

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040072.D
 Acq On : 9 Jan 2023 12:38
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

Quant Time: Jan 09 21:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

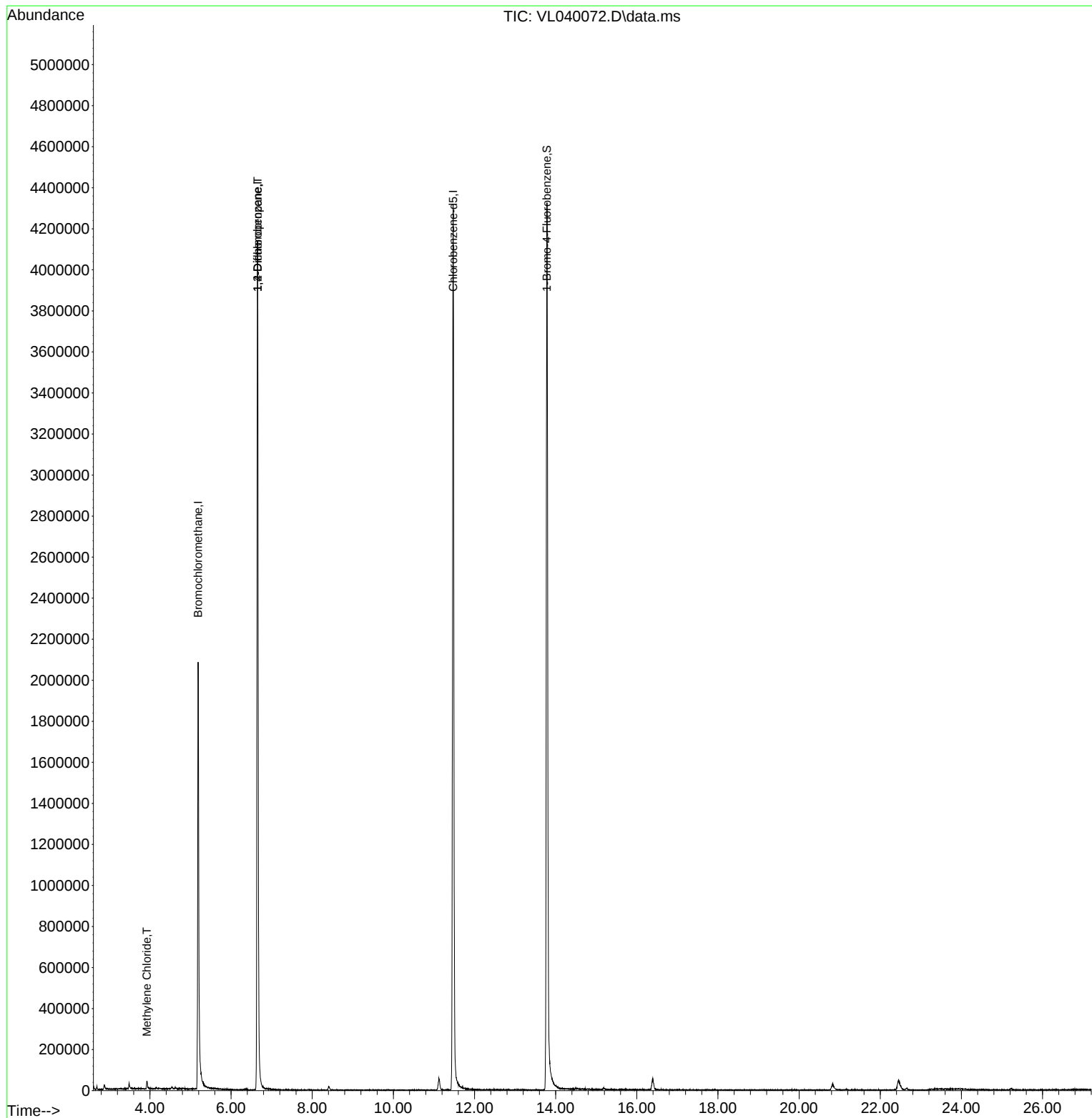
Internal Standards							
1) Bromochloromethane		5.188	49	1156449	10.000	ppbv	0.02
33) 1,4-Difluorobenzene		6.651	114	3289914	10.000	ppbv	0.02
55) Chlorobenzene-d5		11.471	117	2910920	10.000	ppbv	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.786	95	2284112	10.272	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%	
Target Compounds							
20) Methylene Chloride		3.925	84	11254	0.148	ppbv	Qvalue 95
39) 1,2-Dichloropropane		6.651	63	792994	7.200	ppbv	# 23

