

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040062.D
 Acq On : 22 Dec 2022 11:00
 Operator : SY/MD
 Sample : VL1222ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 23 06:26:13 2022
 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)

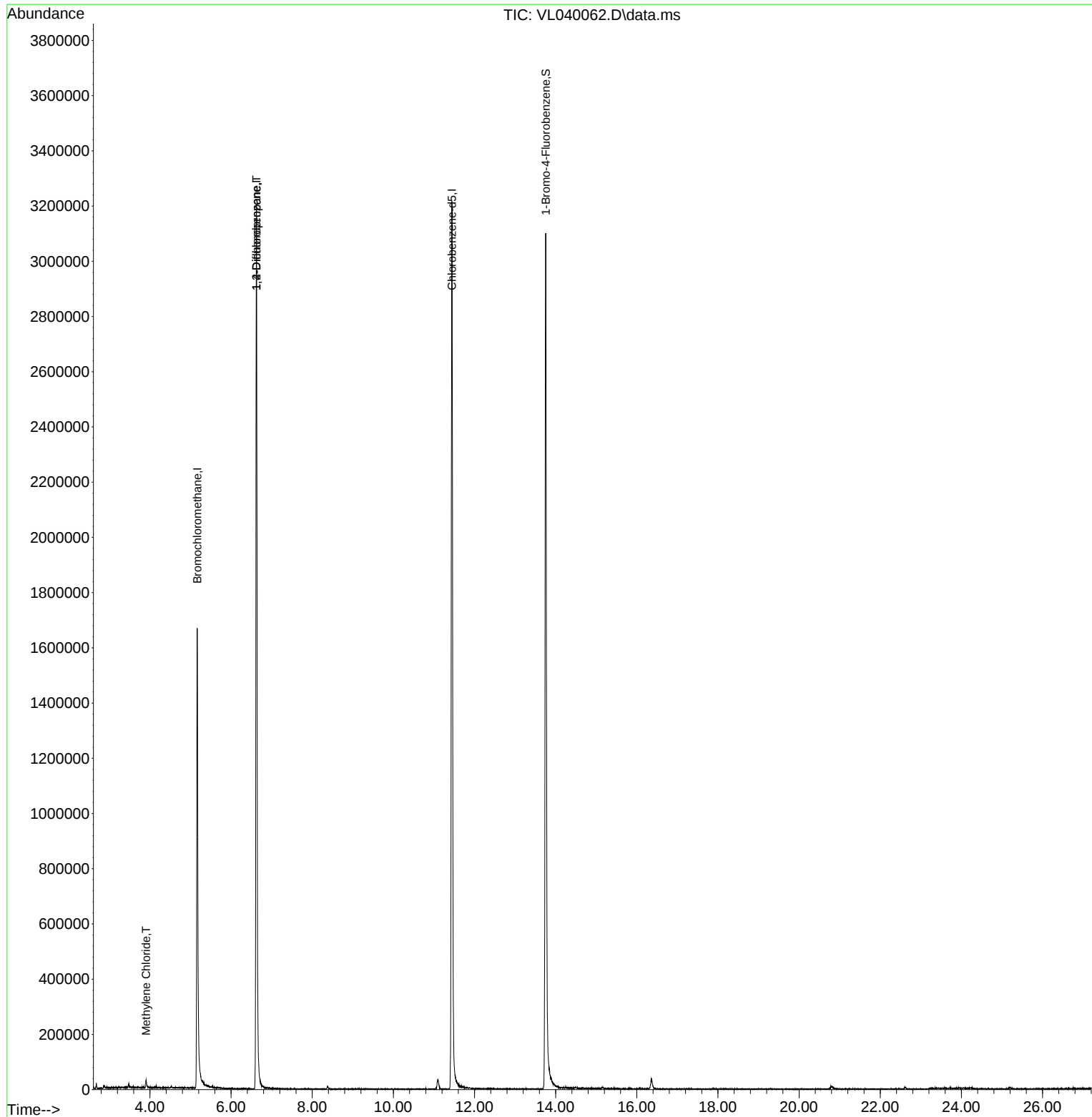
Internal Standards						
1) Bromochloromethane	5.166	49	863327	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2464767	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2111182	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1593590	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.906	84	6827	0.120	ppbv	84
39) 1,2-Dichloropropane	6.626	63	617713	7.487	ppbv #	23

