

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041684.D
 Acq On : 7 Nov 2024 19:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 03:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

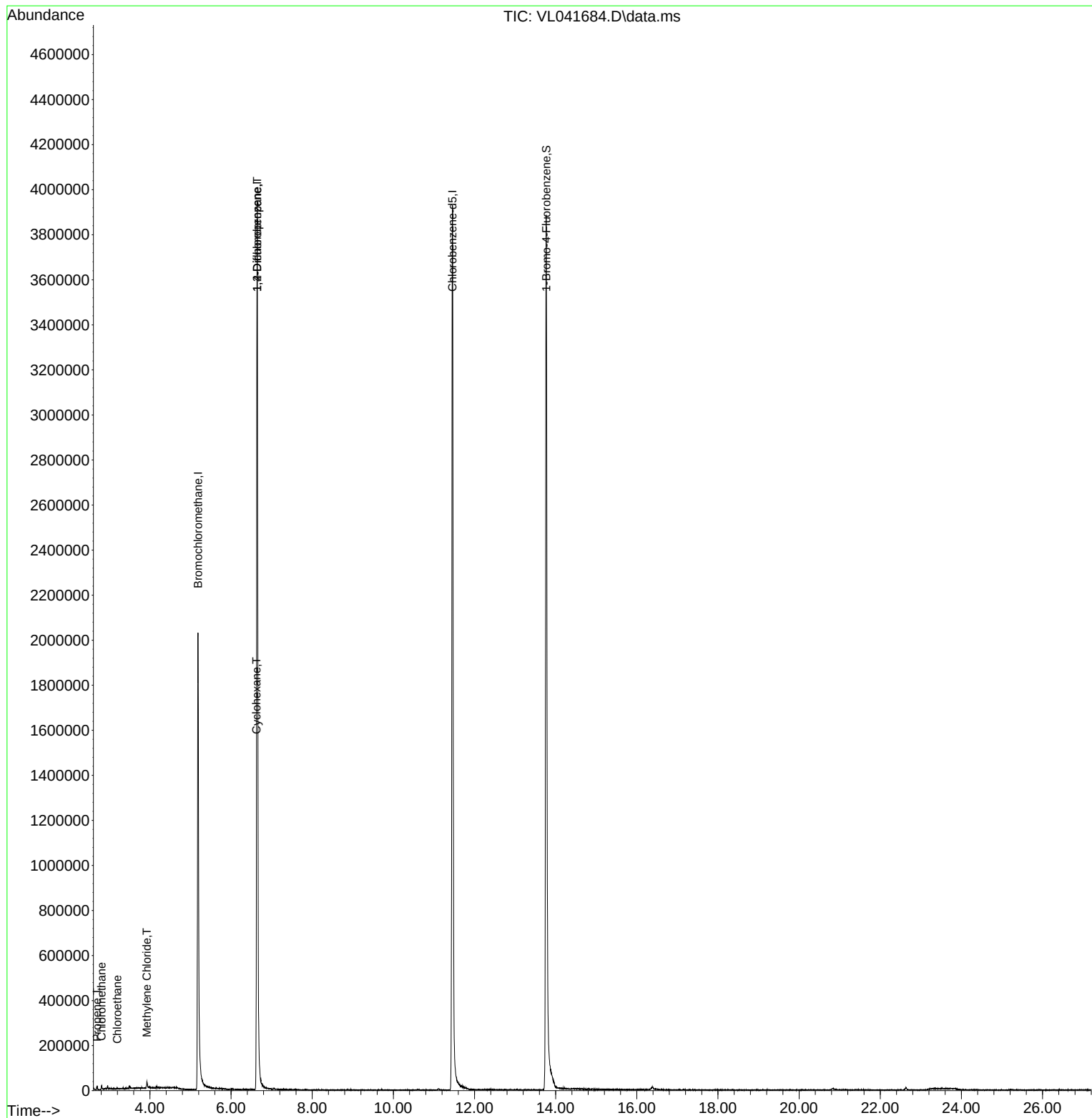
Internal Standards						
1) Bromochloromethane	5.186	49	1114997	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3032463	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2651398	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1959319	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
4) Chloromethane	2.809	50	12732	0.165	ppbv #	88
7) Chloroethane	3.192	64	1028	0.041	ppbv #	78
9) Propene	2.697	41	6014	0.095	ppbv	94
20) Methylene Chloride	3.925	84	8143	0.161	ppbv #	71
30) Cyclohexane	6.626	84	3701	0.040	ppbv #	1
39) 1,2-Dichloropropane	6.642	63	751236	8.461	ppbv #	23