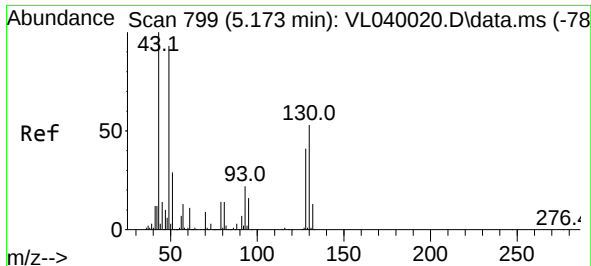
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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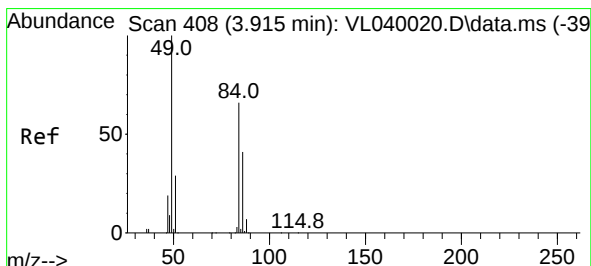
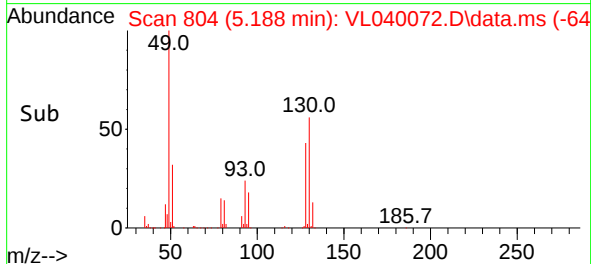
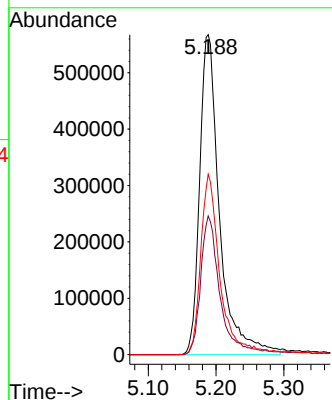
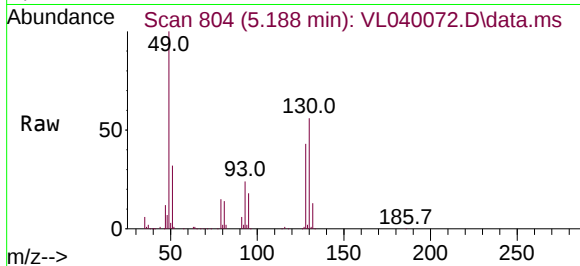




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.015 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

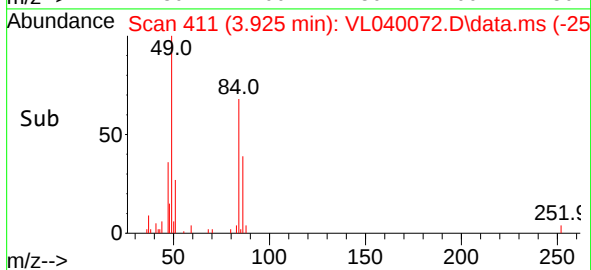
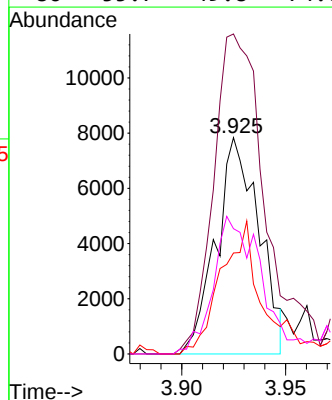
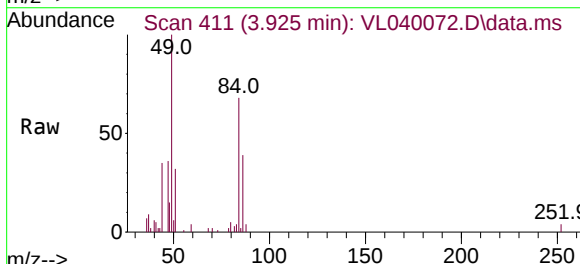
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

