

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040468.D
 Acq On : 15 Jun 2023 15:18
 Operator : SY/MD
 Sample : QC060123 CAN 10410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060123 CAN 10410

Quant Time: Jun 16 05:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	936425	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2368990	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2016430	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1660382	9.977	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

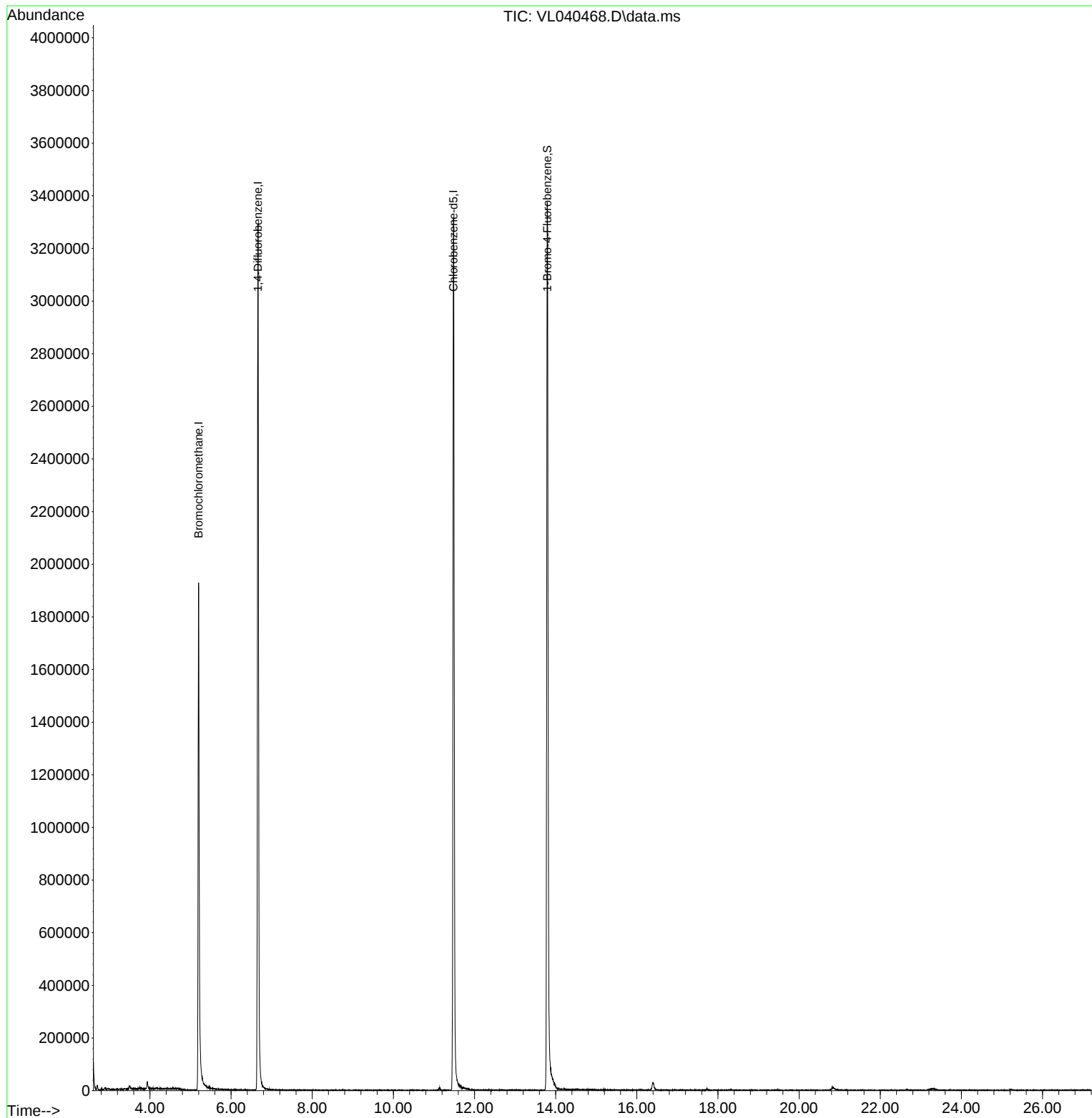
Target Compounds	Qvalue

