

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040698.D
 Acq On : 18 Sep 2023 14:22
 Operator : SY/MD
 Sample : QC091523 CAN 10271
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 05:18:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

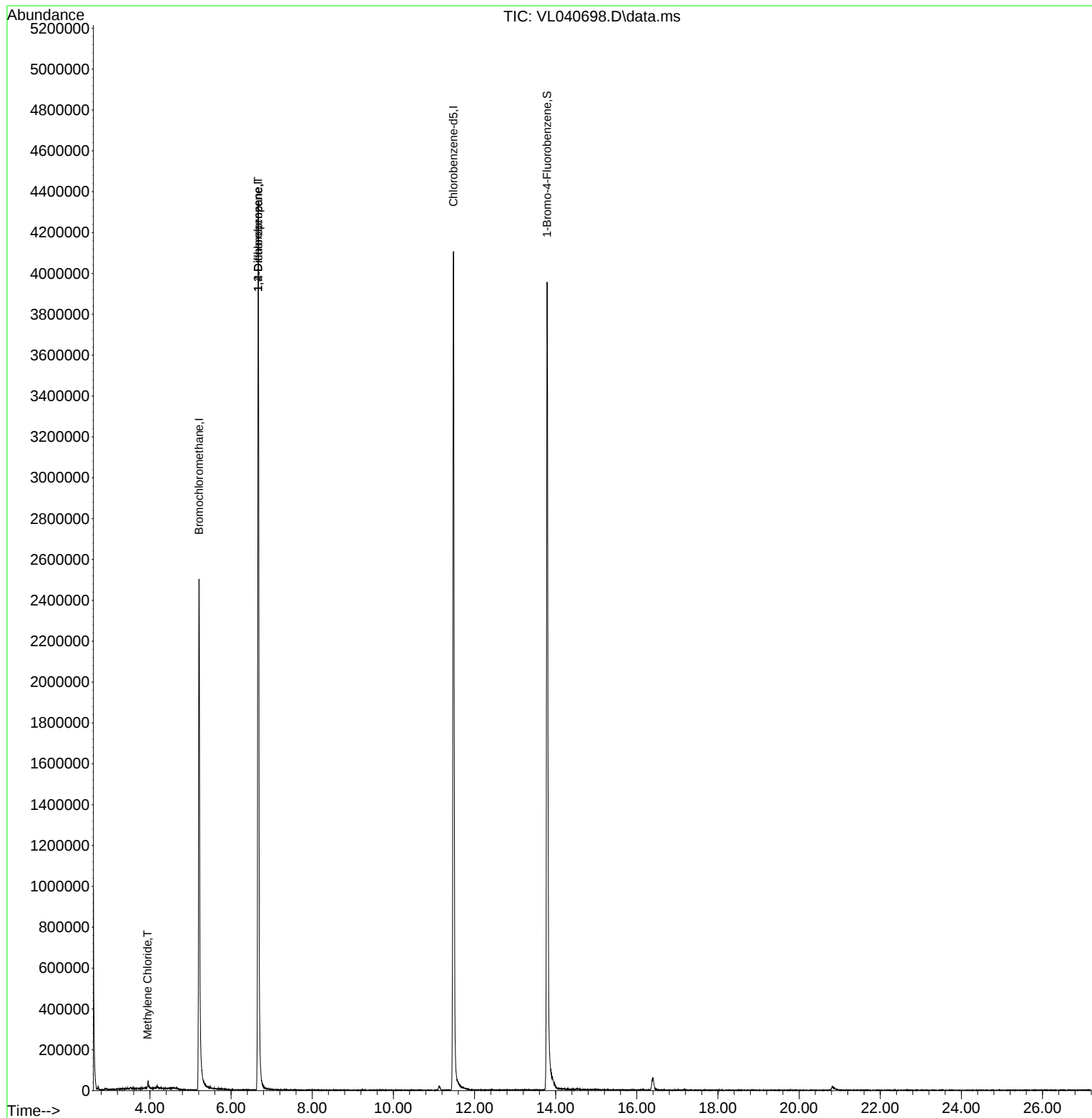
Internal Standards						
1) Bromochloromethane	5.211	49	1238302	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.668	114	3330800	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2637006	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1939534	9.520	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.944	84	3242	0.037	ppbv #	61
39) 1,2-Dichloropropane	6.668	63	818533	8.622	ppbv #	23

