

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
 Data File : VL041100.D
 Acq On : 12 Mar 2024 15:46
 Operator : SY/MD
 Sample : QC022624 CAN 10054
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022624 CAN 10054

Quant Time: Mar 13 01:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 13 01:22:02 2024
 Response via : Initial Calibration

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

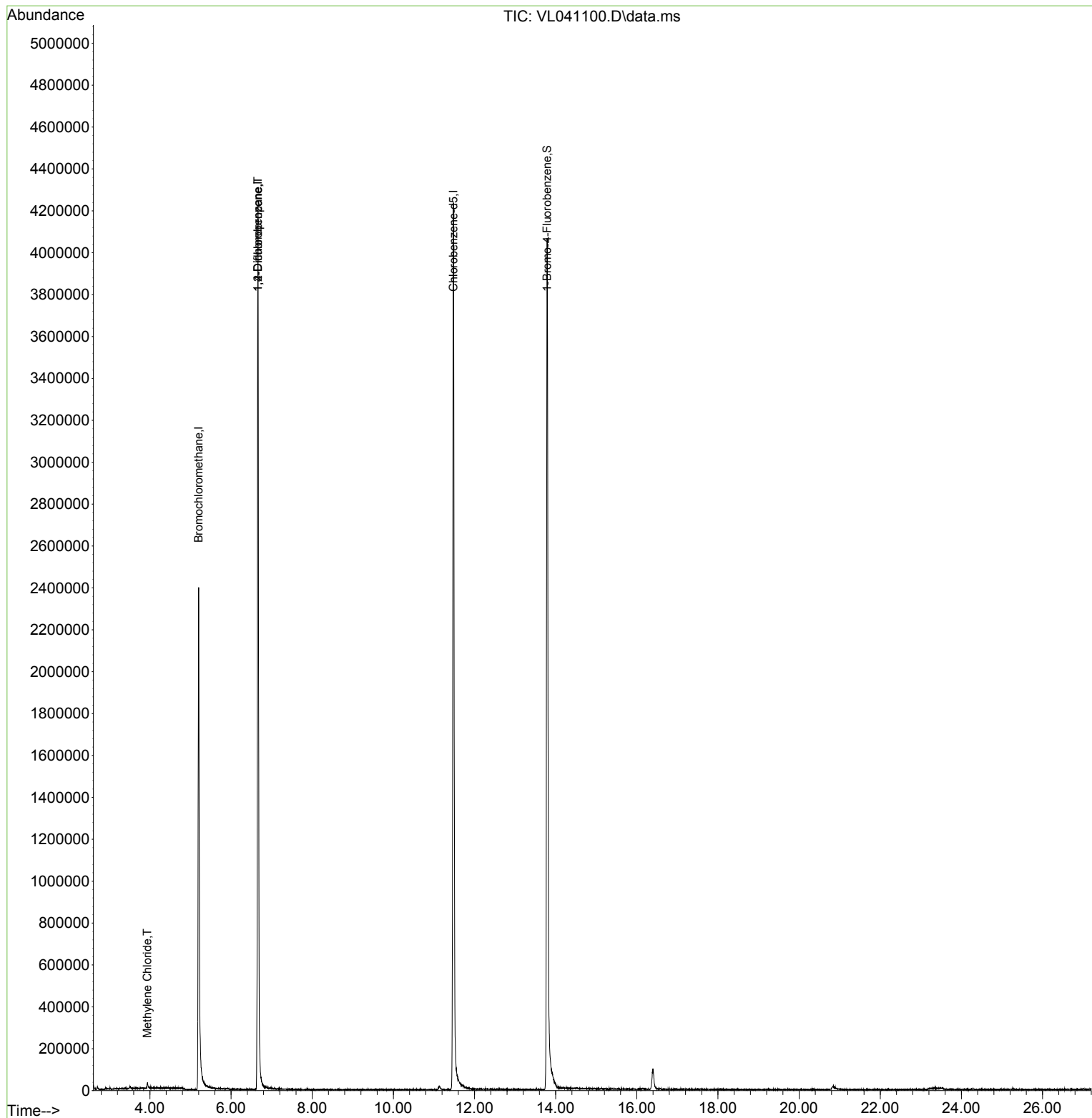
Internal Standards							
1) Bromochloromethane		5.201	49	1245991	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.661	114	3116396	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.481	117	2698345	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.789	95	2111886	10.010	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds							
						Qvalue	
20) Methylene Chloride		3.938	84	4121	0.074	ppbv #	69
39) 1,2-Dichloropropane		6.661	63	804770	8.673	ppbv #	22

