

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041364.D
 Acq On : 26 Jun 2024 18:27
 Operator : SY/MD
 Sample : QC061924 CAN 10326
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061924 CAN 10326

Quant Time: Jun 27 09:19:35 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 : Thu Jun 27 09:18:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1022402	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.684	114	2720419	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2387937	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.799	95	1828976	10.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%

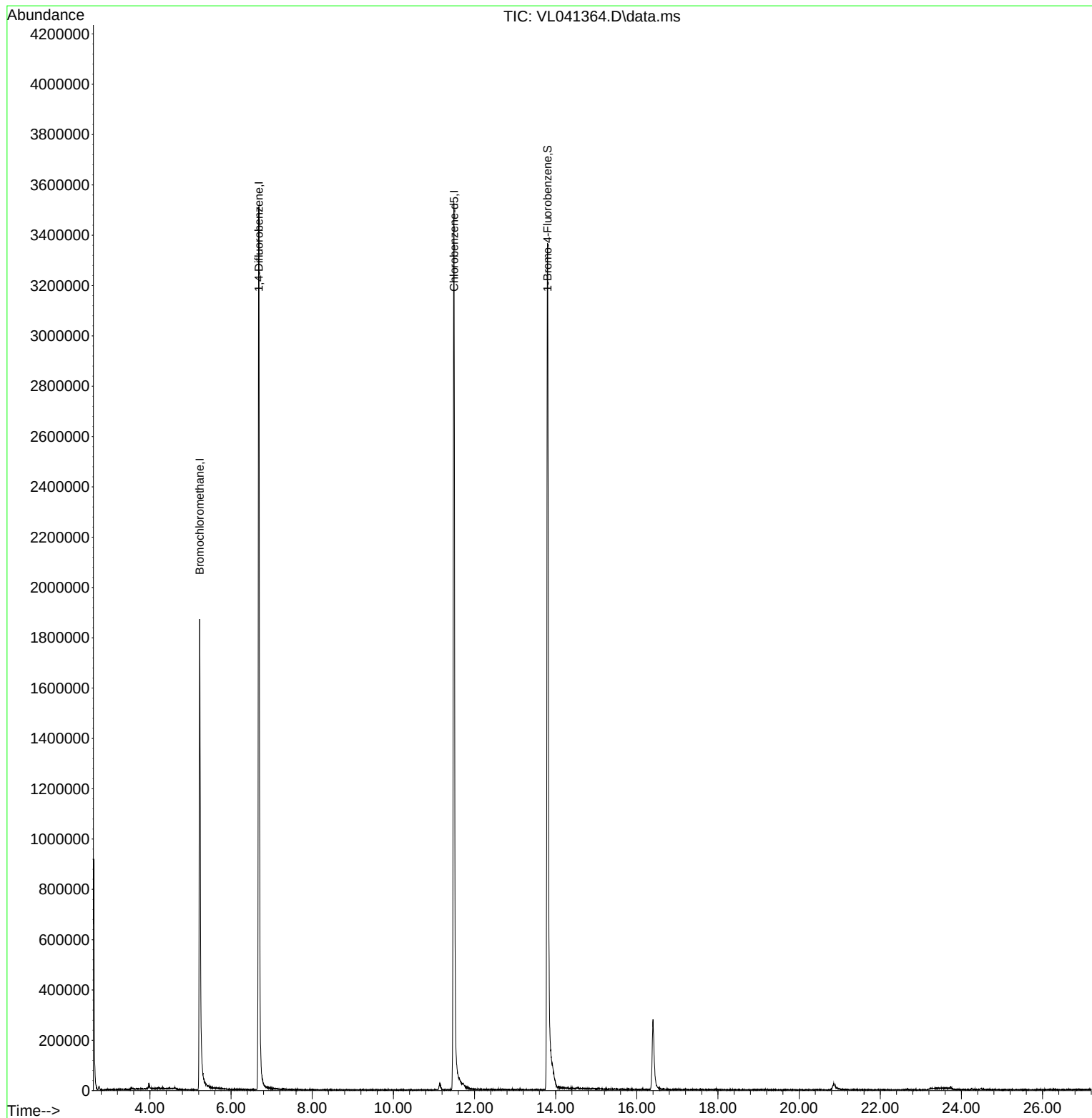
