

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041694.D
 Acq On : 8 Nov 2024 1:39
 Operator : SY/MD
 Sample : CAN 10154
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10154

Quant Time: Nov 08 03:55:52 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)

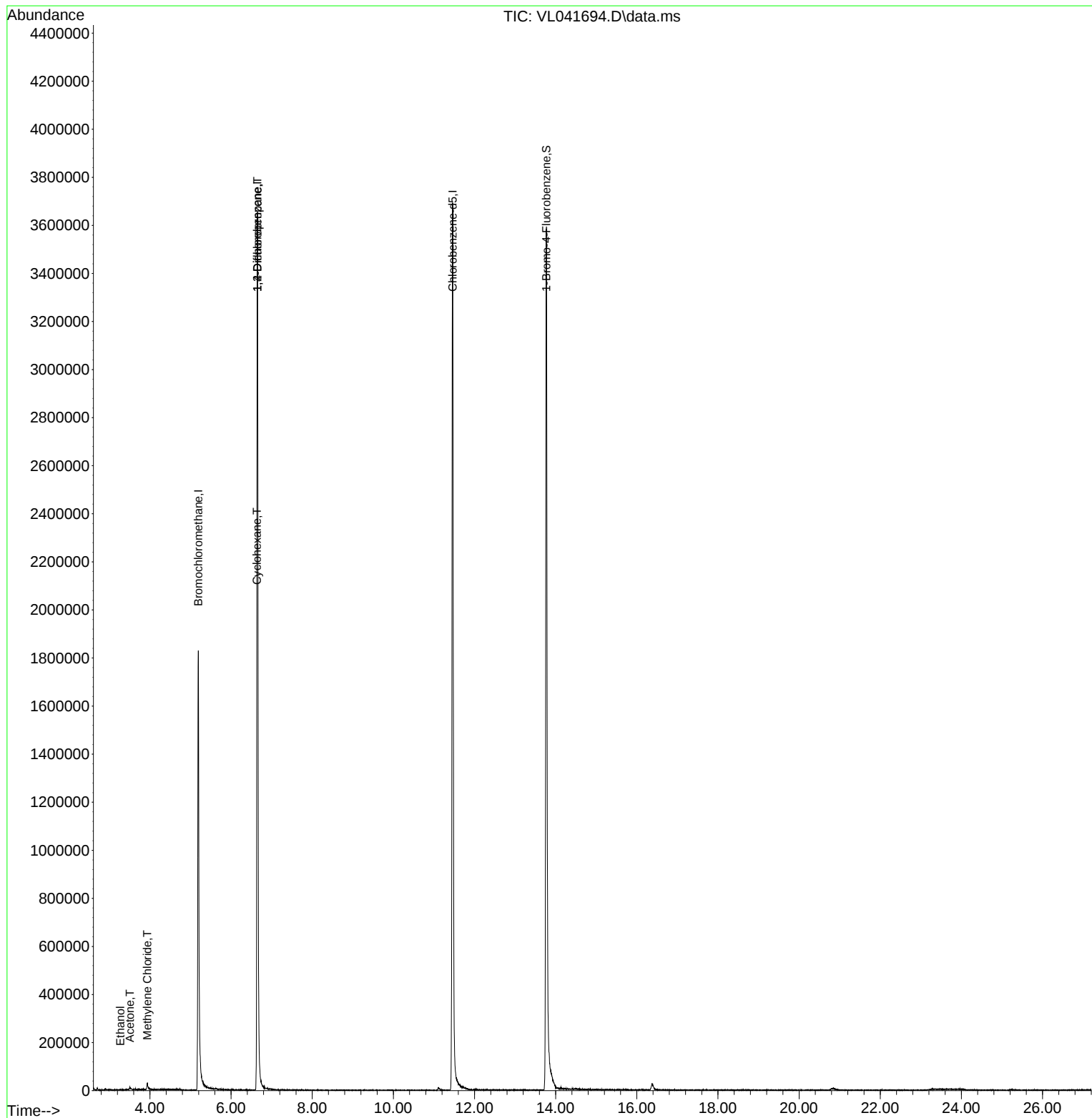
Internal Standards						
1) Bromochloromethane	5.192	49	991197	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2720698	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2387368	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1790227	10.177	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.269	45	109	0.032	ppbv #	40
15) Acetone	3.504	43	9531	0.078	ppbv #	48
20) Methylene Chloride	3.935	84	5677	0.126	ppbv #	75
30) Cyclohexane	6.635	84	2566	0.031	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	668533	8.392	ppbv #	24

