

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039867.D
 Acq On : 10 Nov 2022 17:18
 Operator : SY/AP
 Sample : VL1110ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 05:01:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

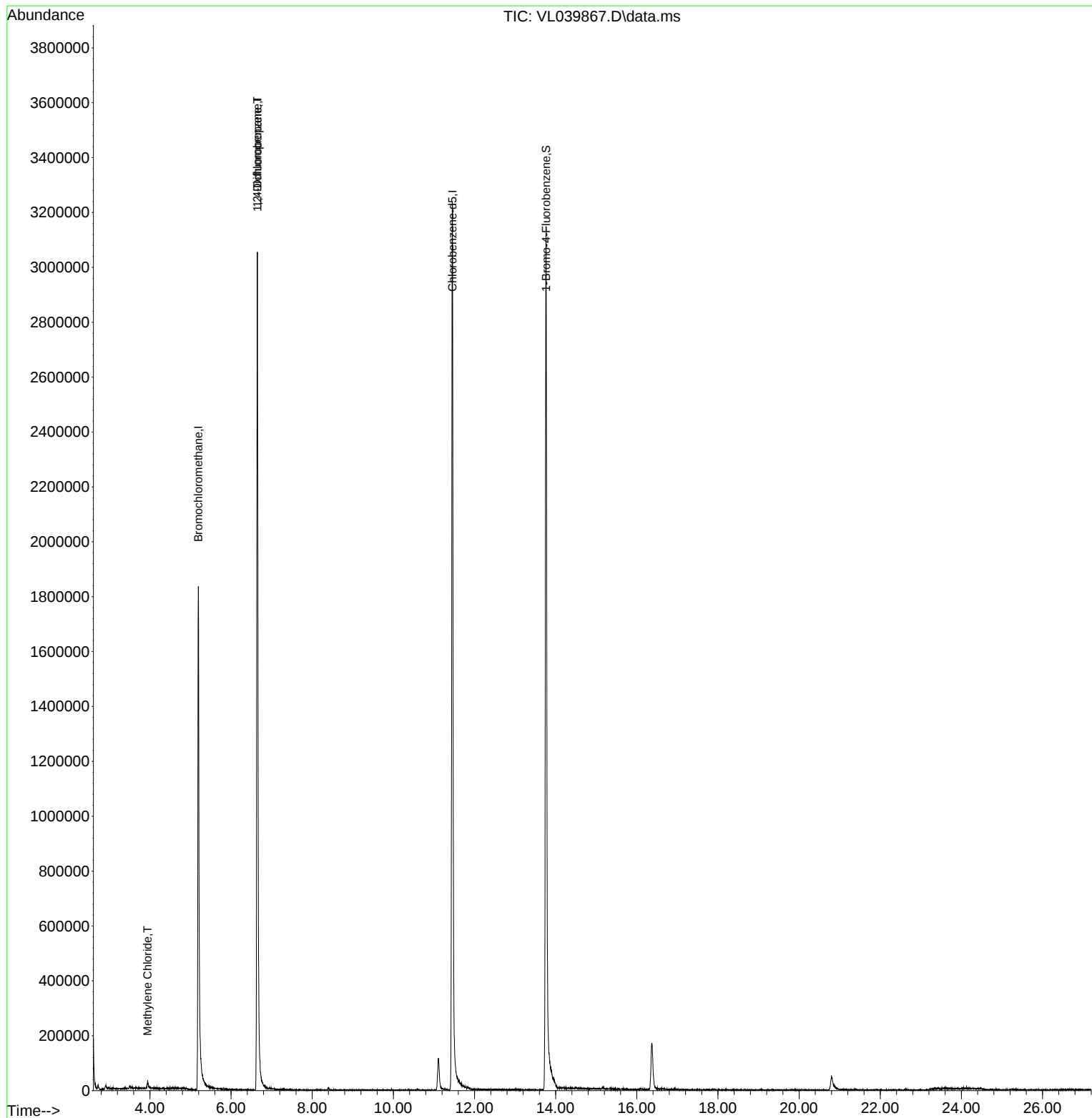
Internal Standards						
1) Bromochloromethane	5.192	49	1028736	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2307270	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2060540	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1653732	10.722	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.200%
Target Compounds						Qvalue
20) Methylene Chloride	3.944	84	6437	0.144	ppbv	85
39) 1,2-Dichloropropane	6.645	63	645347	8.510	ppbv #	28