Target Compounds	Qvalue

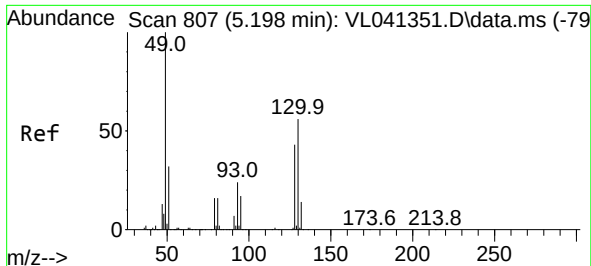
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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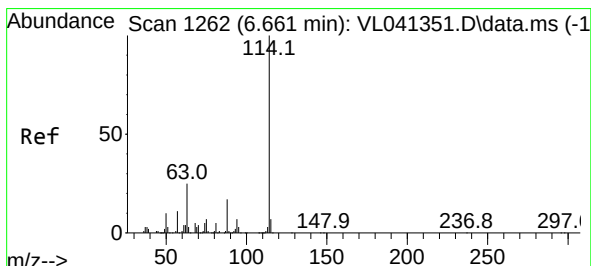
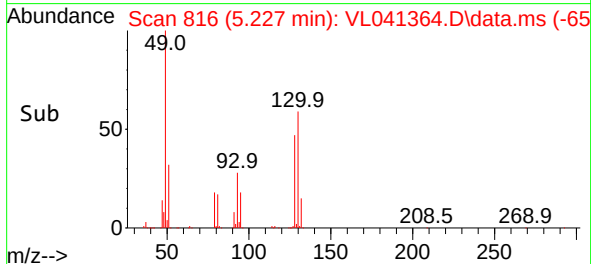
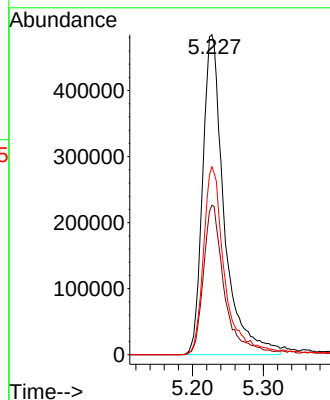
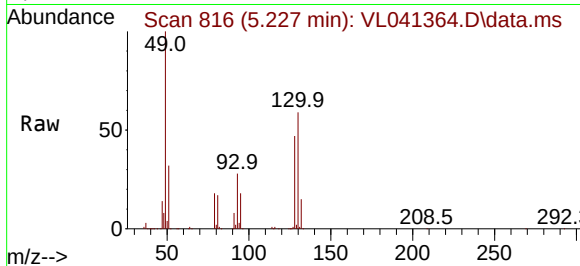




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.227 min Scan# 81
 Delta R.T. 0.026 min
 Lab File: VL041364.D
 Acq: 26 Jun 2024 18:27

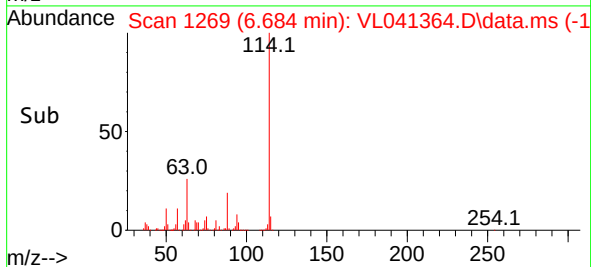
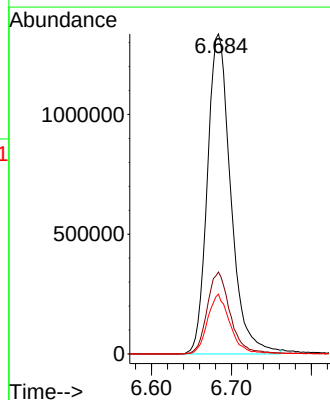
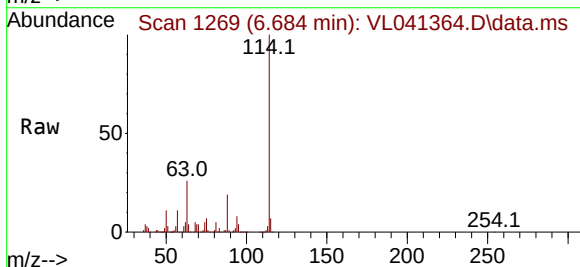
Instrument :
 MSVOA_L
 ClientSampleId :
 QC061924 CAN 10326

