

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041691.D
 Acq On : 7 Nov 2024 23:42
 Operator : SY/MD
 Sample : QC102124 CAN 10311
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 08 03:55:04 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)

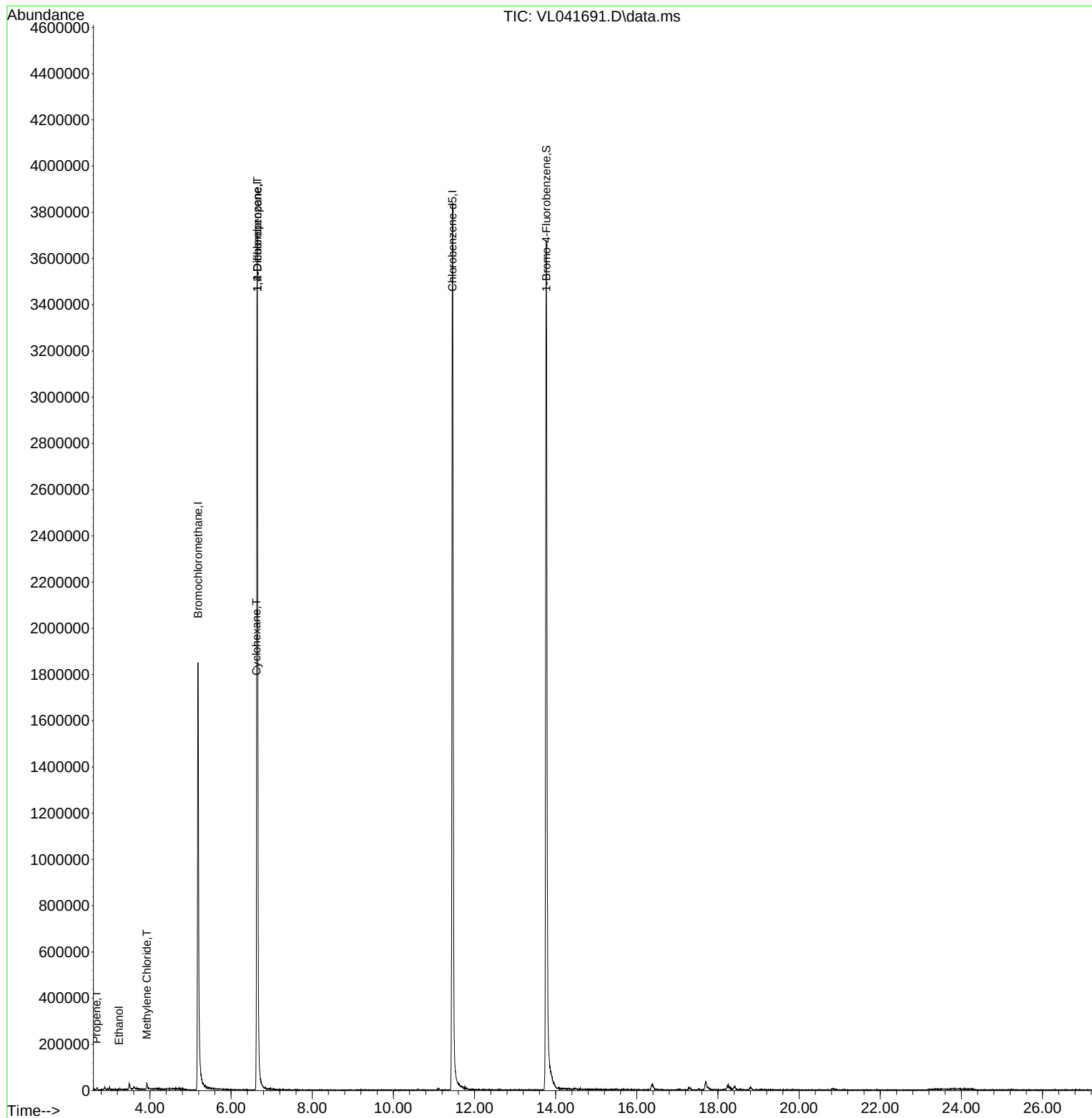
Internal Standards						
1) Bromochloromethane	5.185	49	1005782	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2787450	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2445005	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1862666	10.340	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	3663	0.064	ppbv	95
13) Ethanol	3.237	45	125	0.036	ppbv #	40
20) Methylene Chloride	3.925	84	5362	0.118	ppbv #	79
30) Cyclohexane	6.629	84	3535	0.042	ppbv #	2
39) 1,2-Dichloropropane	6.645	63	691509	8.473	ppbv #	23

