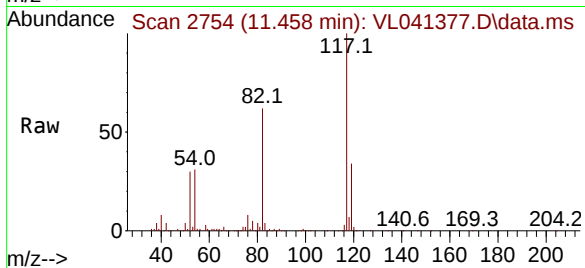
Tgt Ion:117 Resp: 2086660

Ion Ratio Lower Upper

117 100

82 64.2 50.6 75.8

119 33.2 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.945 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.010 min

Lab File: VL041377.D

Acq: 1 Jul 2024 21:14

Tgt Ion: 95 Resp: 1555310

Ion Ratio Lower Upper

95 100

174 66.9 53.1 79.7

175 4.5 4.0 6.0