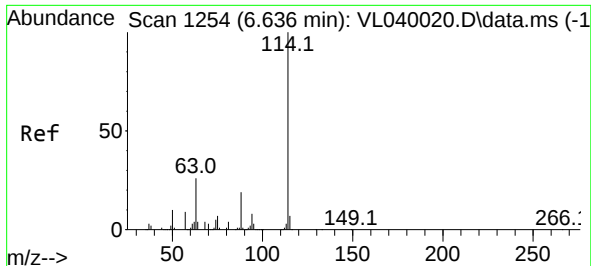
Tgt Ion: 49 Resp: 1156449
Ion Ratio Lower Upper
49 100
128 43.5 22.4 67.3
130 56.3 28.9 86.8



#20
Methylene Chloride
Concen: 0.148 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

Tgt Ion: 84 Resp: 11254
Ion Ratio Lower Upper
84 100
49 145.8 120.5 180.7
51 46.7 35.2 52.8
86 55.7 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. 0.016 min

Lab File: VL040072.D

Acq: 9 Jan 2023 12:38

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

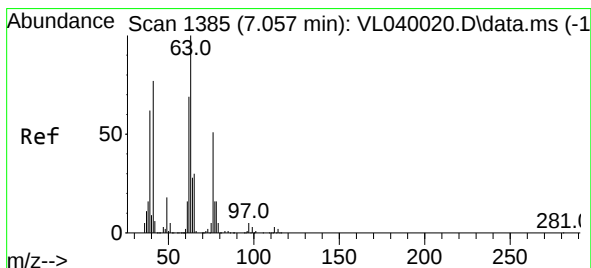
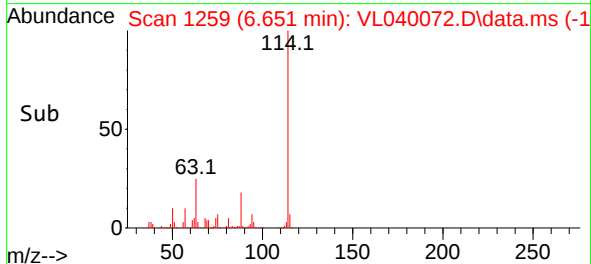
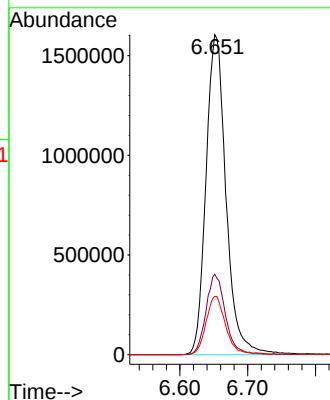
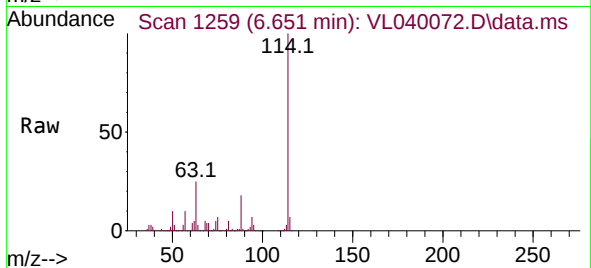
Tgt Ion:114 Resp: 3289914

Ion Ratio Lower Upper

114 100

63 24.7 20.2 30.2

88 18.0 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.200 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.405 min