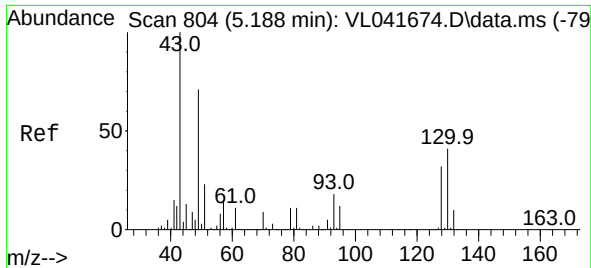
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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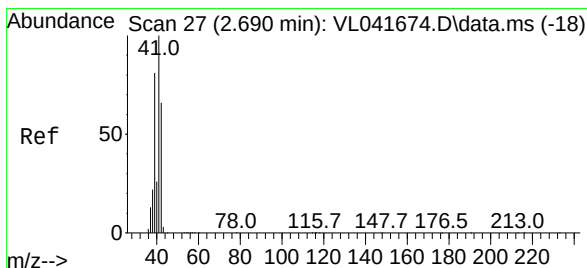
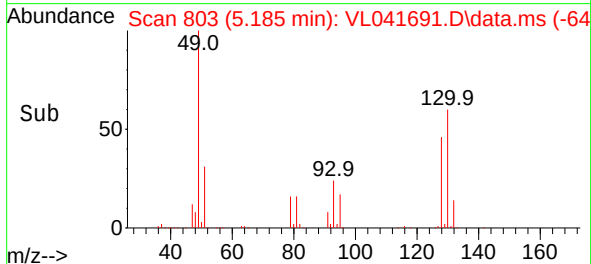
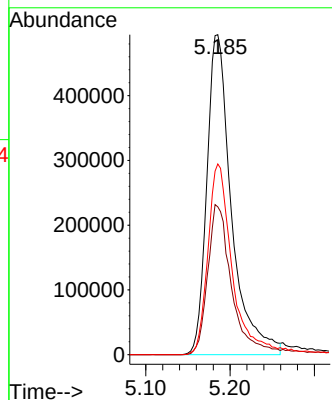
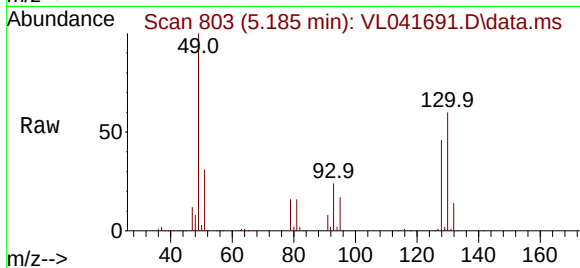




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041691.D
Acq: 7 Nov 2024 23:42

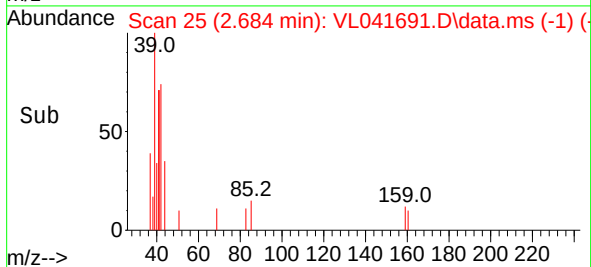
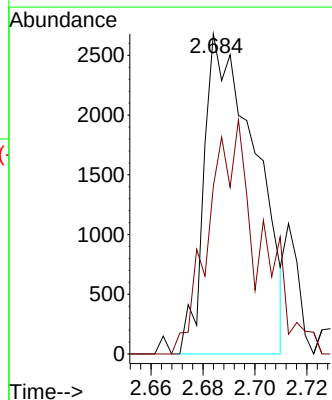
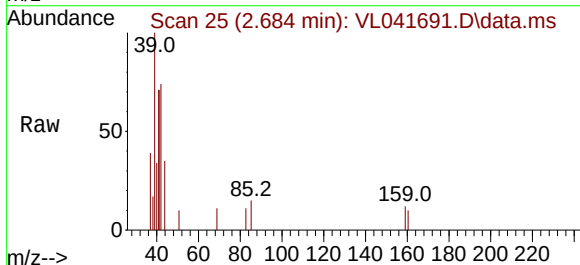
Instrument :
MSVOA_L
ClientSampleId :