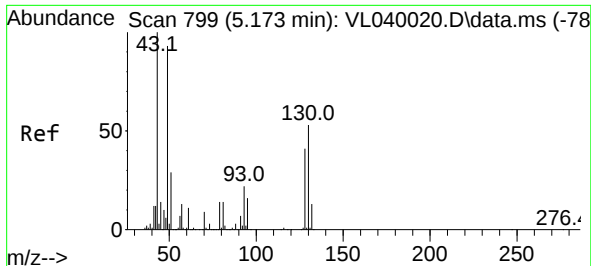
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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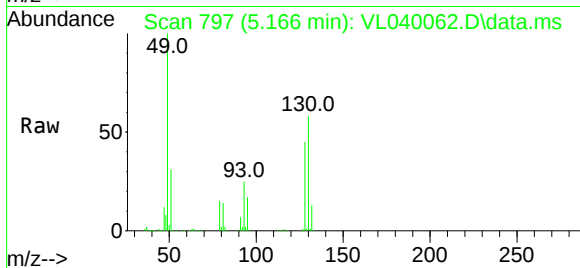
Quant Time: Dec 23 06:26:13 2022
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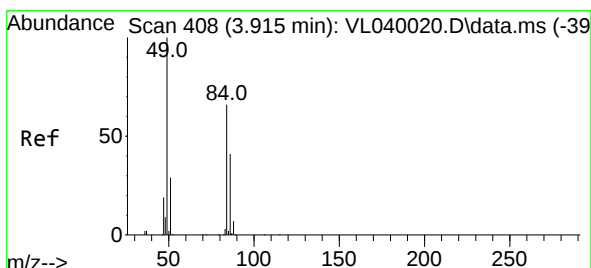
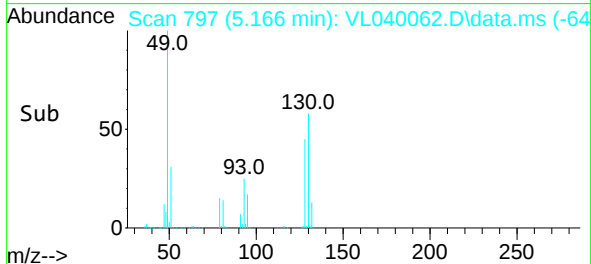
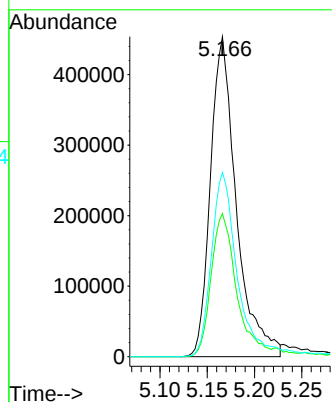


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Instrument :
MSVOA_L
ClientSampleId :

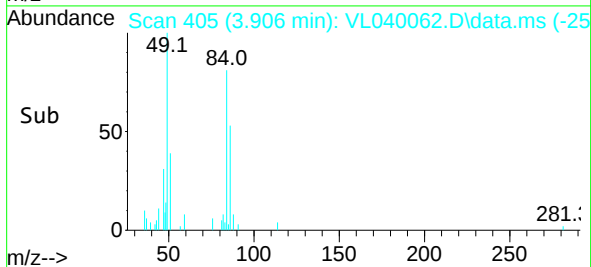
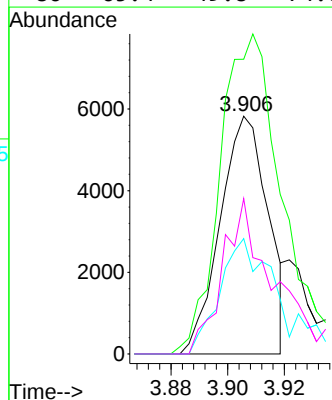
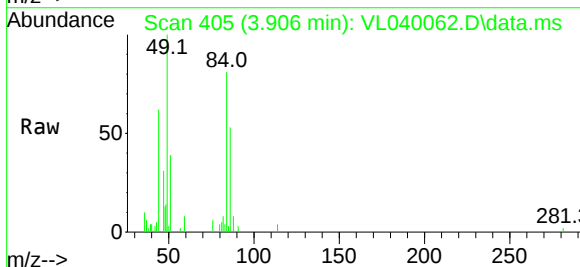