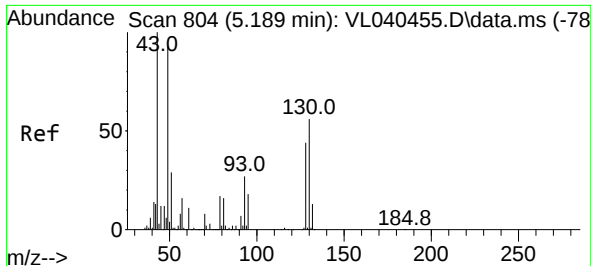
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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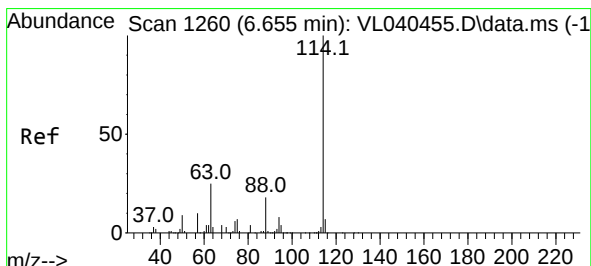
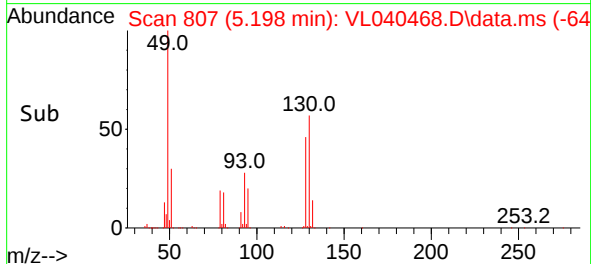
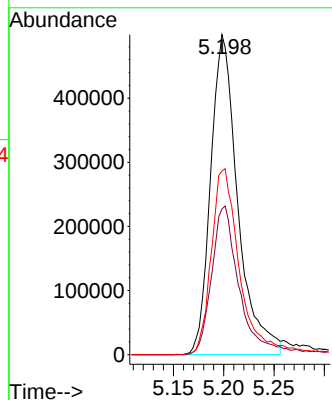
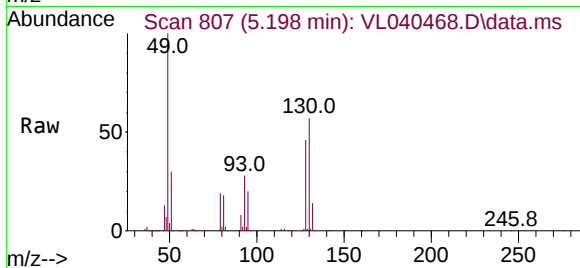




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.009 min
Lab File: VL040468.D
Acq: 15 Jun 2023 15:18

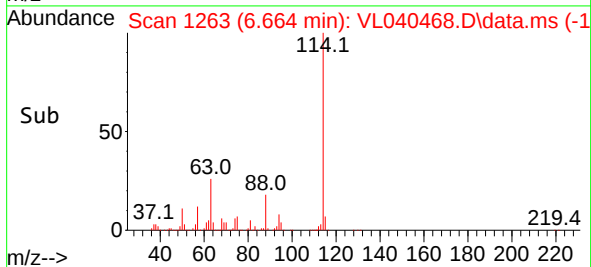
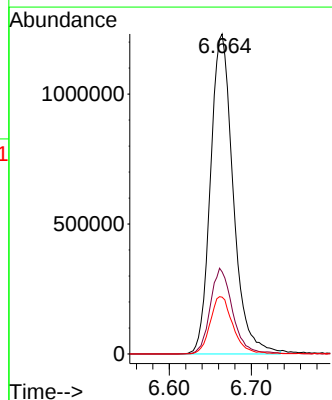
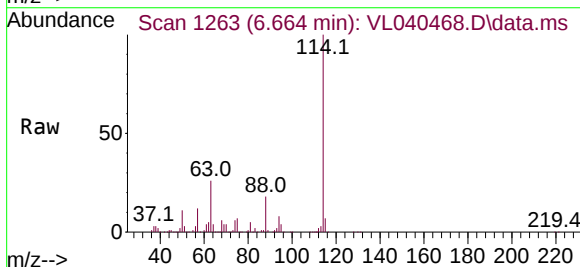
Instrument :
MSVOA_L
ClientSampleId :
QC060123 CAN 10410