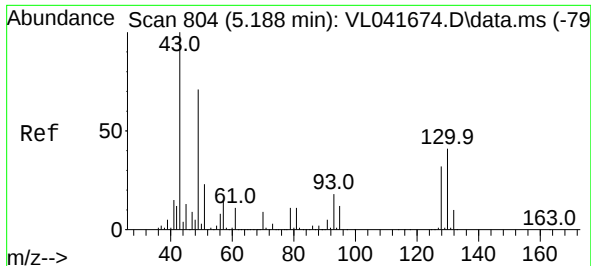
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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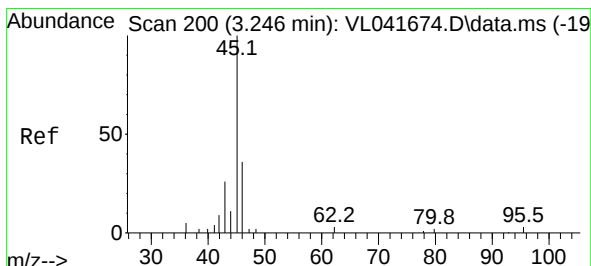
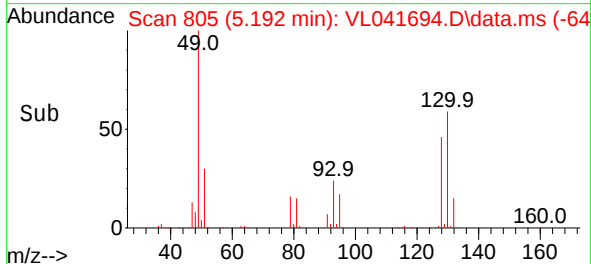
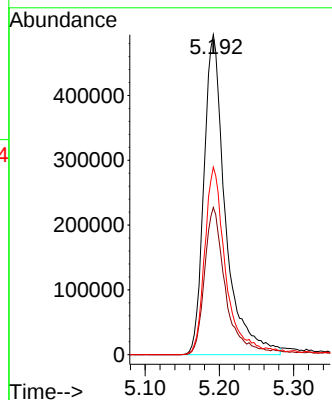
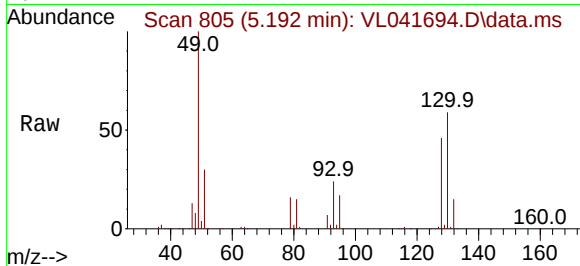




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041694.D
Acq: 8 Nov 2024 1:39

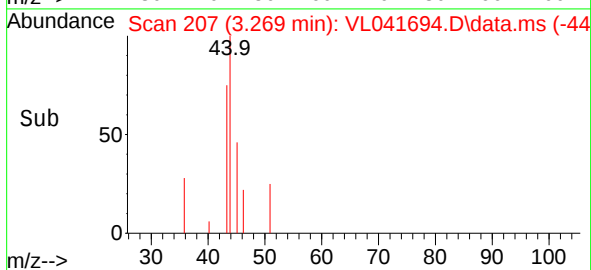
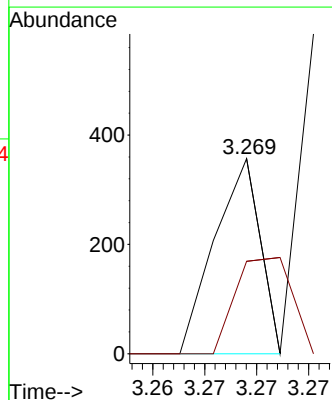
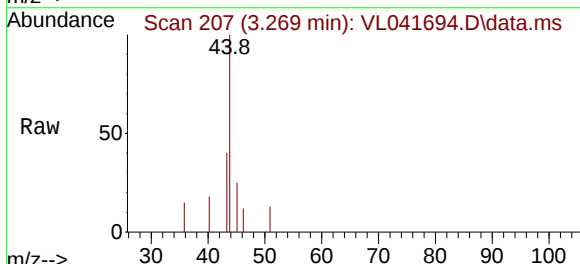
Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

