

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040441.D
 Acq On : 16 May 2023 17:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 17 05:15:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1037933	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2605633	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2188483	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1736776	9.870	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

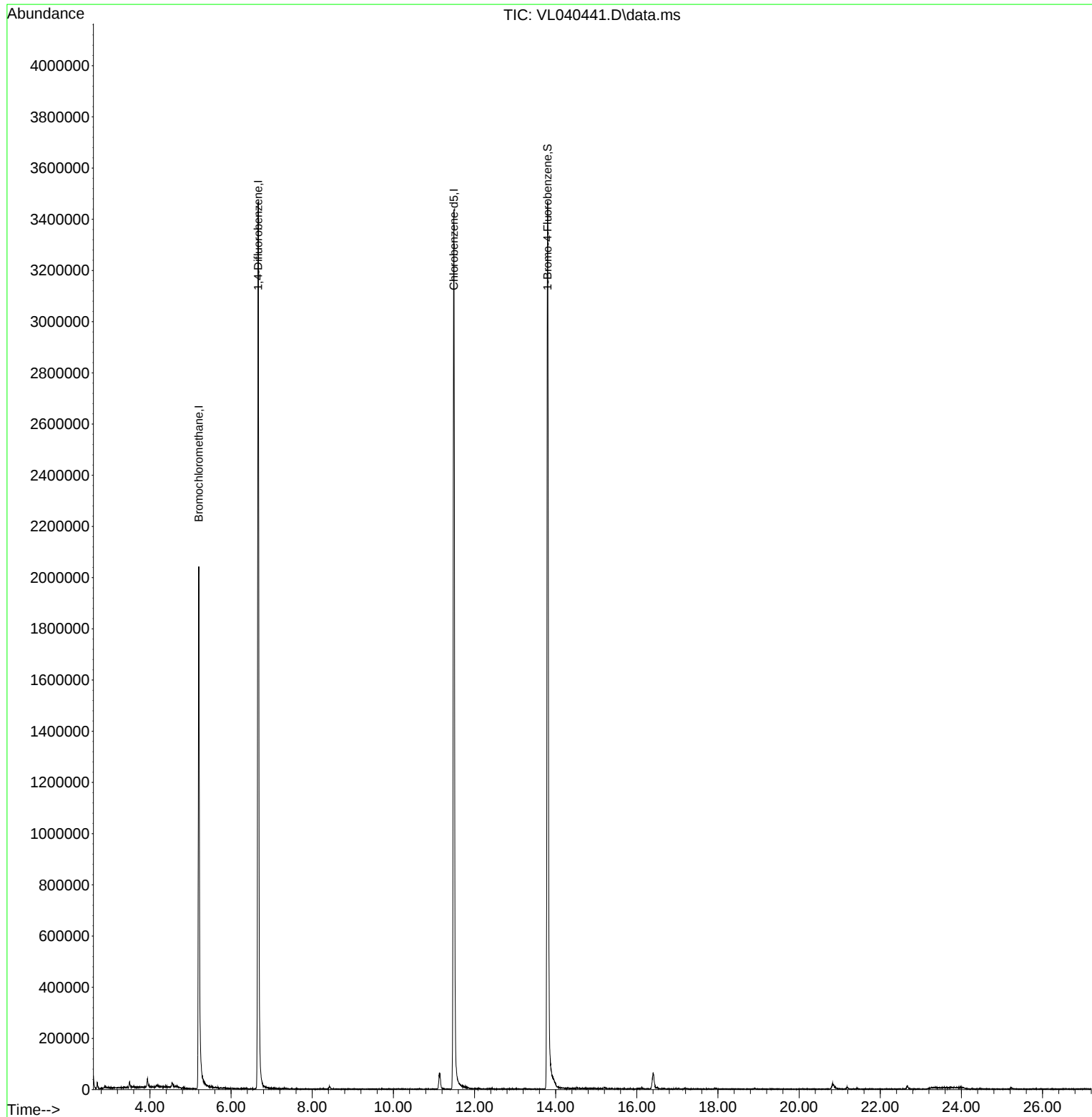
Target Compounds	Qvalue

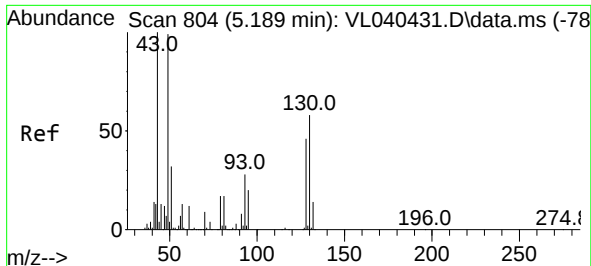