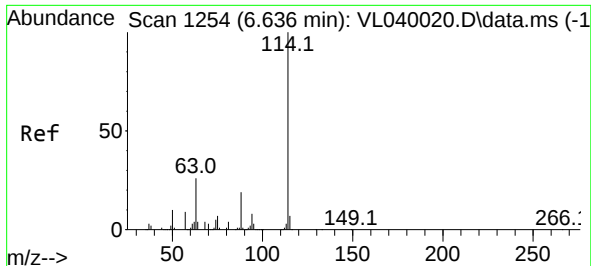
Tgt Ion: 49 Resp: 863327
Ion Ratio Lower Upper
49 100
128 47.0 22.4 67.3
130 60.3 28.9 86.8



#20
Methylene Chloride
Concen: 0.120 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.010 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 84 Resp: 6827
Ion Ratio Lower Upper
84 100
49 120.9 120.5 180.7
51 48.5 35.2 52.8
86 65.4 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.010 min

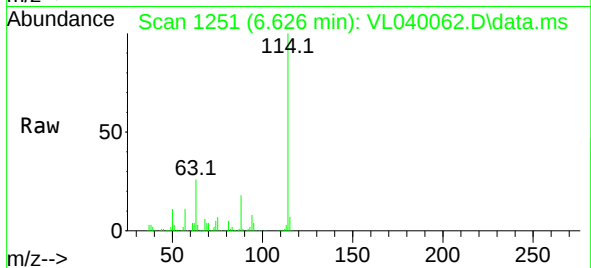
Lab File: VL040062.D

Acq: 22 Dec 2022 11:00

Instrument :

MSVOA_L

ClientSampleId :



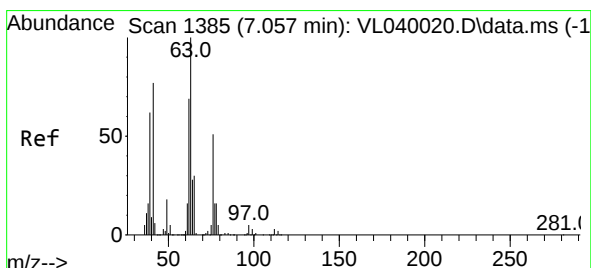
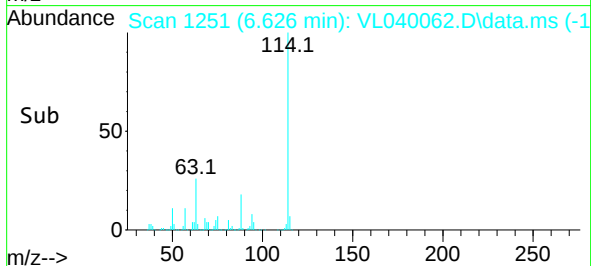
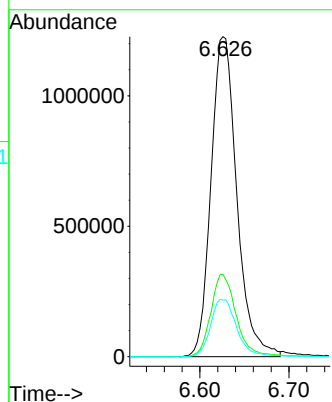
Tgt Ion:114 Resp: 2464767

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 18.3 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.487 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.431 min