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

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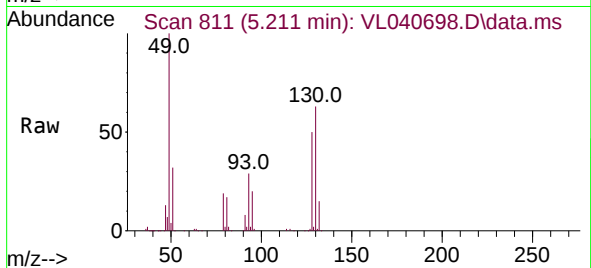
Quant Time: Sep 19 05:18:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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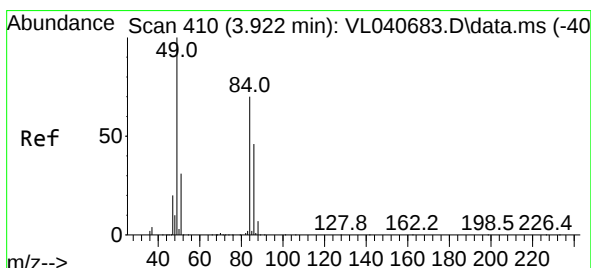
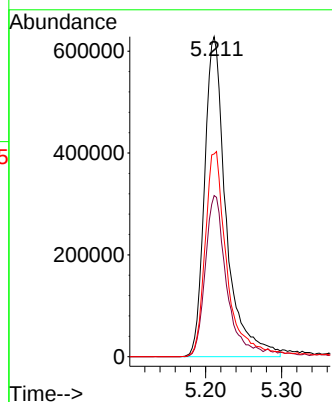
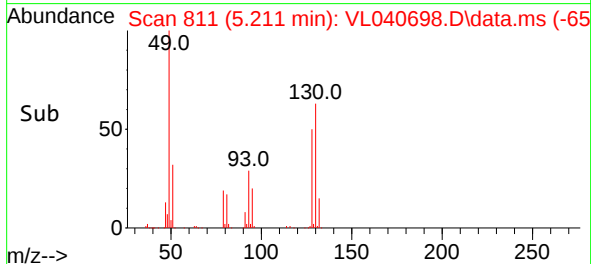


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL040698.D
Acq: 18 Sep 2023 14:22

Instrument :
MSVOA_L
ClientSampleId :

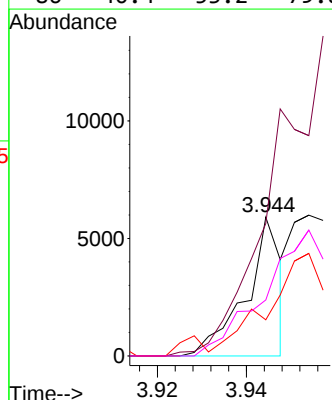
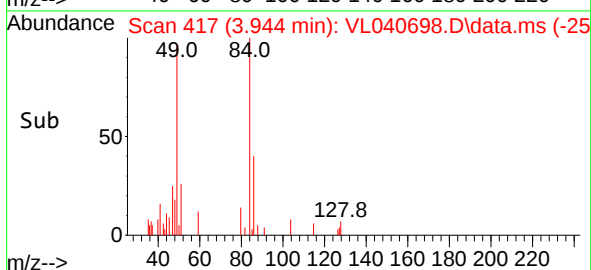
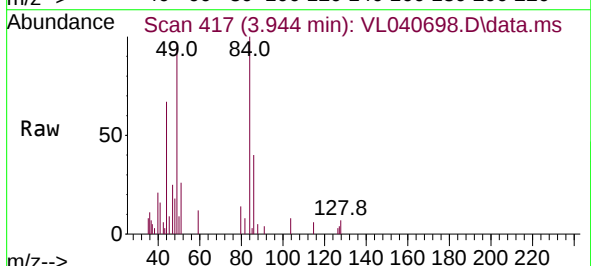