Lab File: VL040072.D

Acq: 9 Jan 2023 12:38

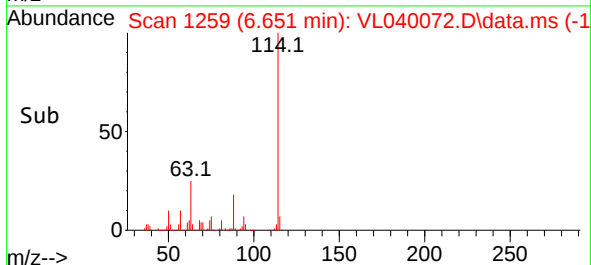
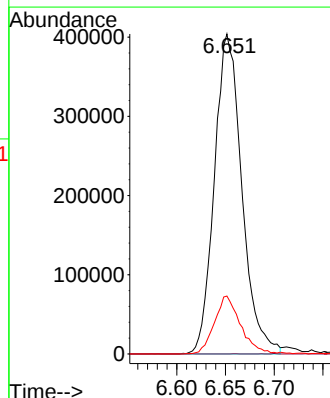
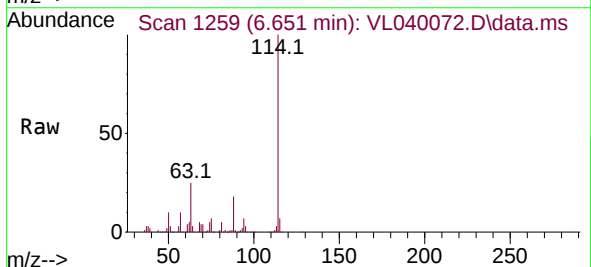
Tgt Ion: 63 Resp: 792994

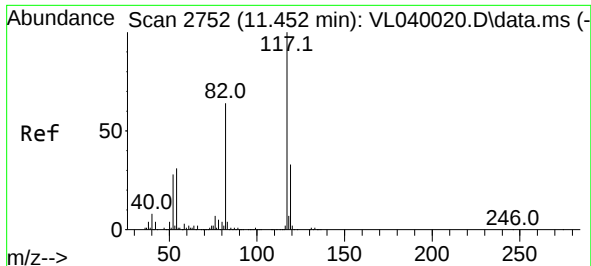
Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 18.1 55.4 83.2#

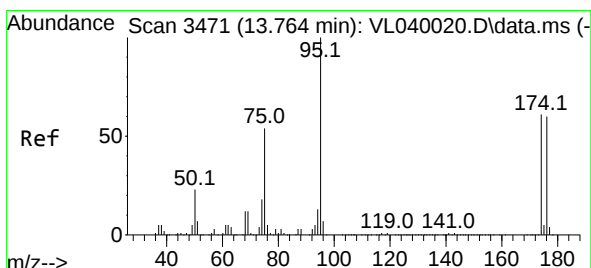
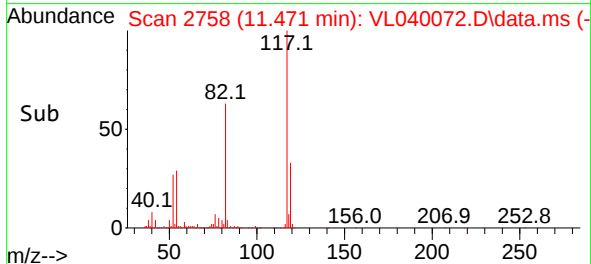
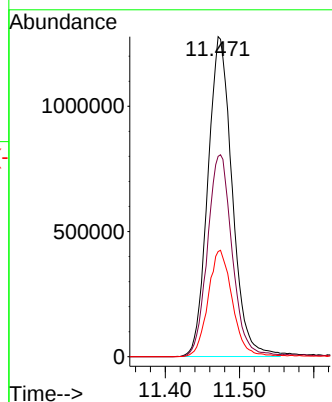
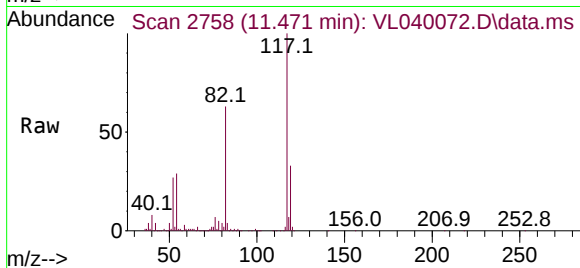




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

Tgt Ion:117 Resp: 2910920
Ion Ratio Lower Upper
117 100
82 65.2 51.2 76.8
119 33.6 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.272 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.022 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

Tgt Ion: 95 Resp: 2284112
Ion Ratio Lower Upper
95 100
174 63.9 48.6 73.0
175 4.5 3.4 5.2

