

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041470.D
 Acq On : 1 Aug 2024 9:17
 Operator : SY/MD
 Sample : VL0801ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABL01

Quant Time: Aug 02 04:10:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

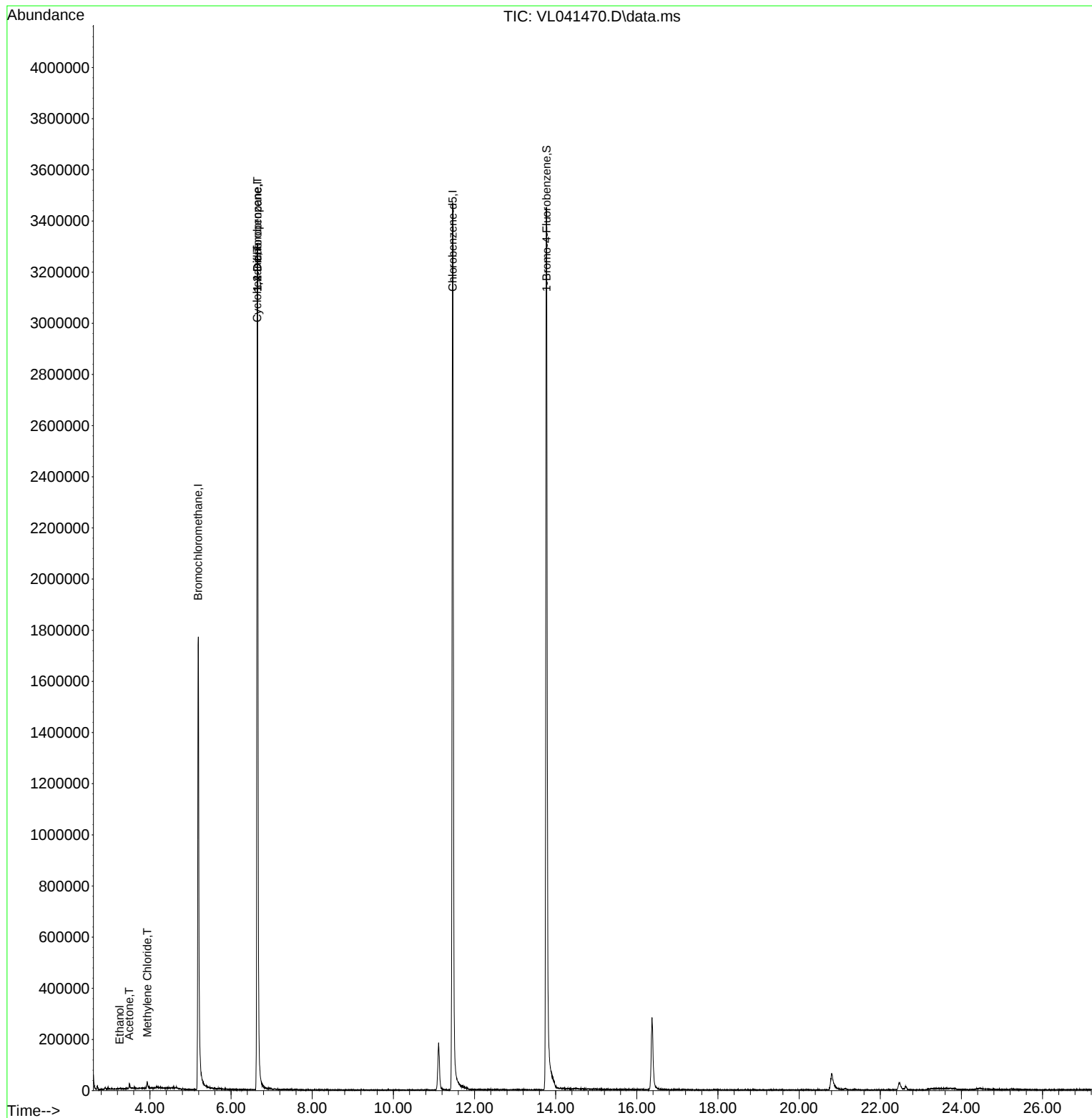
Internal Standards						
1) Bromochloromethane	5.189	49	944486	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2602044	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2364302	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1793429	9.857	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.256	45	237	0.051	ppbv #	41
15) Acetone	3.491	43	6927	0.065	ppbv #	48
20) Methylene Chloride	3.935	84	6875	0.172	ppbv	91
30) Cyclohexane	6.642	84	4685	0.065	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	632663	8.691	ppbv #	25