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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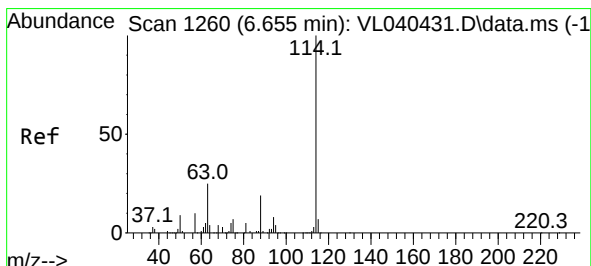
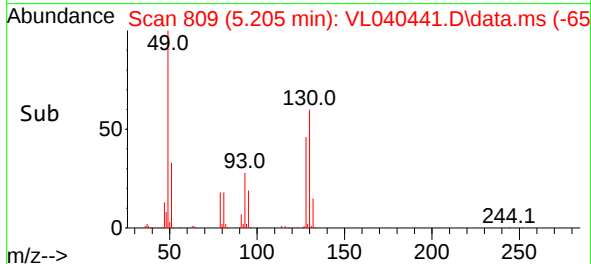
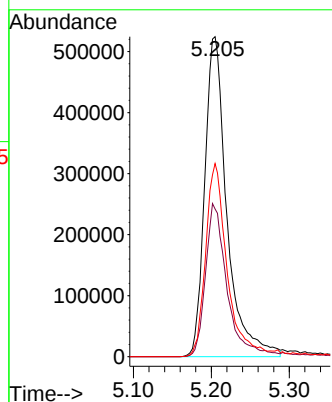
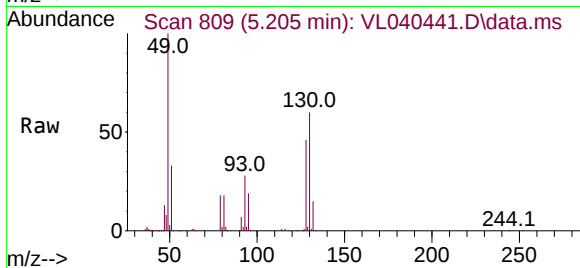




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040441.D
Acq: 16 May 2023 17:00

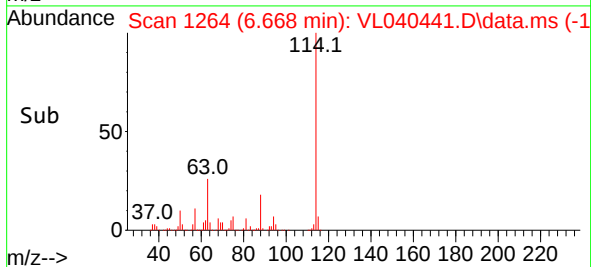
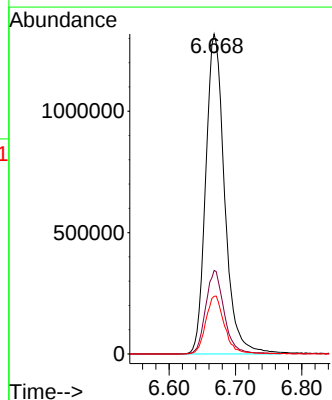
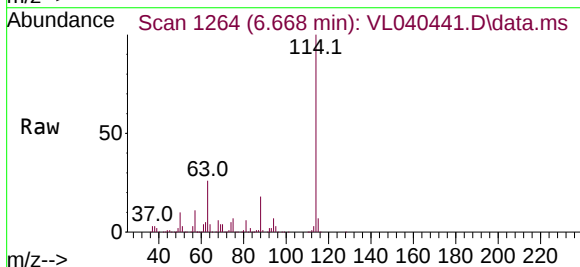
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

