

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040731.D
 Acq On : 27 Sep 2023 17:33
 Operator : SY/MD
 Sample : QC091923 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 28 01:45:21 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)

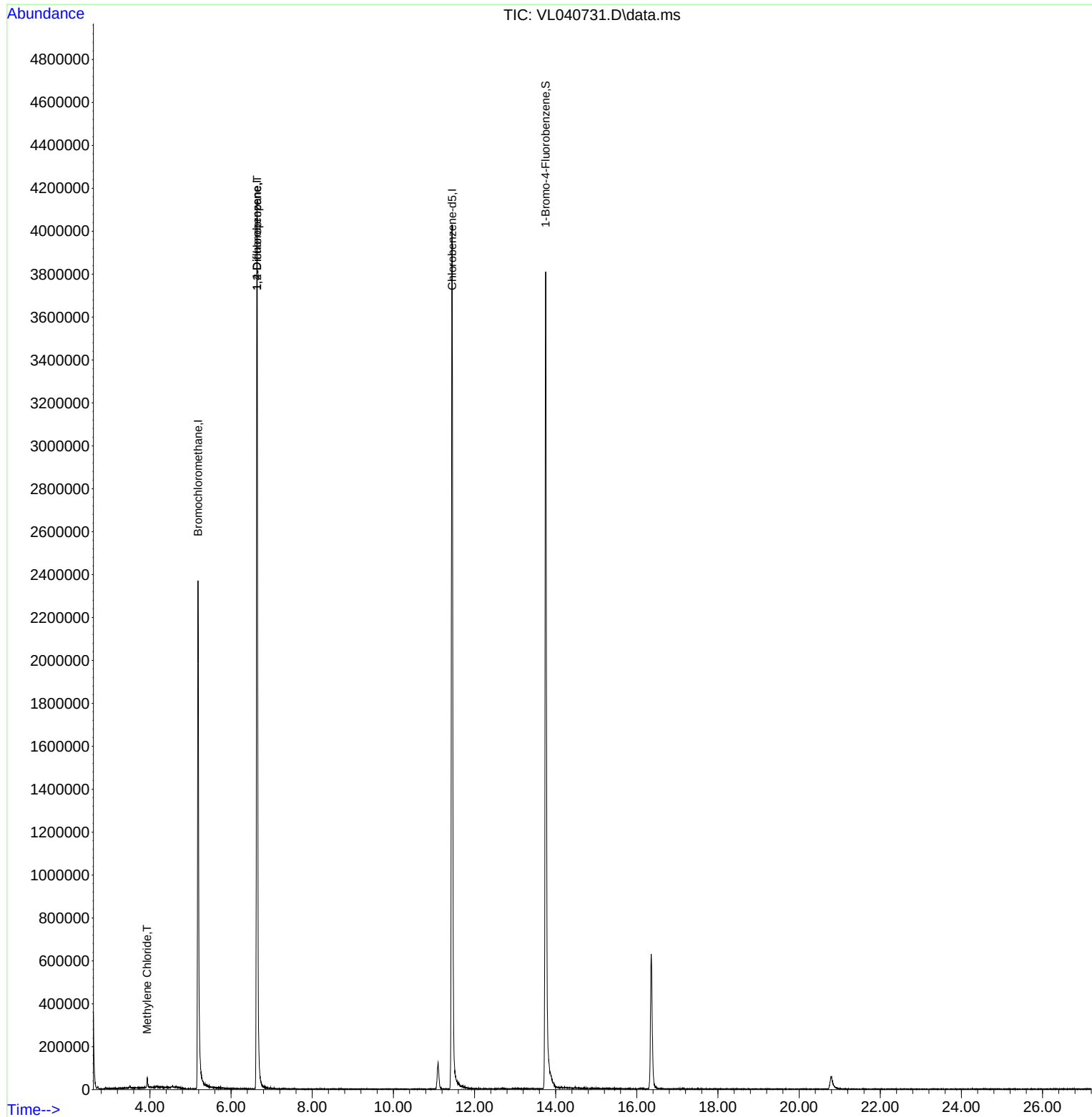
Internal Standards						
1) Bromochloromethane	5.185	49	1165243	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	3323637	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.446	117	2803561	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1979768	9.140	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.931	84	12129	0.147	ppbv #	89
39) 1,2-Dichloropropane	6.642	63	780133	8.235	ppbv #	23