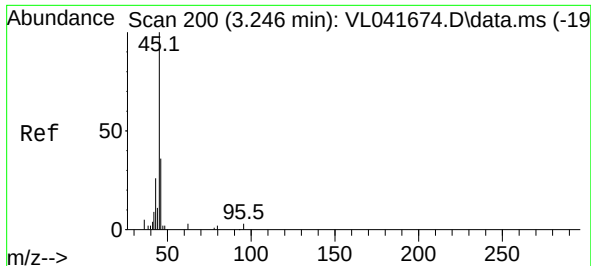
Tgt Ion: 49 Resp: 1005782
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 61.1 30.1 90.5



#9
Propene
Concen: 0.064 ppbv
RT: 2.684 min Scan# 25
Delta R.T. -0.006 min
Lab File: VL041691.D
Acq: 7 Nov 2024 23:42

Tgt Ion: 41 Resp: 3663
Ion Ratio Lower Upper
41 100
42 73.1 55.0 82.4





#13

Ethanol

Concen: 0.036 ppbv

RT: 3.237 min Scan# 1

Delta R.T. -0.009 min

Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

Instrument :

MSVOA_L

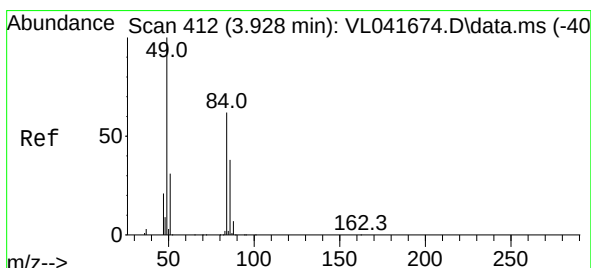
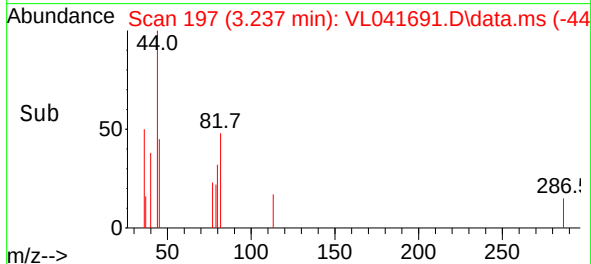
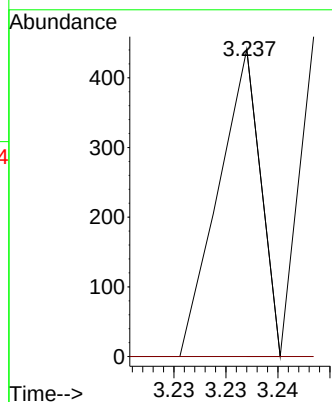
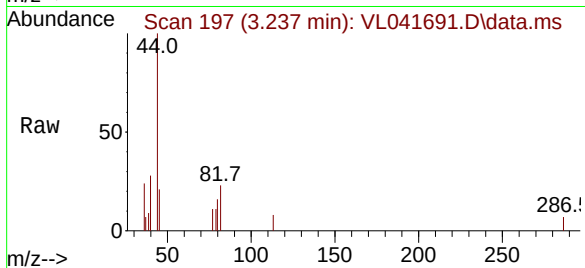
ClientSampleId :