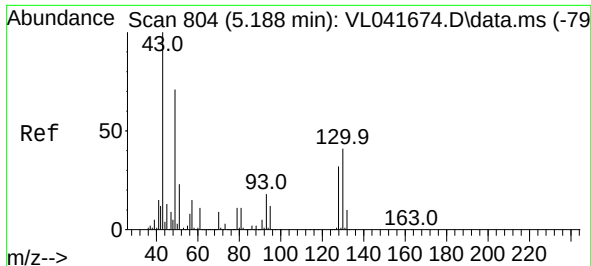
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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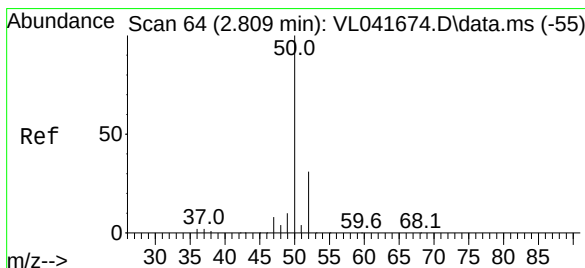
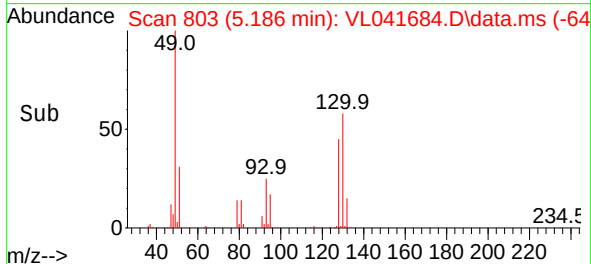
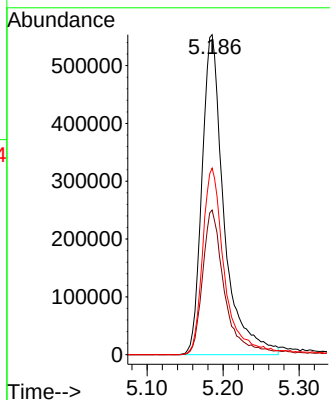
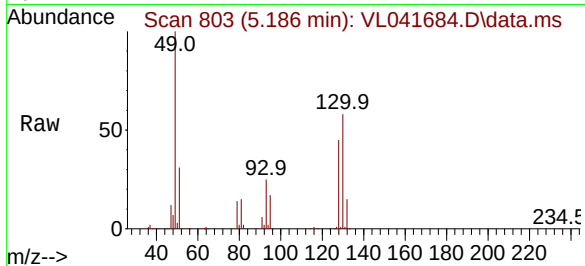




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.186 min Scan# 804
Delta R.T. -0.002 min
Lab File: VL041684.D
Acq: 7 Nov 2024 19:04

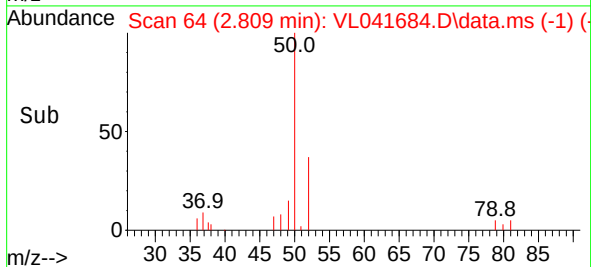
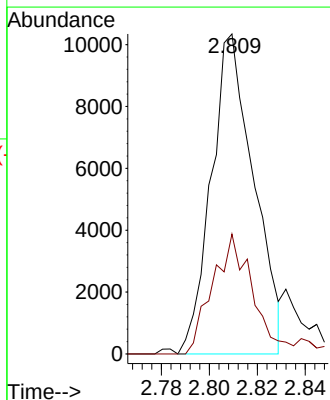
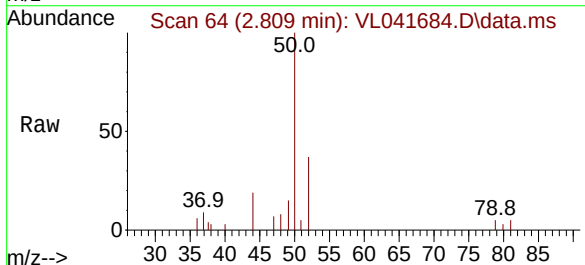
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