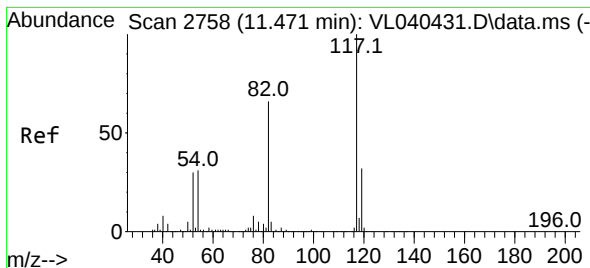
Tgt Ion: 49 Resp: 1037933
Ion Ratio Lower Upper
49 100
128 47.0 24.3 72.8
130 61.0 30.2 90.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VL040441.D
Acq: 16 May 2023 17:00

Tgt Ion: 114 Resp: 2605633
Ion Ratio Lower Upper
114 100
63 25.9 21.0 31.6
88 18.0 14.6 22.0

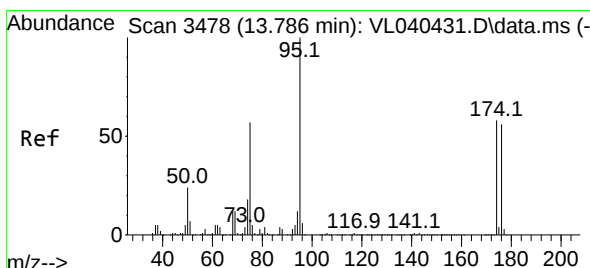
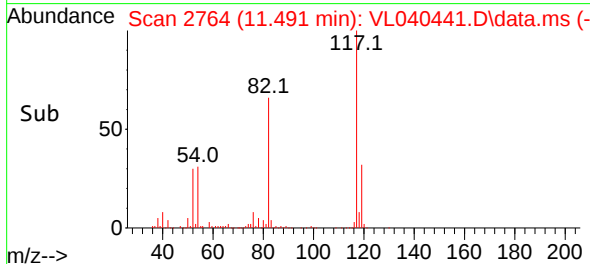
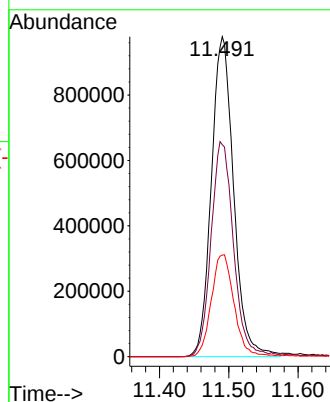
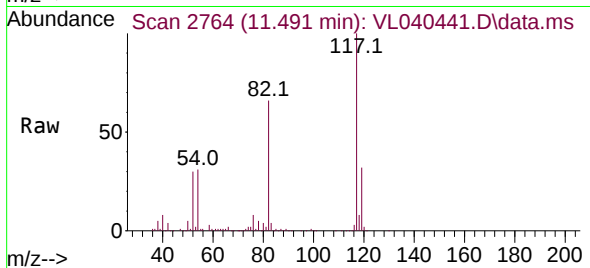




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040441.D
Acq: 16 May 2023 17:00

Instrument :
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ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2188483
Ion Ratio Lower Upper
117 100
82 68.3 52.5 78.7
119 32.8 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.870 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL040441.D
Acq: 16 May 2023 17:00

Tgt Ion: 95 Resp: 1736776
Ion Ratio Lower Upper
95 100
174 60.7 47.0 70.6
175 4.2 3.4 5.0