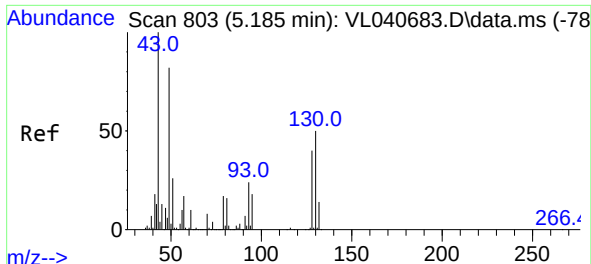
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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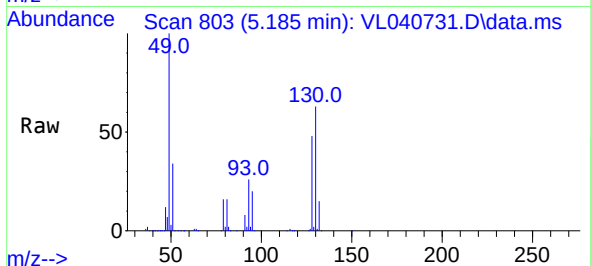
Quant Time: Sep 28 01:45:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
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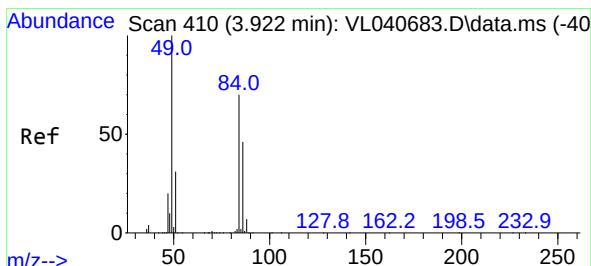
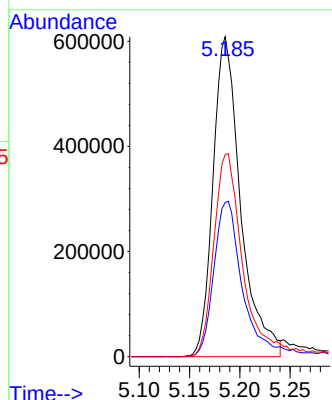
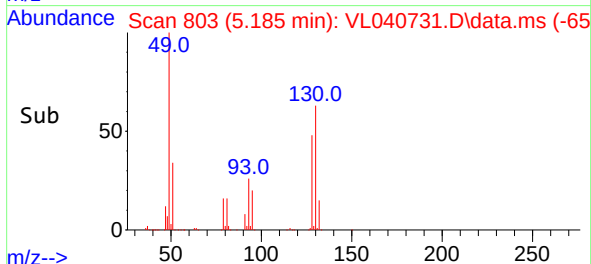


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040731.D
Acq: 27 Sep 2023 17:33

Instrument :
MSVOA_L
ClientSampleId :

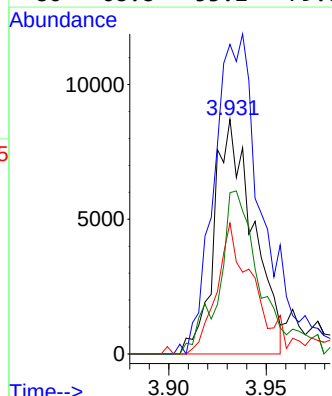
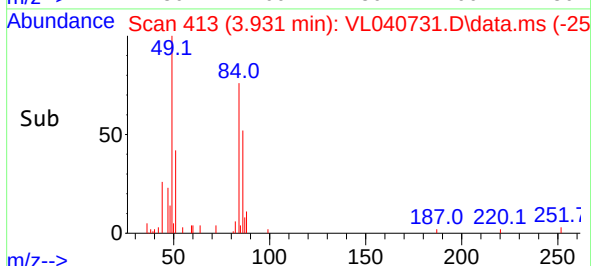
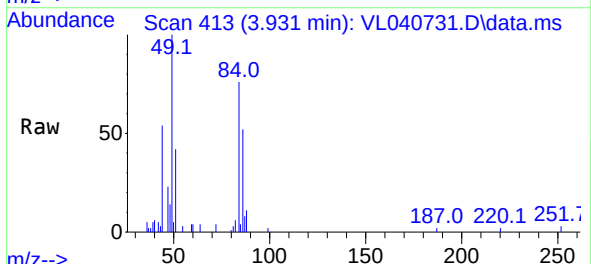