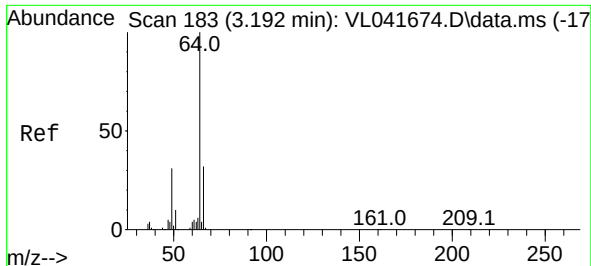
Tgt Ion: 49 Resp: 1114997
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.2
130 60.6 30.1 90.5



#4
Chloromethane
Concen: 0.165 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041684.D
Acq: 7 Nov 2024 19:04

Tgt Ion: 50 Resp: 12732
Ion Ratio Lower Upper
50 100
52 37.4 24.9 37.3#

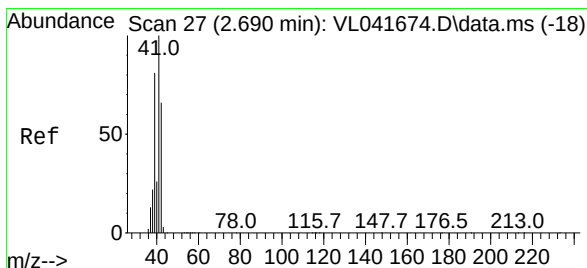
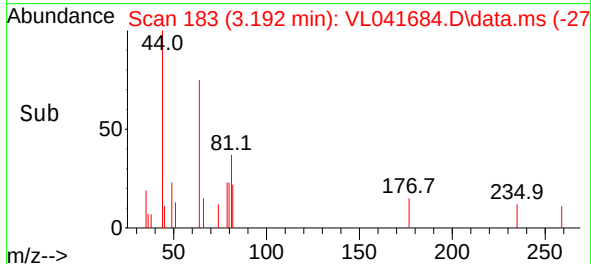
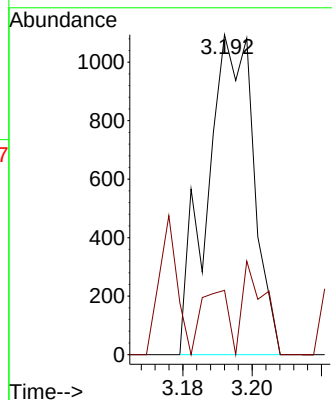
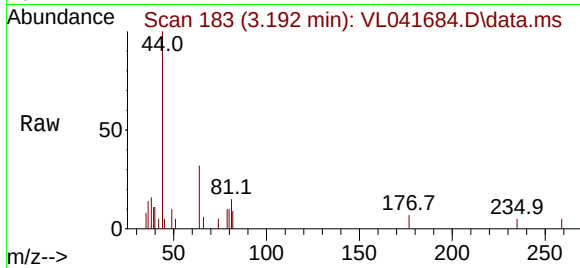




#7
Chloroethane
Concen: 0.041 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041684.D
Acq: 7 Nov 2024 19:04

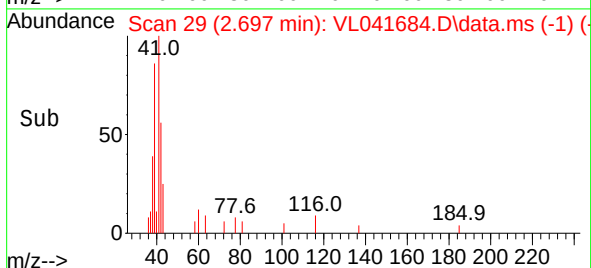
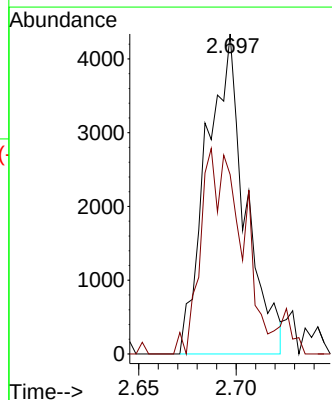
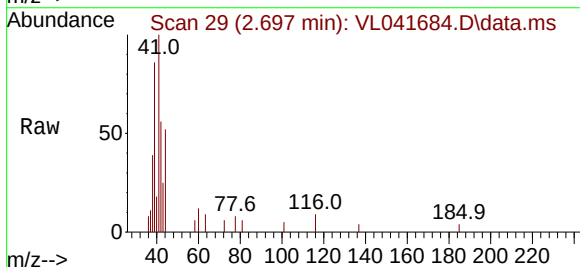
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