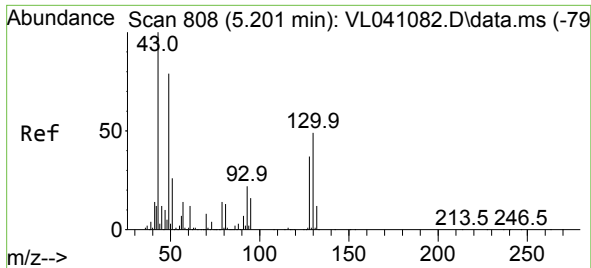
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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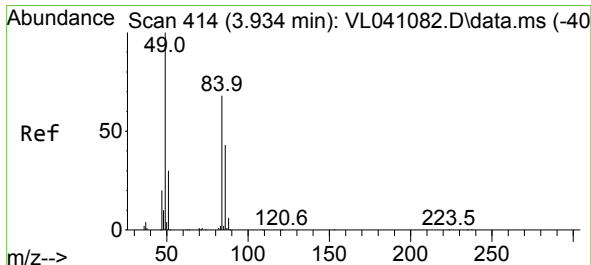
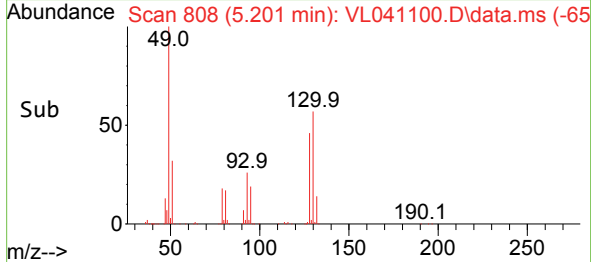
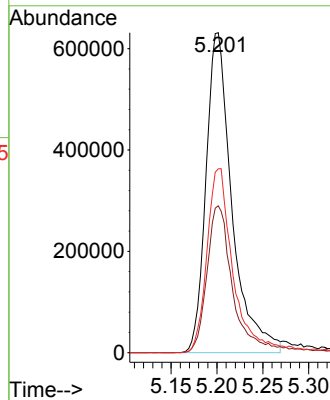
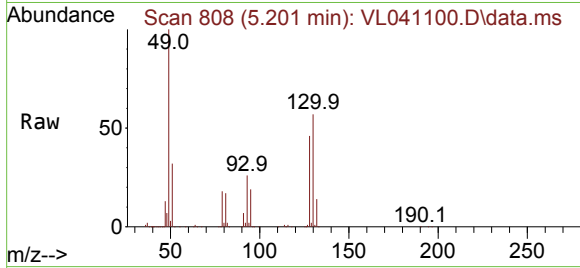




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.009 min
Lab File: VL041100.D
Acq: 12 Mar 2024 15:46

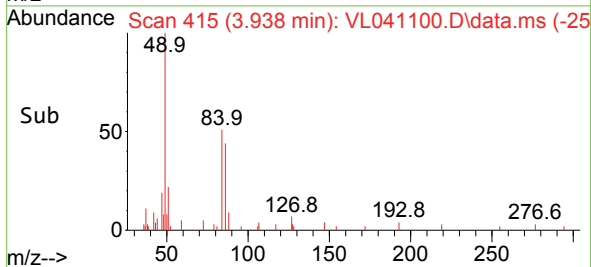
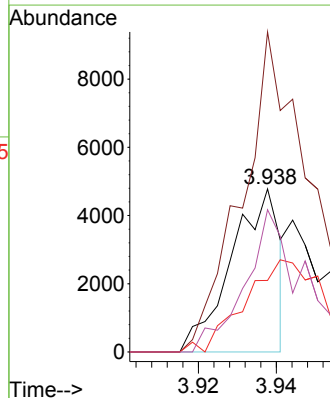
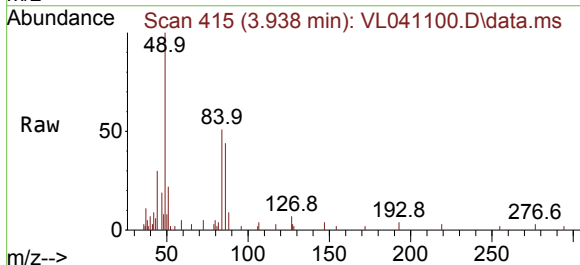
Instrument :
MSVOA_L
ClientSampleId :
QC022624 CAN 10054