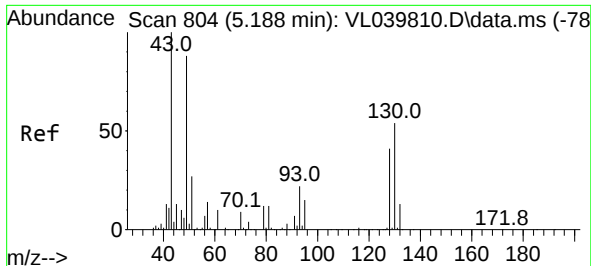
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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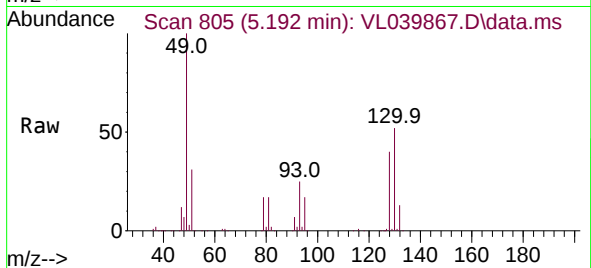
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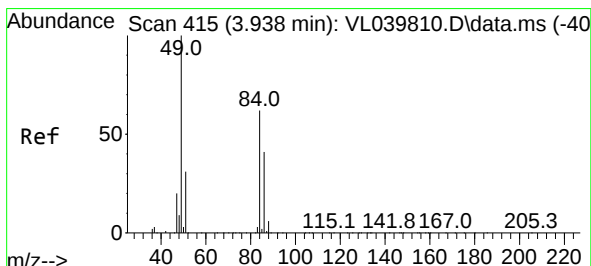
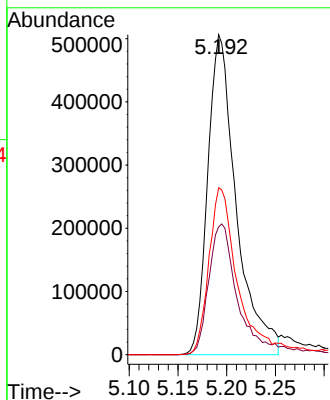
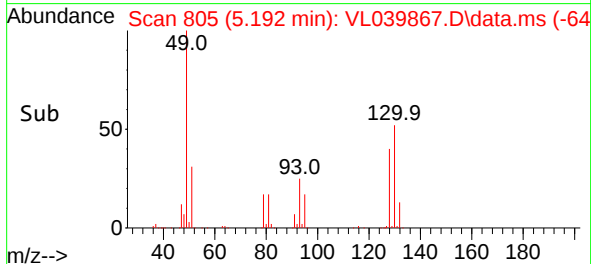


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.004 min
Lab File: VL039867.D
Acq: 10 Nov 2022 17:18

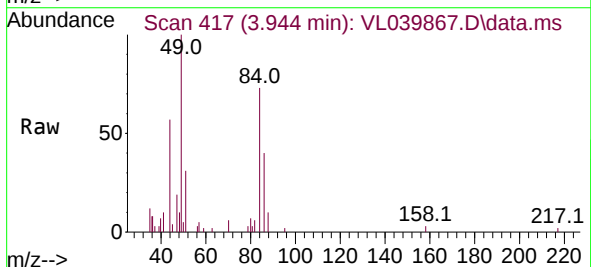
Instrument :
MSVOA_L
ClientSampleId :



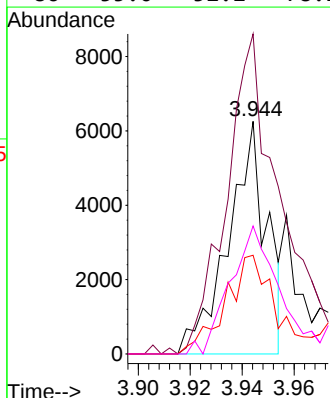
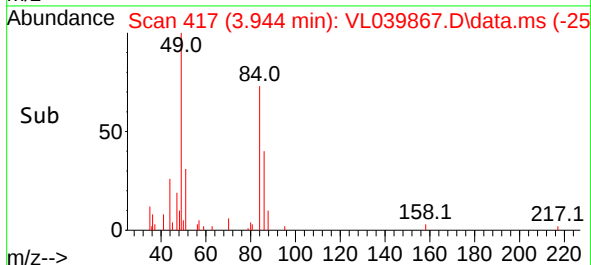
Tgt Ion: 49 Resp: 1028736
Ion Ratio Lower Upper
49 100
128 43.1 24.6 73.6
130 55.9 31.1 93.2