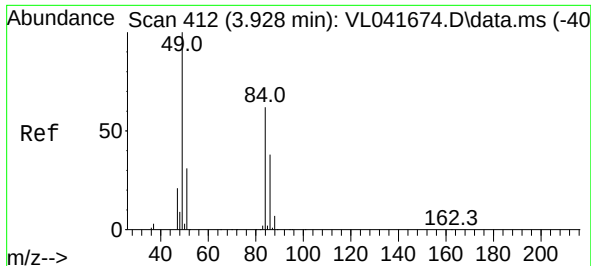
Tgt Ion: 64 Resp: 1028
Ion Ratio Lower Upper
64 100
66 20.1 25.9 38.9#



#9
Propene
Concen: 0.095 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.007 min
Lab File: VL041684.D
Acq: 7 Nov 2024 19:04

Tgt Ion: 41 Resp: 6014
Ion Ratio Lower Upper
41 100
42 73.5 55.0 82.4





#20

Methylene Chloride

Concen: 0.161 ppbv

RT: 3.925 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 8143

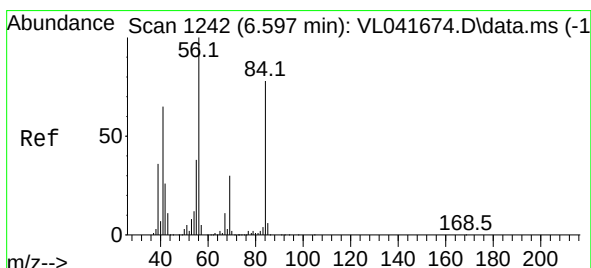
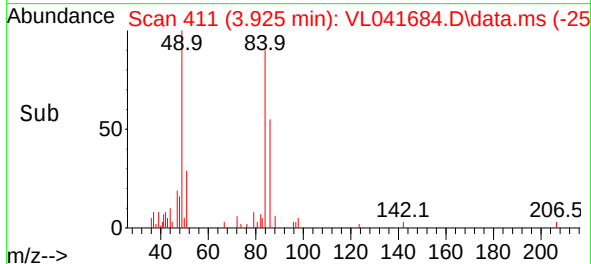
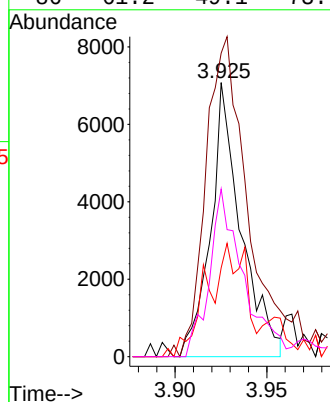
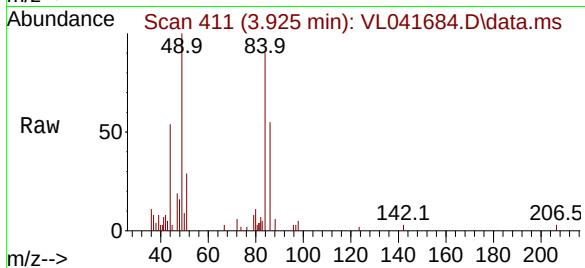
Ion Ratio Lower Upper

84 100

49 110.7 129.7 194.5#

51 25.3 39.8 59.6#

86 61.2 49.1 73.7



#30

Cyclohexane

Concen: 0.040 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. 0.029 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