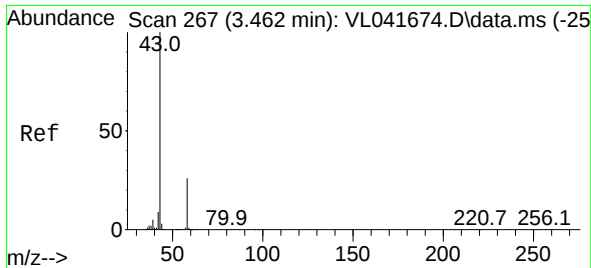
Tgt Ion: 49 Resp: 991197
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 59.8 30.1 90.5



#13
Ethanol
Concen: 0.032 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.023 min
Lab File: VL041694.D
Acq: 8 Nov 2024 1:39

Tgt Ion: 45 Resp: 109
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#





#15

Acetone

Concen: 0.078 ppbv

RT: 3.504 min Scan# 21

Delta R.T. 0.042 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

Instrument :

MSVOA_L

ClientSampleId :

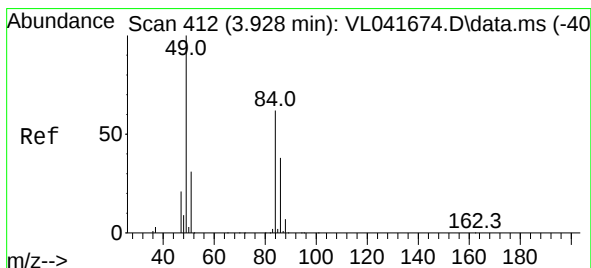
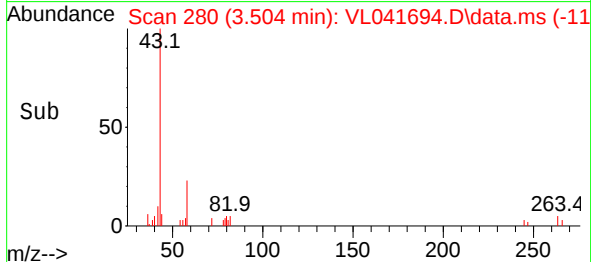
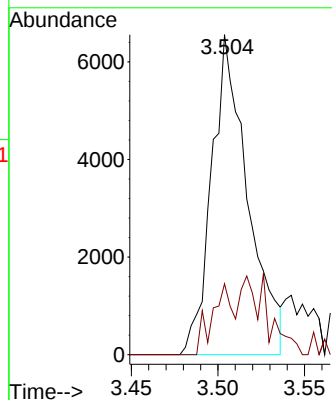
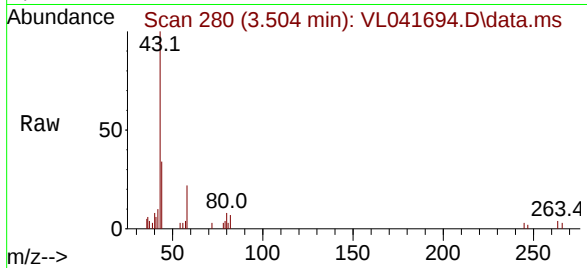
CAN 10154

Tgt Ion: 43 Resp: 9531

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#20

Methylene Chloride

Concen: 0.126 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.007 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