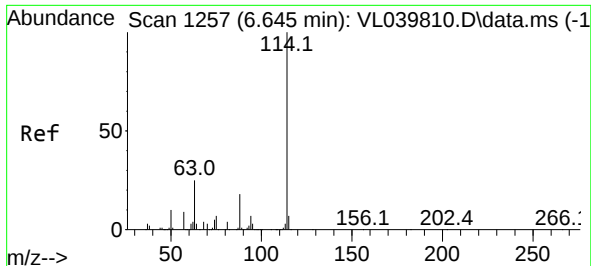


#20
Methylene Chloride
Concen: 0.144 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.006 min
Lab File: VL039867.D
Acq: 10 Nov 2022 17:18



Tgt Ion: 84 Resp: 6437
Ion Ratio Lower Upper
84 100
49 137.5 128.6 192.8
51 42.5 40.2 60.4
86 55.0 52.2 78.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039867.D

Acq: 10 Nov 2022 17:18

Instrument :

MSVOA_L

ClientSampleId :

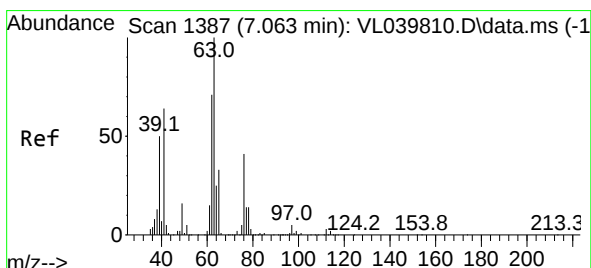
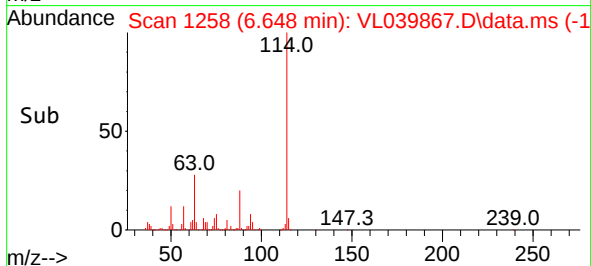
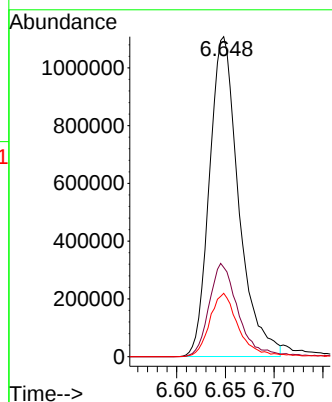
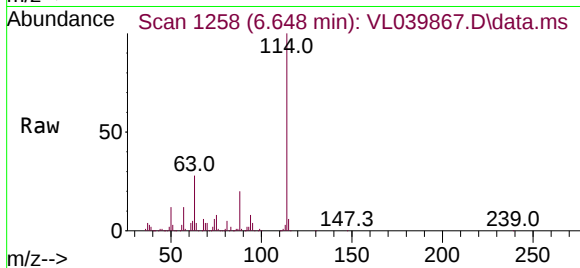
Tgt Ion:114 Resp: 2307270