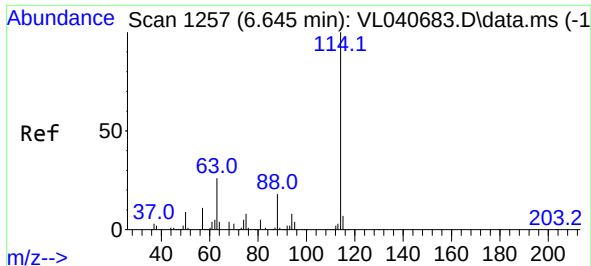
Tgt Ion: 49 Resp: 1165243
Ion Ratio Lower Upper
49 100
128 52.0 25.4 76.0
130 68.3 32.3 96.8



#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040731.D
Acq: 27 Sep 2023 17:33

Tgt Ion: 84 Resp: 12129
Ion Ratio Lower Upper
84 100
49 127.8 114.4 171.6
51 55.8 35.5 53.3#
86 68.8 53.2 79.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040731.D

Acq: 27 Sep 2023 17:33

Instrument :

MSVOA_L

ClientSampleId :

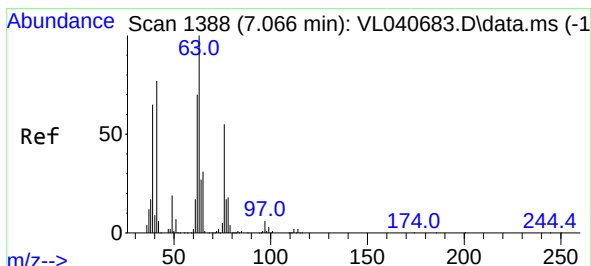
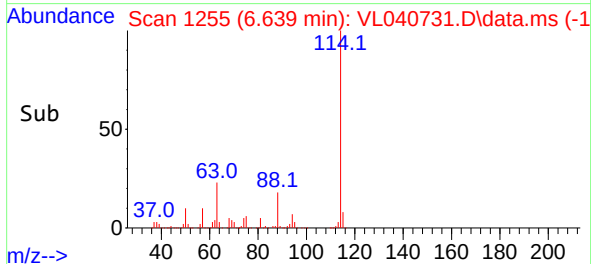
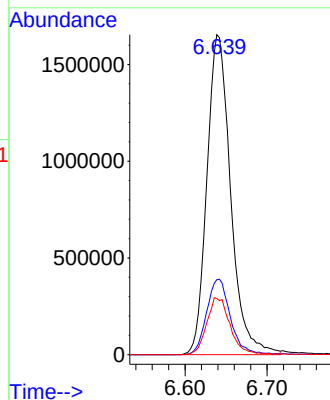
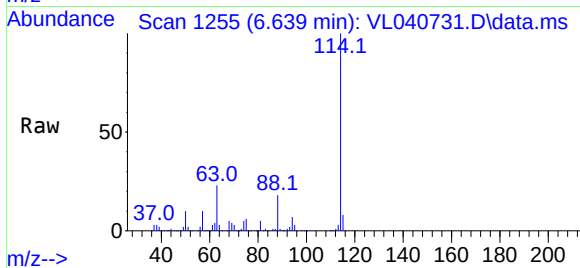
Tgt Ion:114 Resp: 3323637

Ion Ratio Lower Upper

114 100

63 23.9 21.1 31.7

88 17.7 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.235 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.440 min