Lab File: VL040062.D

Acq: 22 Dec 2022 11:00

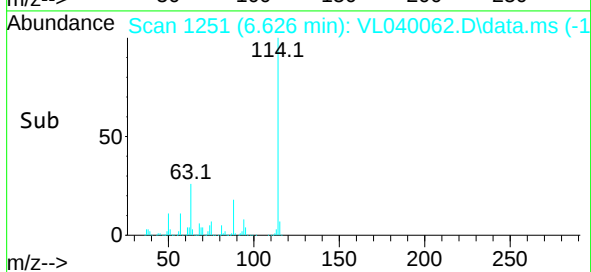
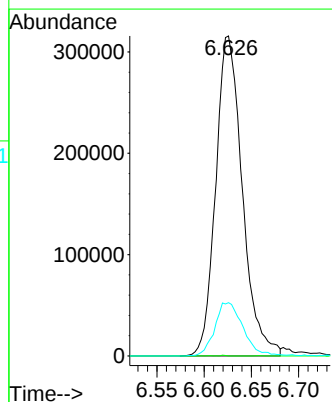
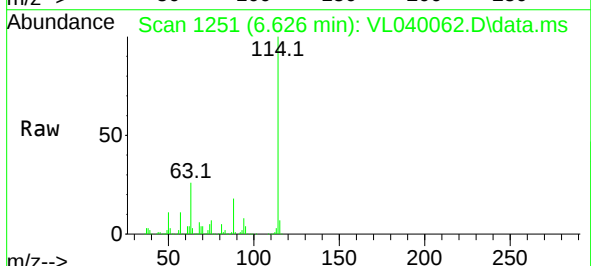
Tgt Ion: 63 Resp: 617713

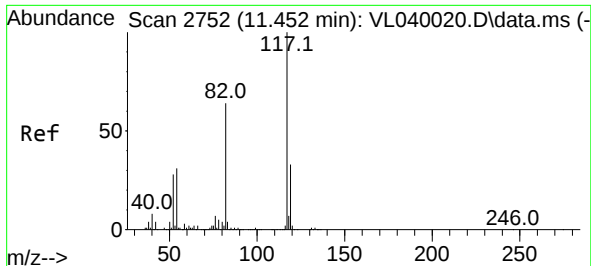
Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 16.7 55.4 83.2#

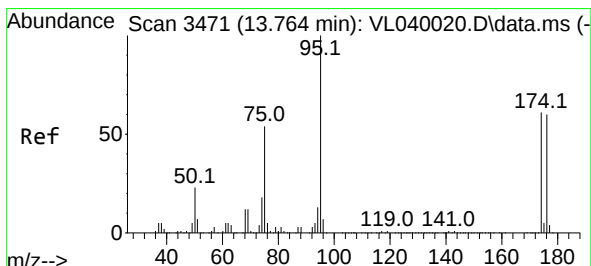
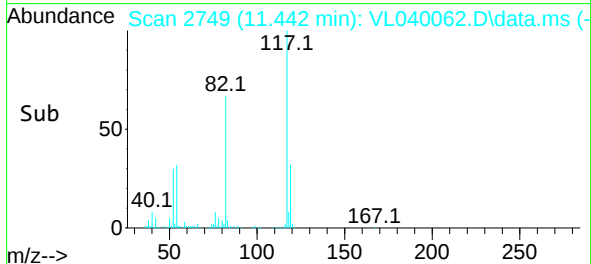
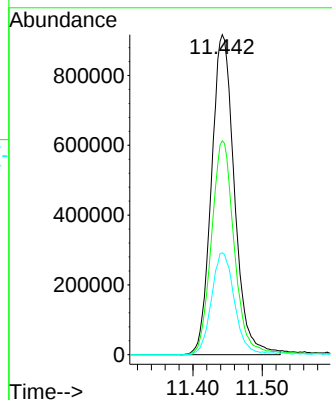
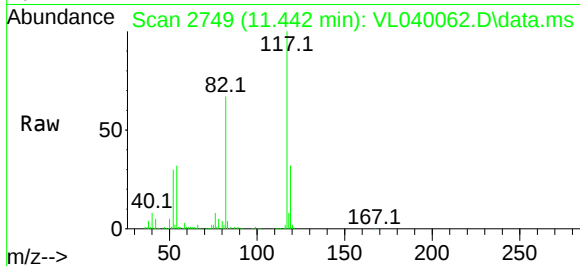




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2111182
Delta R.T. -0.010 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2111182
Ion Ratio Lower Upper
117 100
82 67.3 51.2 76.8
119 32.3 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.882 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 95 Resp: 1593590
Ion Ratio Lower Upper
95 100
174 60.8 48.6 73.0
175 4.3 3.4 5.2