Ion Ratio Lower Upper

114 100

63 29.4 19.8 29.6

88 20.0 14.4 21.6



#39

1,2-Dichloropropane

Concen: 8.510 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.418 min

Lab File: VL039867.D

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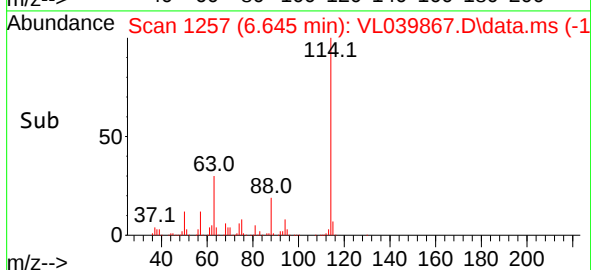
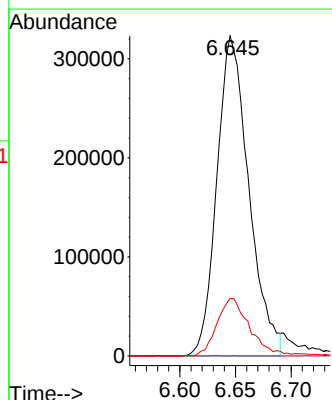
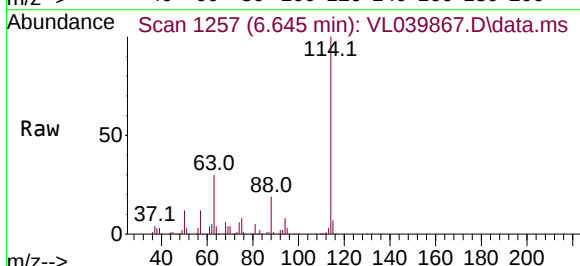
Tgt Ion: 63 Resp: 645347

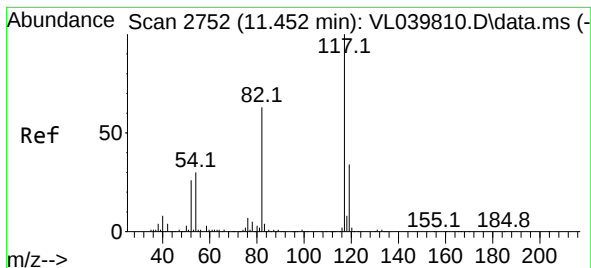
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 18.0 56.6 85.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL039867.D

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Instrument :

MSVOA_L

ClientSampleId :

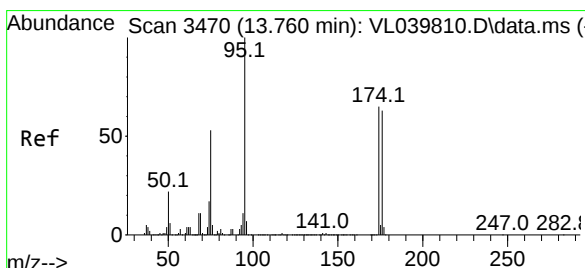
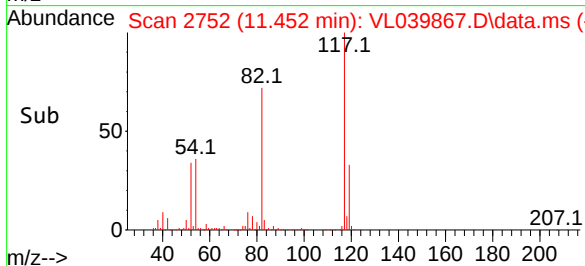
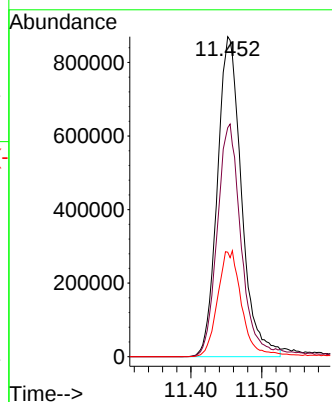
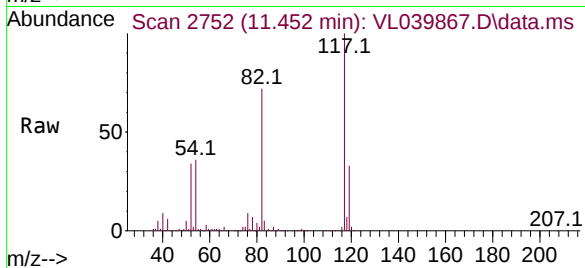
Tgt Ion:117 Resp: 2060540

Ion Ratio Lower Upper

117 100

82 74.5 51.0 76.6

119 33.7 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.722 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.003 min

Lab File: VL039867.D

Acq: 10 Nov 2022 17:18

Tgt Ion: 95 Resp: 1653732

Ion Ratio Lower Upper

95 100

174 60.3 53.4 80.0

175 4.3 4.1 6.1