Lab File: VL040731.D

Acq: 27 Sep 2023 17:33

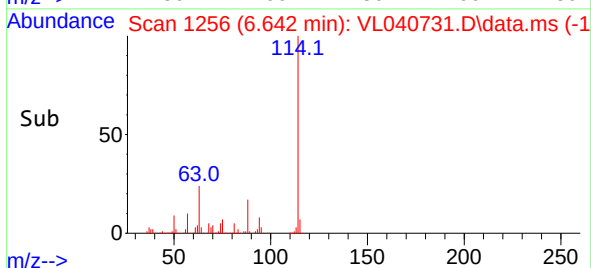
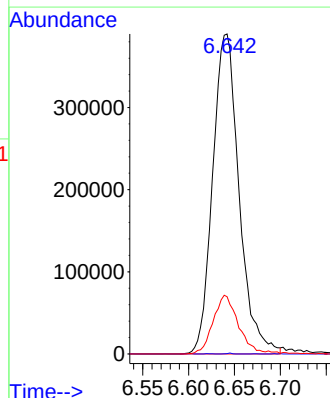
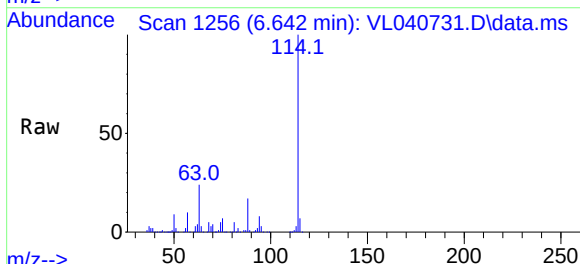
Tgt Ion: 63 Resp: 780133

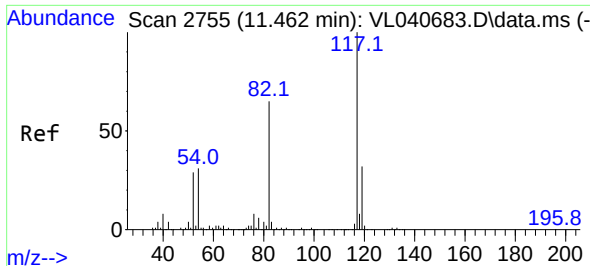
Ion Ratio Lower Upper

63 100

41 0.1 61.6 92.4#

62 17.9 55.8 83.8#

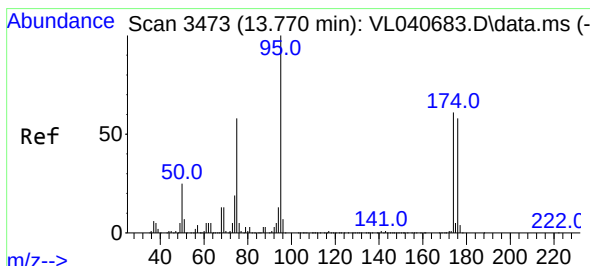
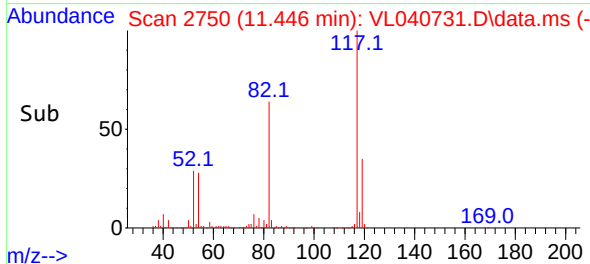
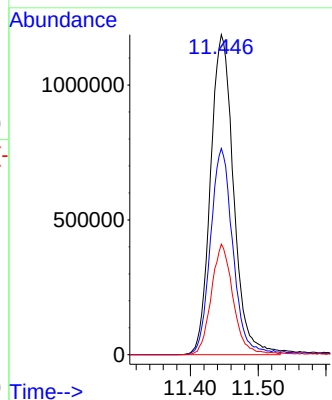
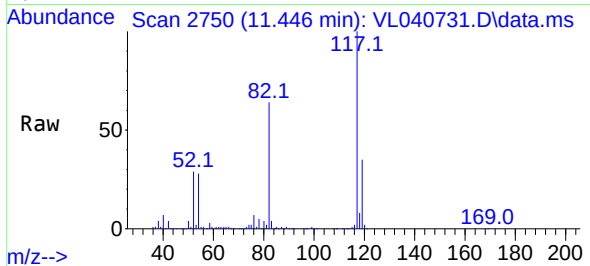




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040731.D
Acq: 27 Sep 2023 17:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2803561
Ion Ratio Lower Upper
117 100
82 64.1 51.4 77.0
119 33.3 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.140 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.032 min
Lab File: VL040731.D
Acq: 27 Sep 2023 17:33

Tgt Ion: 95 Resp: 1979768
Ion Ratio Lower Upper
95 100
174 68.0 48.9 73.3
175 4.8 3.5 5.3