Tgt Ion: 45 Resp: 125

Ion Ratio Lower Upper

45 100

46 0.0 13.8 55.2#



#20

Methylene Chloride

Concen: 0.118 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

Tgt Ion: 84 Resp: 5362

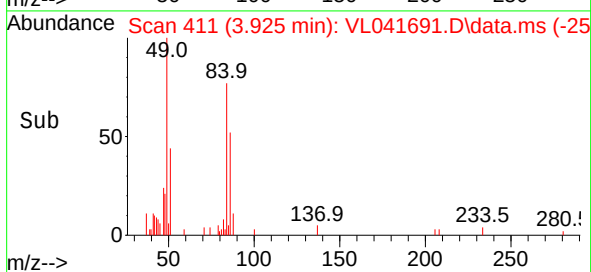
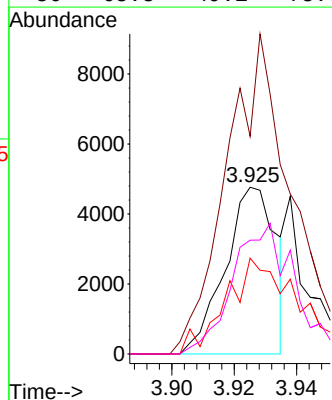
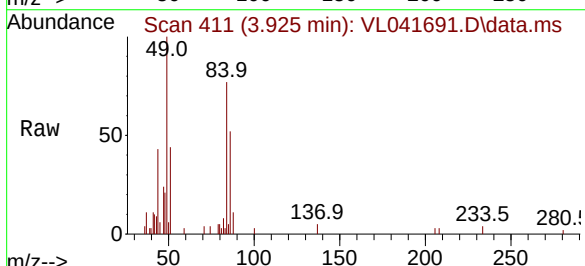
Ion Ratio Lower Upper

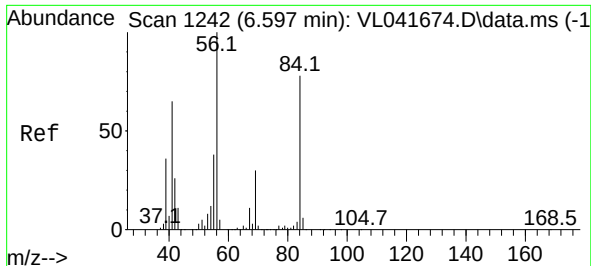
84 100

49 123.3 129.7 194.5#

51 57.5 39.8 59.6

86 68.3 49.1 73.7





#30

Cyclohexane

Concen: 0.042 ppbv

RT: 6.629 min Scan# 11

Delta R.T. 0.032 min

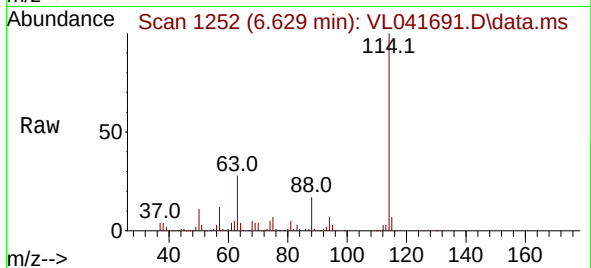
Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

Instrument :

MSVOA_L

ClientSampleId :



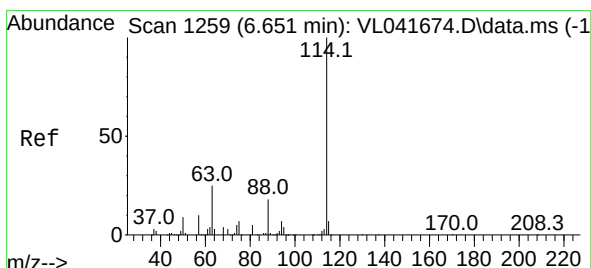
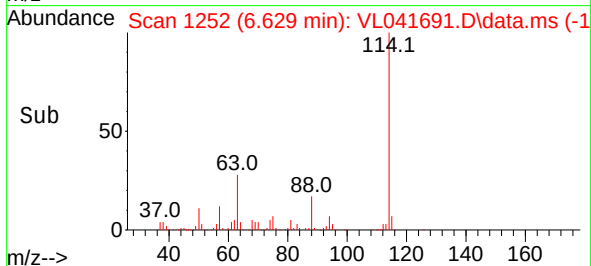
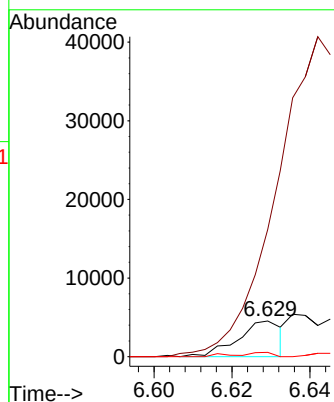
Tgt Ion: 84 Resp: 3535

Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 21.5 70.0 105.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

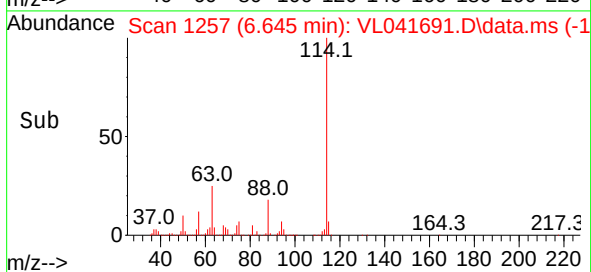
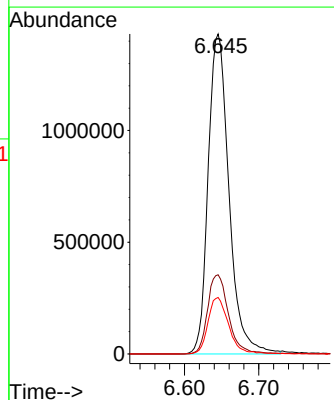
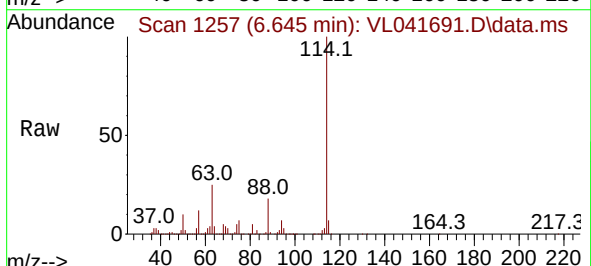
Tgt Ion: 114 Resp: 2787450

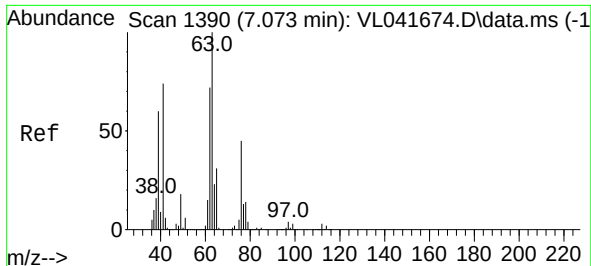
Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.6 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.473 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.427 min

Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

Instrument :

MSVOA_L

ClientSampleId :

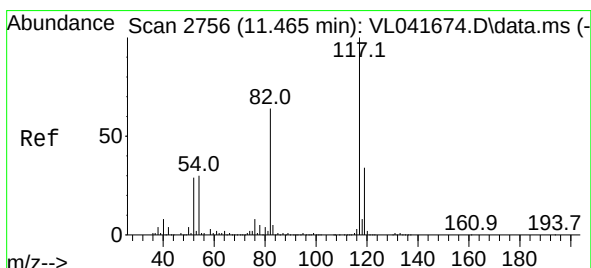
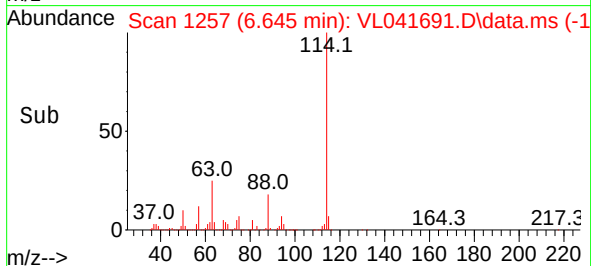
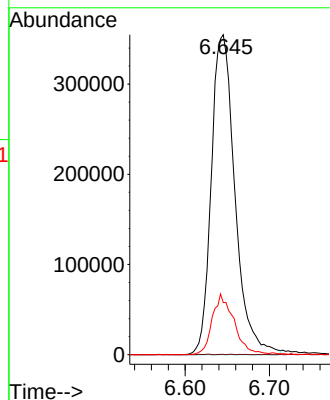
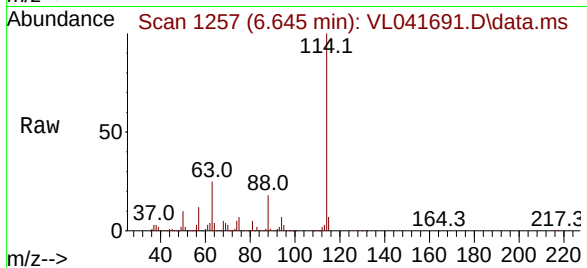
Tgt Ion: 63 Resp: 691509