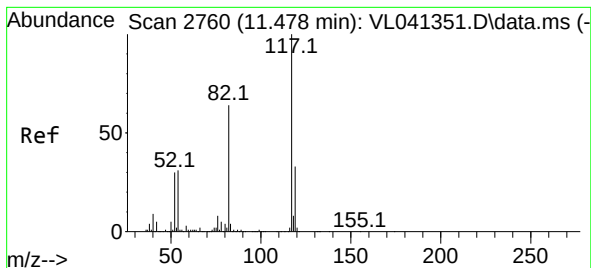
Tgt Ion: 49 Resp: 1022402
 Ion Ratio Lower Upper
 49 100
 128 47.5 22.8 68.3
 130 59.0 28.9 86.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.684 min Scan# 1269
 Delta R.T. 0.016 min
 Lab File: VL041364.D
 Acq: 26 Jun 2024 18:27

Tgt Ion: 114 Resp: 2720419
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.6 31.0
 88 18.2 14.6 21.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.494 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041364.D

Acq: 26 Jun 2024 18:27

Instrument :

MSVOA_1

ClientSampleId :

QC061924 CAN 10326

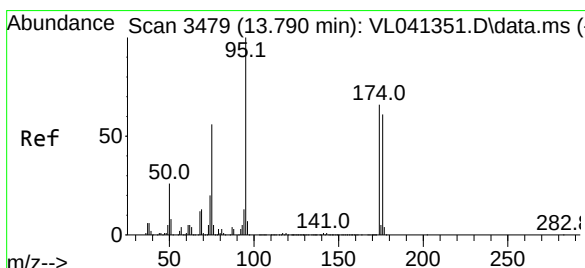
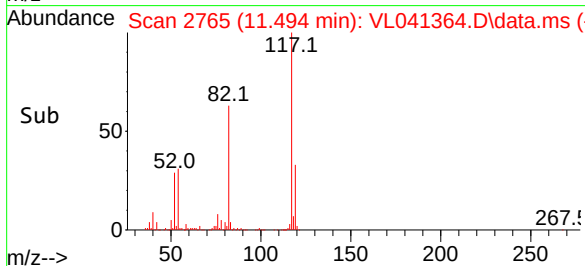
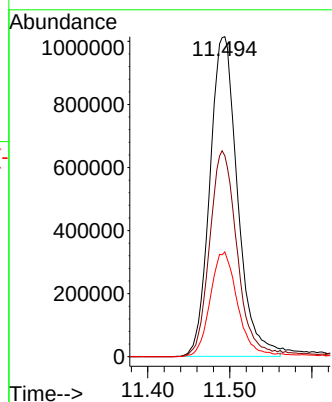
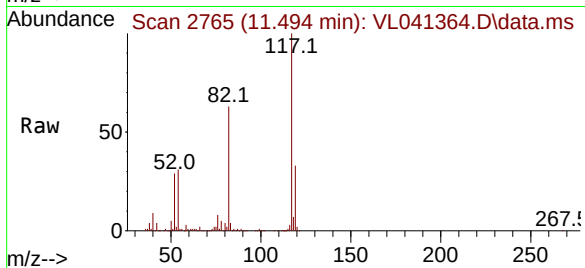
Tgt Ion:117 Resp: 2387937

Ion Ratio Lower Upper

117 100

82 66.2 50.6 75.8

119 33.1 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.219 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.006 min

Lab File: VL041364.D

Acq: 26 Jun 2024 18:27

Tgt Ion: 95 Resp: 1828976

Ion Ratio Lower Upper

95 100

174 65.1 53.1 79.7

175 4.7 4.0 6.0