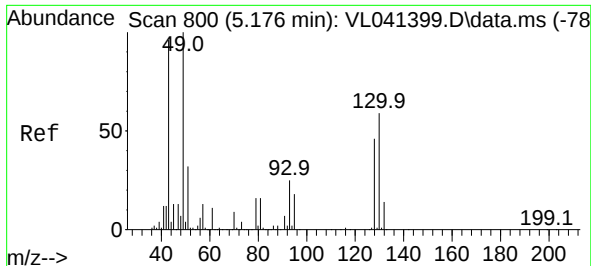
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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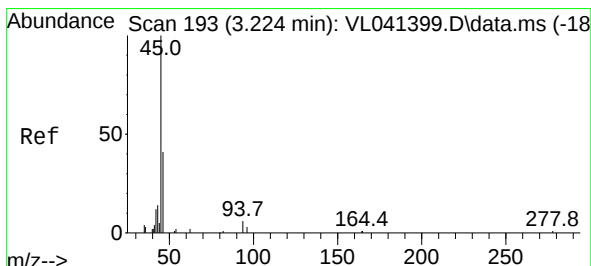
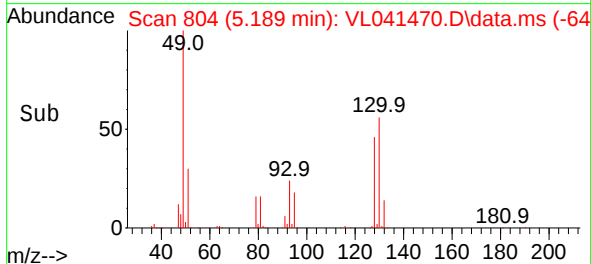
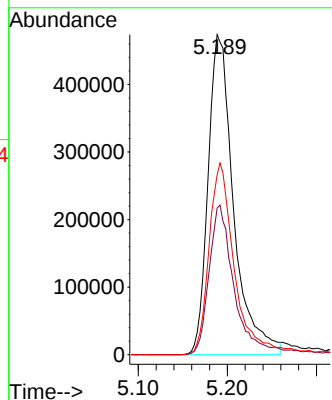
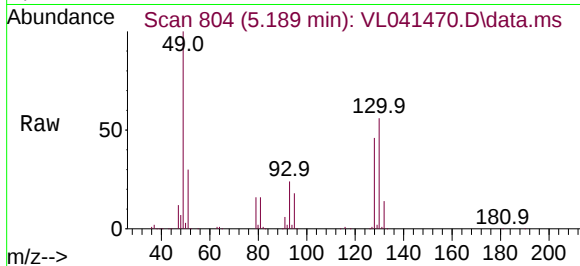