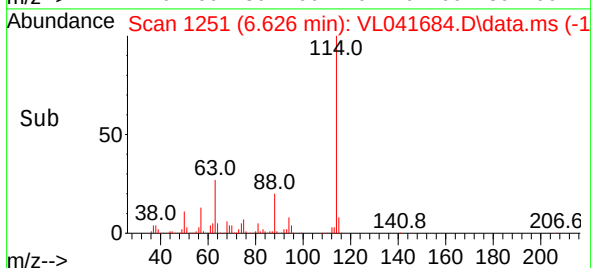
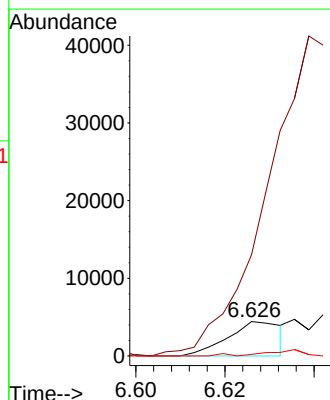
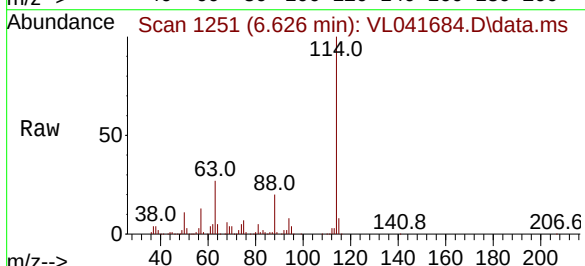
Tgt Ion: 84 Resp: 3701

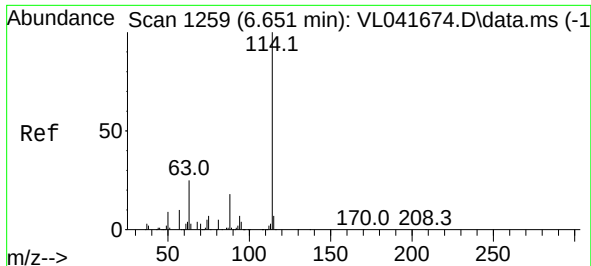
Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 1.0 70.0 105.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.009 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

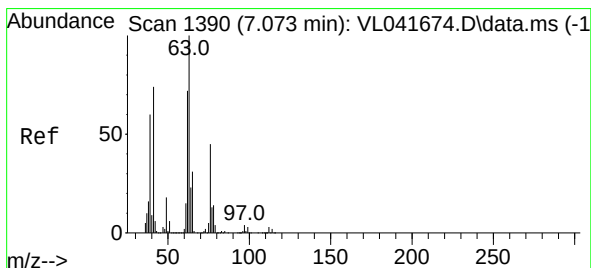
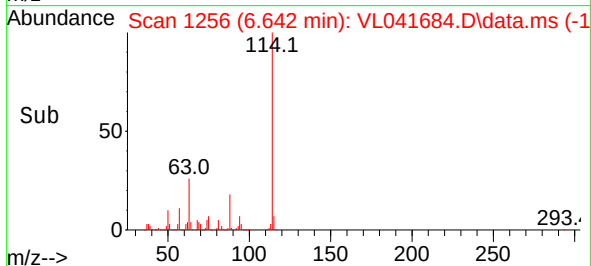
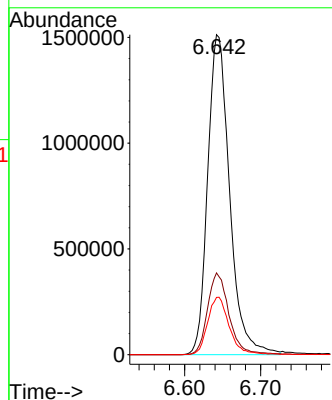
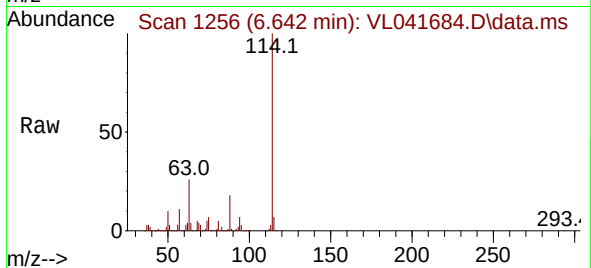
Tgt Ion:114 Resp: 3032463

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.9 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.461 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.431 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