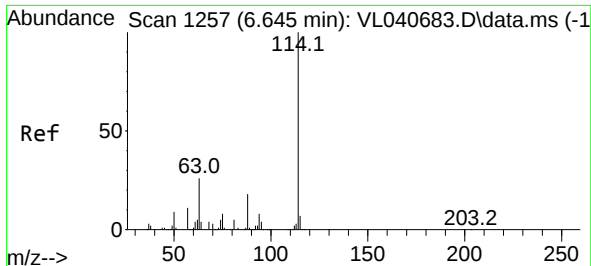
Tgt Ion: 49 Resp: 1238302
Ion Ratio Lower Upper
49 100
128 52.6 25.4 76.0
130 67.1 32.3 96.8



#20
Methylene Chloride
Concen: 0.037 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL040698.D
Acq: 18 Sep 2023 14:22

Tgt Ion: 84 Resp: 3242
Ion Ratio Lower Upper
84 100
49 92.7 114.4 171.6#
51 16.6 35.5 53.3#
86 40.4 53.2 79.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 1264

Delta R.T. 0.007 min

Lab File: VL040698.D

Acq: 18 Sep 2023 14:22

Instrument :

MSVOA_L

ClientSampleId :

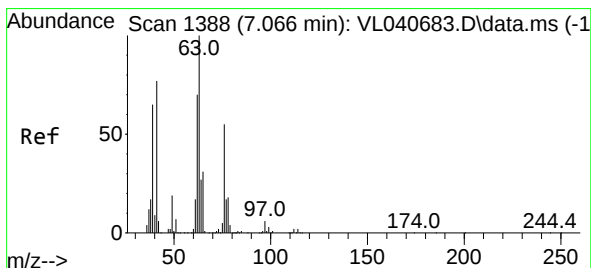
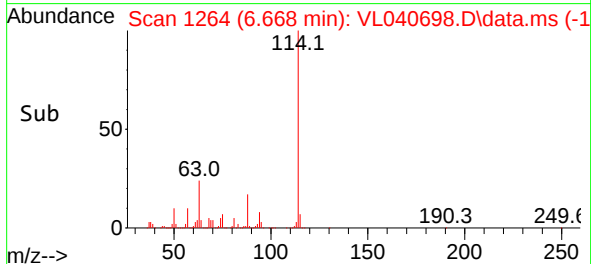
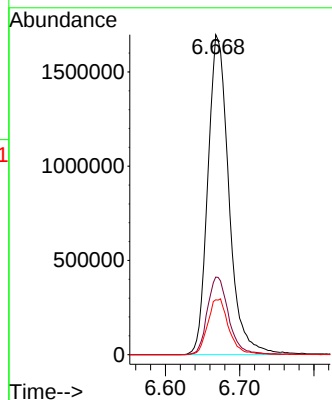
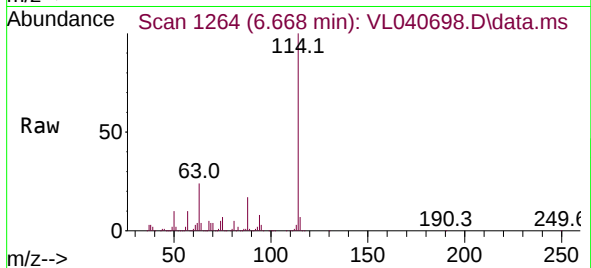
Tgt Ion:114 Resp: 3330800