Tgt Ion: 84 Resp: 5677

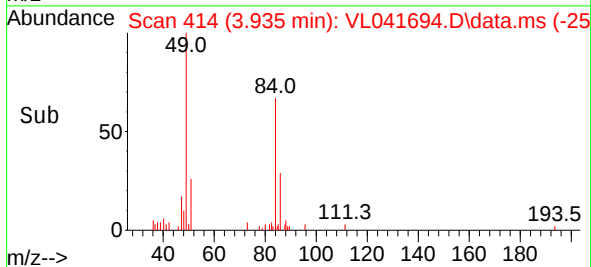
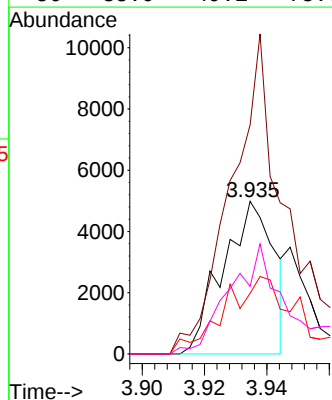
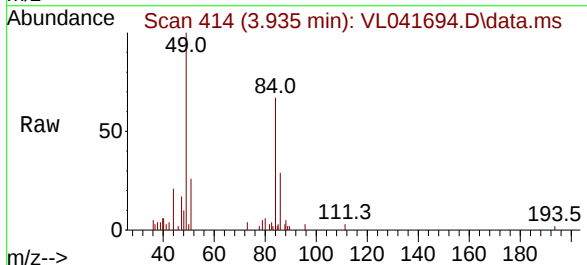
Ion Ratio Lower Upper

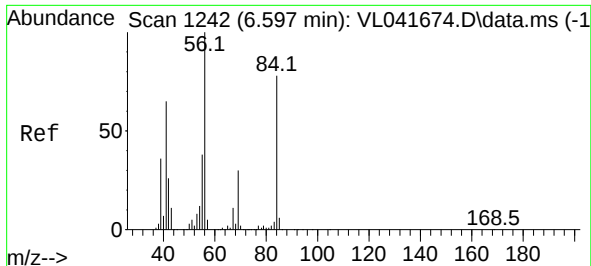
84 100

49 132.5 129.7 194.5

51 29.0 39.8 59.6#

86 38.9 49.1 73.7#





#30

Cyclohexane

Concen: 0.031 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. 0.039 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

Instrument :

MSVOA_L

ClientSampleId :

CAN 10154

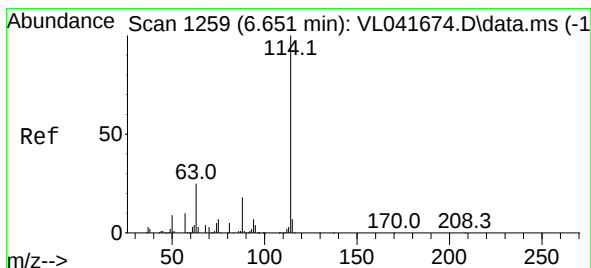
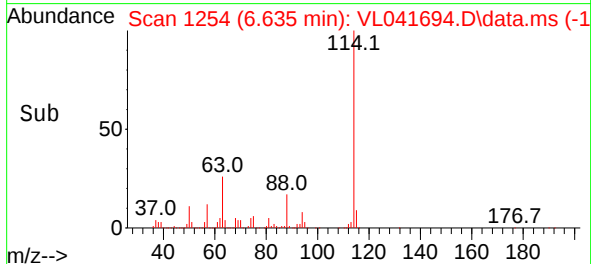
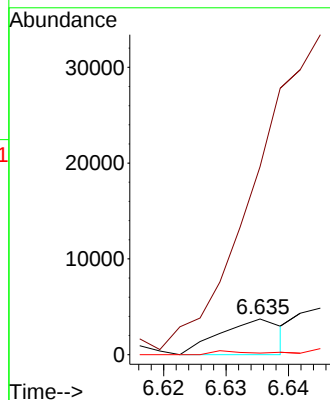
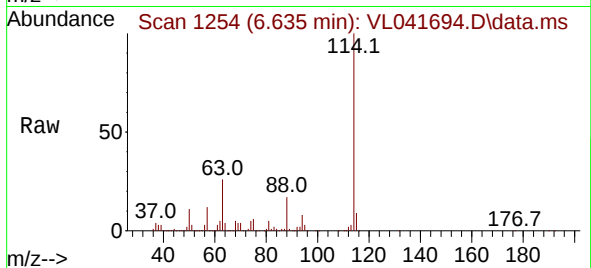
Tgt Ion: 84 Resp: 2566

Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 0.0 70.0 105.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

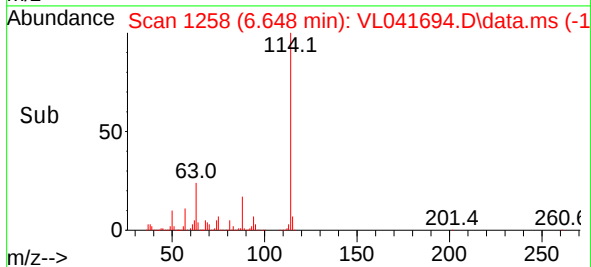
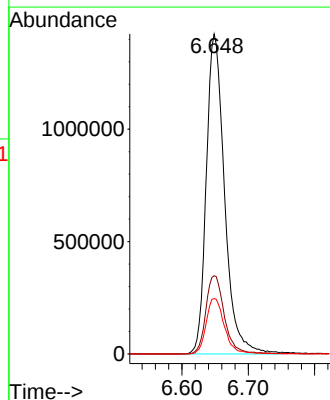
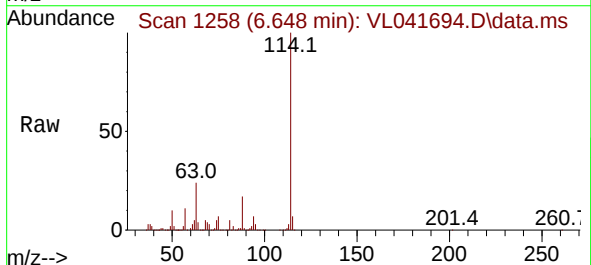
Tgt Ion:114 Resp: 2720698

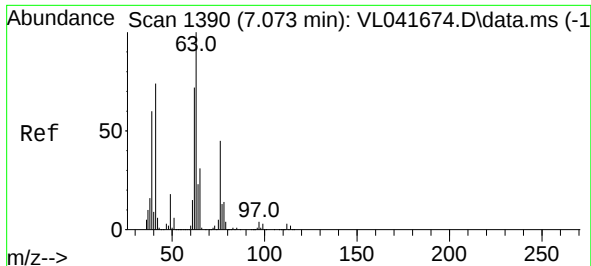
Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.5 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.392 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

Instrument :

MSVOA_L

ClientSampleId :

CAN 10154

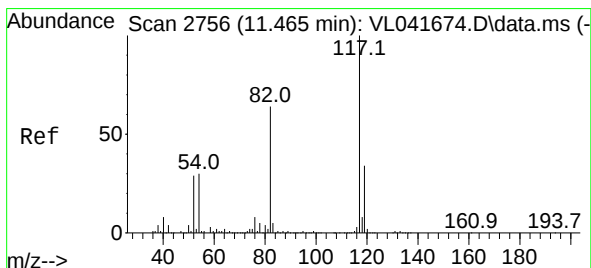
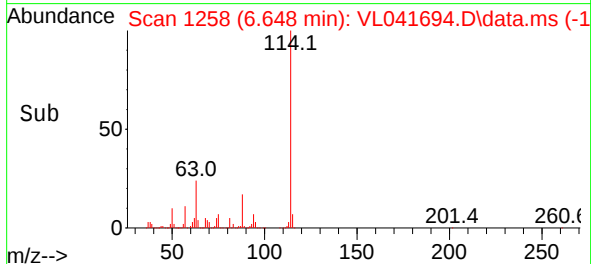
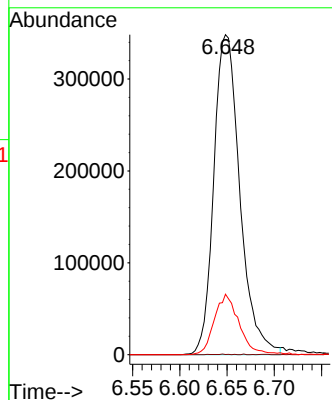
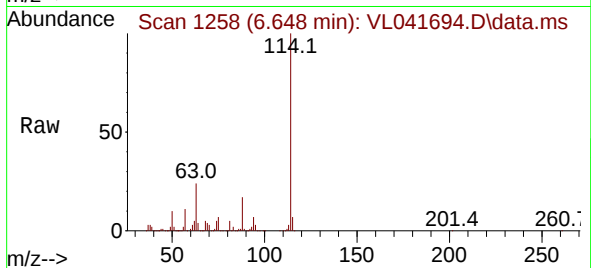
Tgt Ion: 63 Resp: 668533