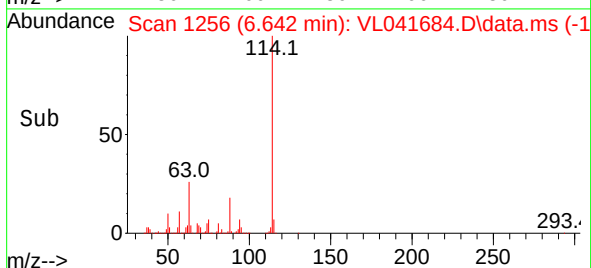
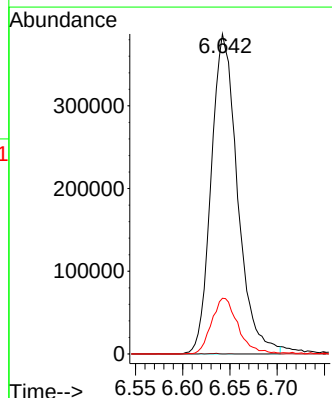
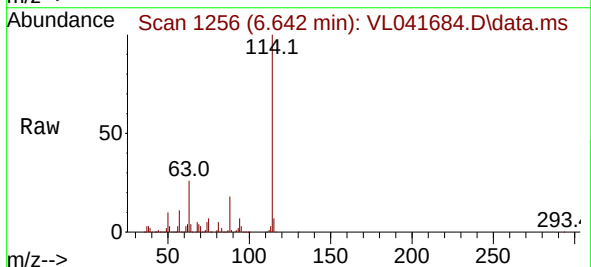
Tgt Ion: 63 Resp: 751236

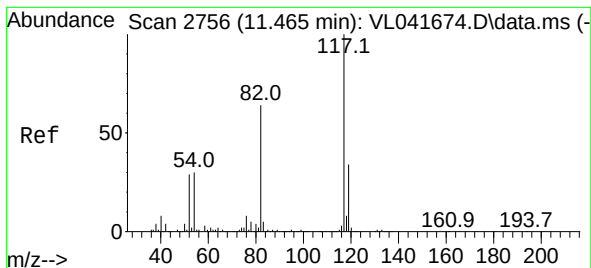
Ion Ratio Lower Upper

63 100

41 0.0 59.1 88.7#

62 17.4 57.7 86.5#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

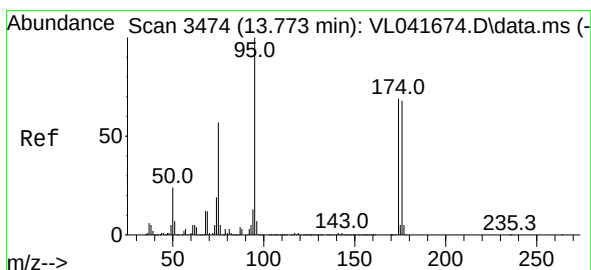
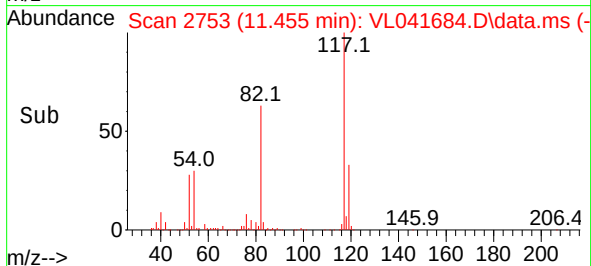
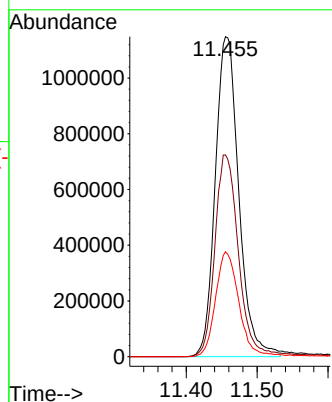
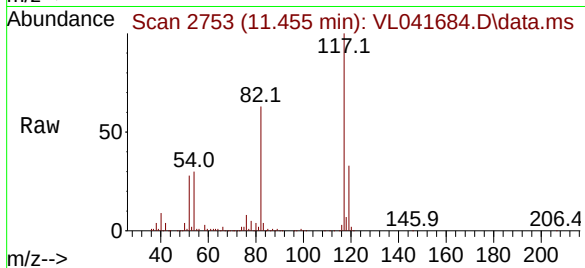
Tgt Ion:117 Resp: 2651398

Ion Ratio Lower Upper

117 100

82 64.4 49.8 74.8

119 33.1 24.2 36.4



#68

1-Bromo-4-Fluorobenzene

Concen: 10.029 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.006 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Tgt Ion: 95 Resp: 1959319

Ion Ratio Lower Upper

95 100

174 72.2 55.6 83.4

175 5.3 4.2 6.2