Ion Ratio Lower Upper

114 100

63 24.9 21.1 31.7

88 17.6 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.622 ppbv

RT: 6.668 min Scan# 1264

Delta R.T. -0.415 min

Lab File: VL040698.D

Acq: 18 Sep 2023 14:22

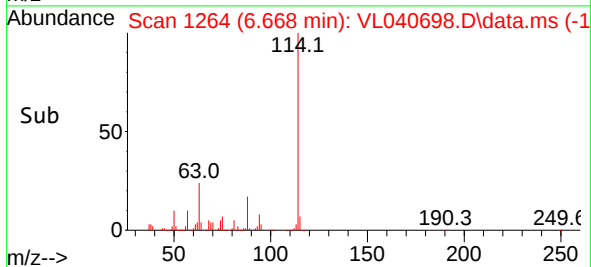
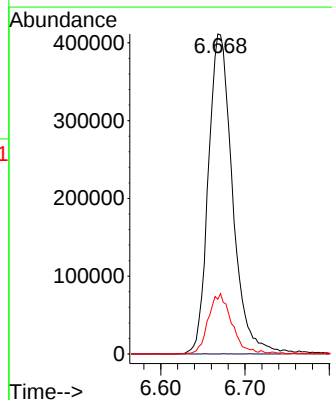
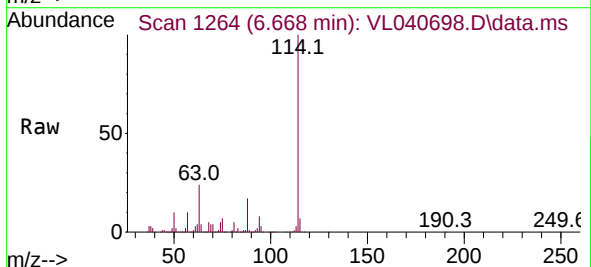
Tgt Ion: 63 Resp: 818533

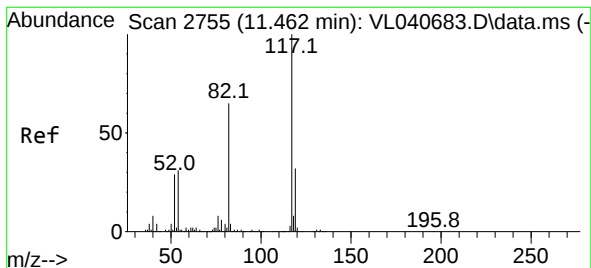
Ion Ratio Lower Upper

63 100

41 0.0 61.6 92.4#

62 17.1 55.8 83.8#

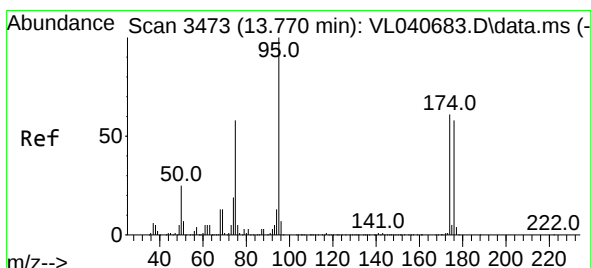
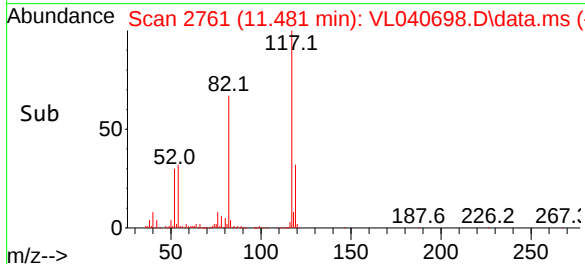
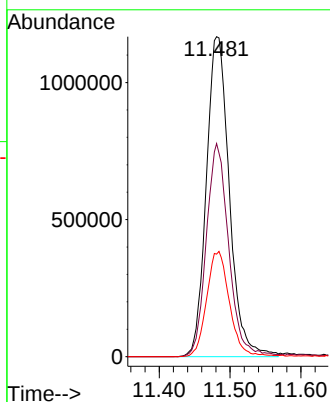
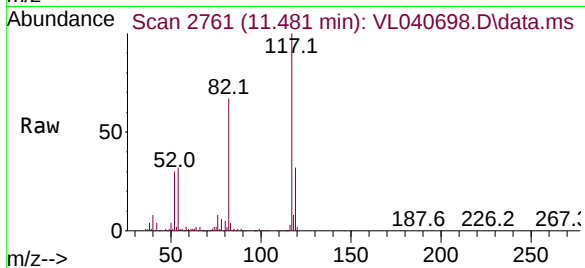




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040698.D
Acq: 18 Sep 2023 14:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2637006
Ion Ratio Lower Upper
117 100
82 64.9 51.4 77.0
119 32.8 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.520 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.003 min
Lab File: VL040698.D
Acq: 18 Sep 2023 14:22

Tgt Ion: 95 Resp: 1939534
Ion Ratio Lower Upper
95 100
174 64.7 48.9 73.3
175 4.5 3.5 5.3