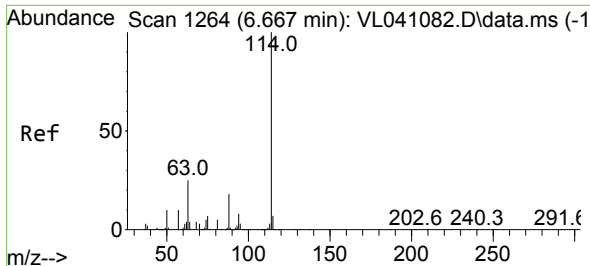
Tgt Ion: 49 Resp: 1245991
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.5
130 58.8 30.3 90.9



#20
Methylene Chloride
Concen: 0.074 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.010 min
Lab File: VL041100.D
Acq: 12 Mar 2024 15:46

Tgt Ion: 84 Resp: 4121
Ion Ratio Lower Upper
84 100
49 196.3 117.0 175.6#
51 43.9 34.9 52.3
86 87.3 49.8 74.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VL041100.D

Acq: 12 Mar 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

QC022624 CAN 10054

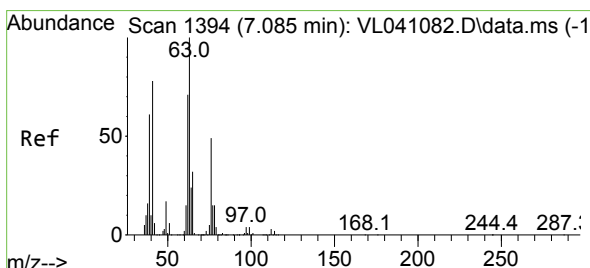
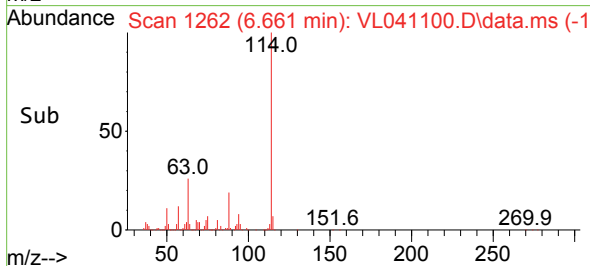
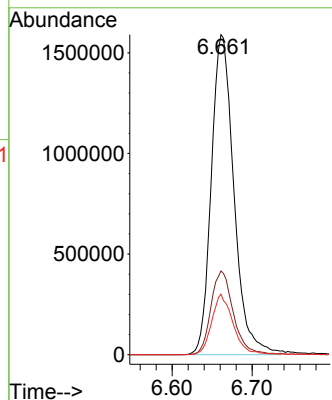
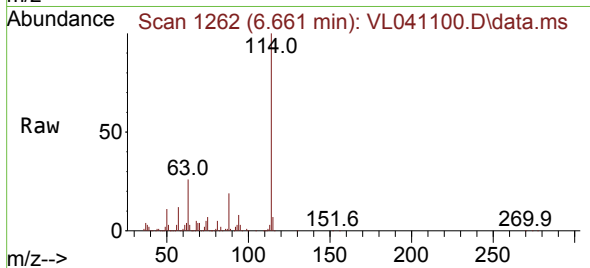
Tgt Ion:114 Resp: 3116396

Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

88 18.0 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.673 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. -0.415 min