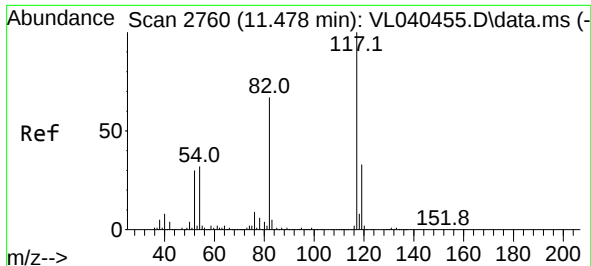
Tgt Ion: 49 Resp: 936425
Ion Ratio Lower Upper
49 100
128 49.2 24.7 74.1
130 62.7 31.4 94.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VL040468.D
Acq: 15 Jun 2023 15:18

Tgt Ion: 114 Resp: 2368990
Ion Ratio Lower Upper
114 100
63 26.6 21.0 31.6
88 18.0 14.5 21.7

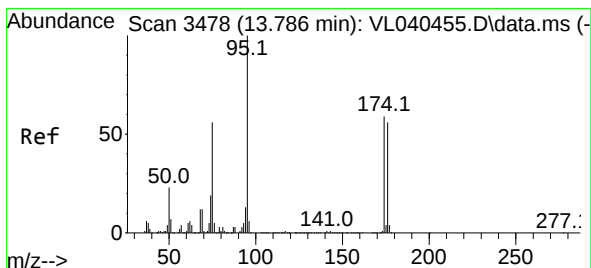
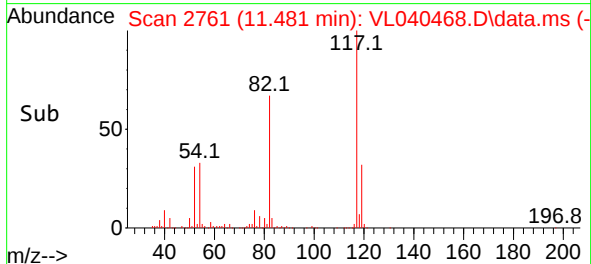
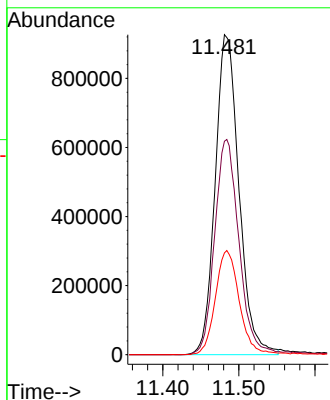
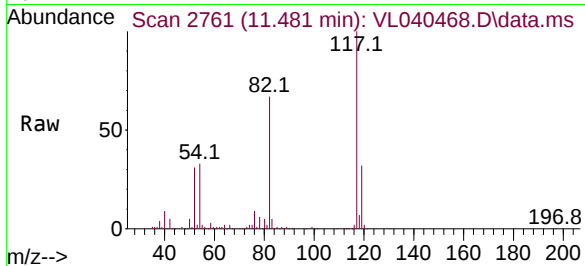




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040468.D
Acq: 15 Jun 2023 15:18

Instrument :
MSVOA_L
ClientSampleId :
QC060123 CAN 10410

Tgt Ion:117 Resp: 2016430
Ion Ratio Lower Upper
117 100
82 69.2 53.0 79.4
119 33.2 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.977 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.006 min
Lab File: VL040468.D
Acq: 15 Jun 2023 15:18

Tgt Ion: 95 Resp: 1660382
Ion Ratio Lower Upper
95 100
174 61.1 47.7 71.5
175 4.2 3.5 5.3