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 16.3 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 2754

Delta R.T. -0.006 min

Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

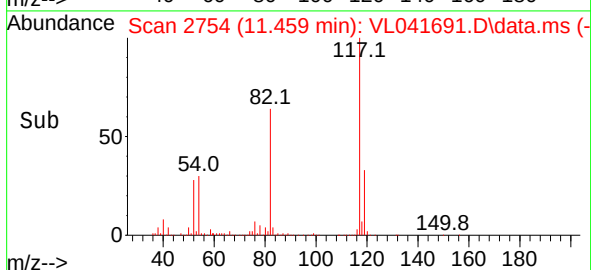
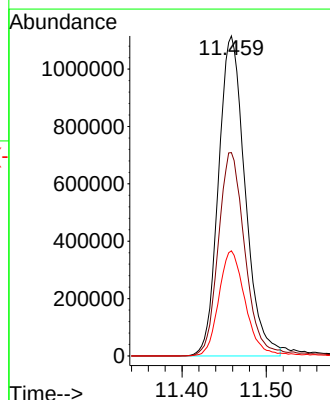
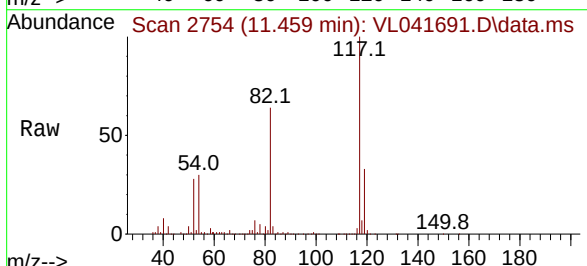
Tgt Ion: 117 Resp: 2445005

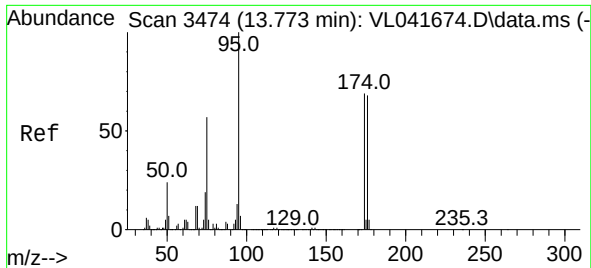
Ion Ratio Lower Upper

117 100

82 65.3 49.8 74.8

119 33.3 24.2 36.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.340 ppbv

RT: 13.770 min Scan# 34

Delta R.T. -0.003 min

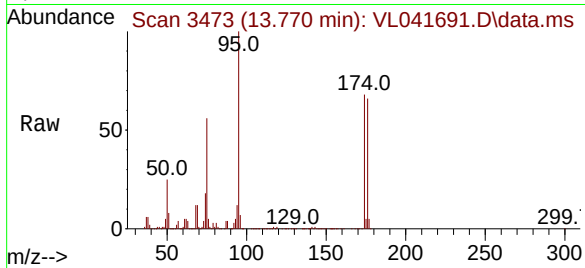
Lab File: VL041691.D

Acq: 7 Nov 2024 23:42

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1862666

Ion Ratio Lower Upper

95 100

174 69.3 55.6 83.4

175 4.8 4.2 6.2