Lab File: VL041100.D

Acq: 12 Mar 2024 15:46

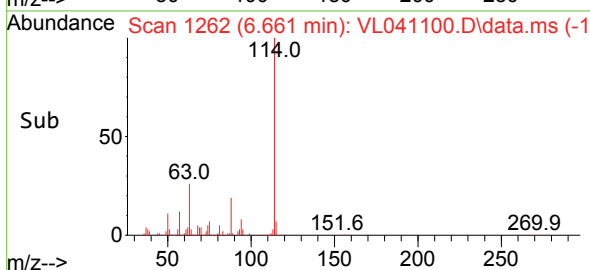
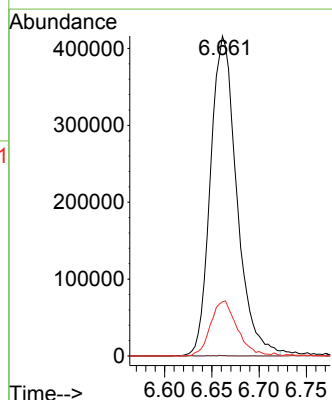
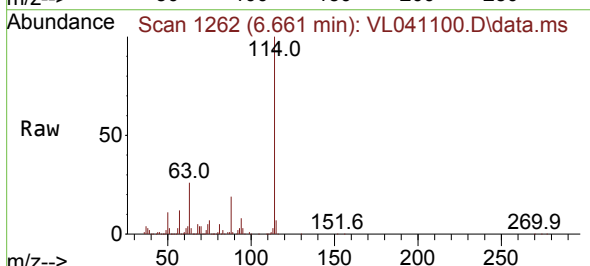
Tgt Ion: 63 Resp: 804770

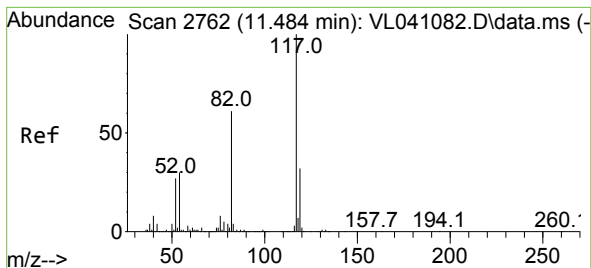
Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 16.9 57.0 85.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041100.D

Acq: 12 Mar 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

QC022624 CAN 10054

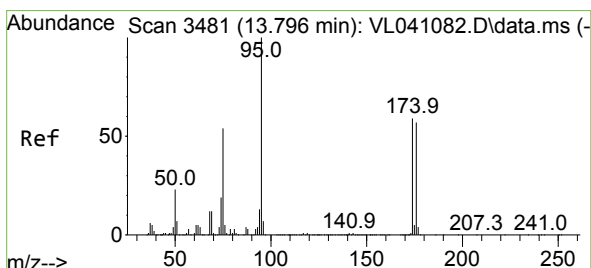
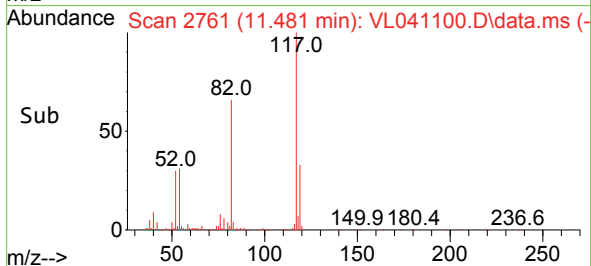
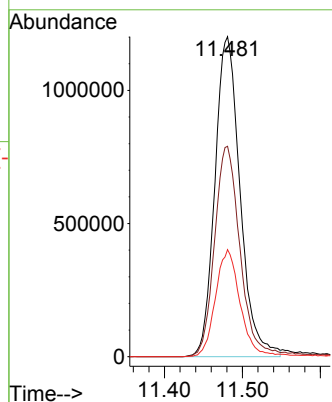
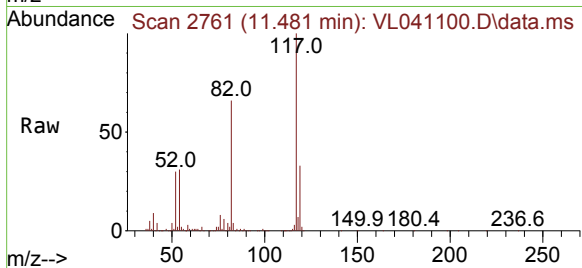
Tgt Ion:117 Resp: 2698345

Ion Ratio Lower Upper

117 100

82 68.4 51.4 77.2

119 33.5 23.7 35.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.010 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.006 min

Lab File: VL041100.D

Acq: 12 Mar 2024 15:46

Tgt Ion: 95 Resp: 2111886

Ion Ratio Lower Upper

95 100

174 62.0 47.8 71.8

175 4.6 3.5 5.3