Ion Ratio Lower Upper

63 100

41 0.0 59.1 88.7#

62 18.9 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.003 min

Lab File: VL041694.D

Acq: 8 Nov 2024 1:39

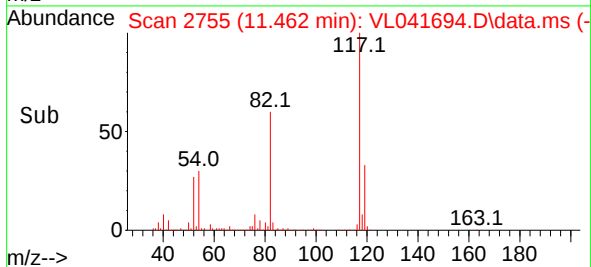
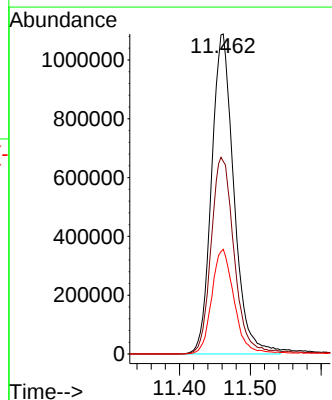
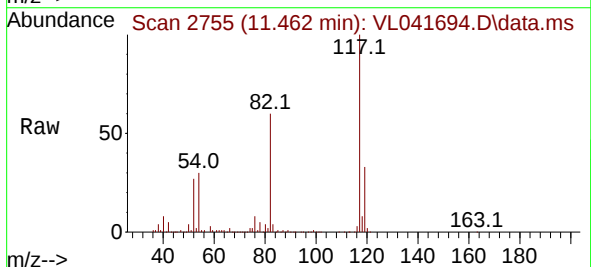
Tgt Ion: 117 Resp: 2387368

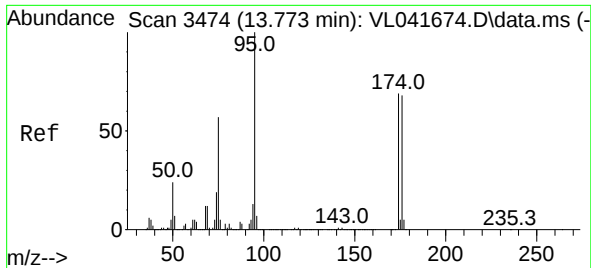
Ion Ratio Lower Upper

117 100

82 64.9 49.8 74.8

119 33.3 24.2 36.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.177 ppbv

RT: 13.770 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041694.D

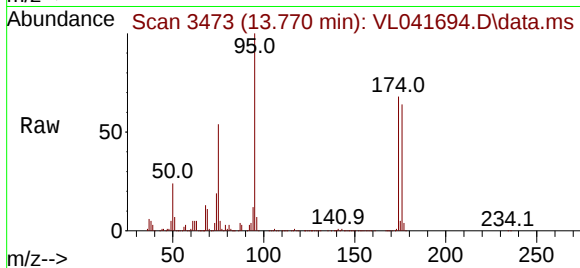
Acq: 8 Nov 2024 1:39

Instrument :

MSVOA_L

ClientSampleId :

CAN 10154



Tgt Ion: 95 Resp: 1790227

Ion Ratio Lower Upper

95 100

174 70.2 55.6 83.4

175 4.9 4.2 6.2