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

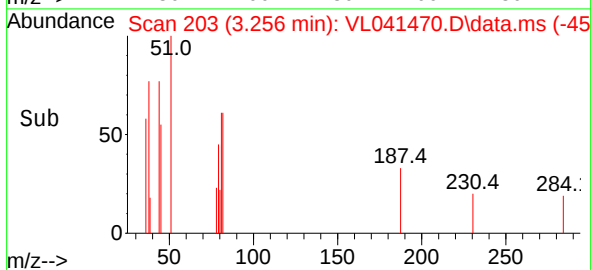
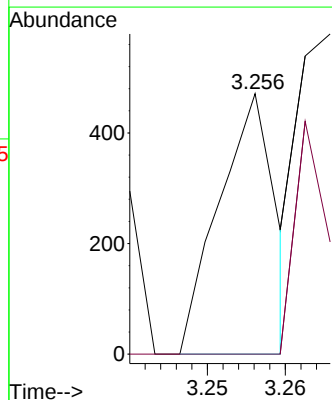
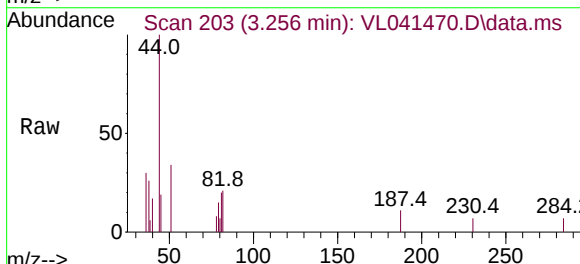
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABL01

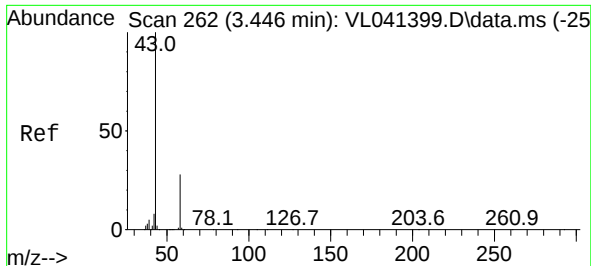
Tgt Ion: 49 Resp: 944486
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.4
130 62.0 30.8 92.4



#13
Ethanol
Concen: 0.051 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.010 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

Tgt Ion: 45 Resp: 237
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#





#15

Acetone

Concen: 0.065 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

Instrument :

MSVOA_L

ClientSampleId :

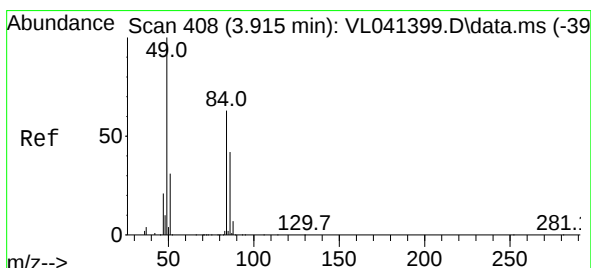
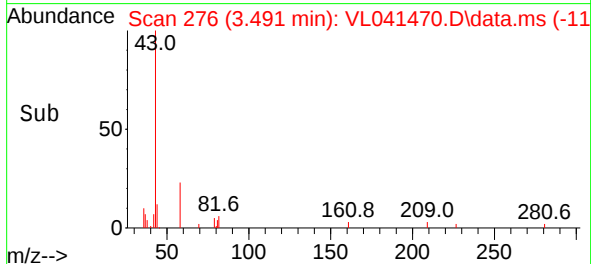
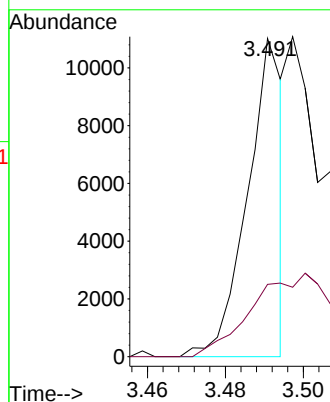
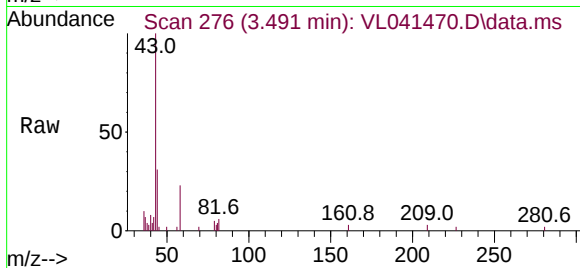
VL0801ABL01

Tgt Ion: 43 Resp: 6927

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.2#



#20

Methylene Chloride

Concen: 0.172 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

Tgt Ion: 84 Resp: 6875

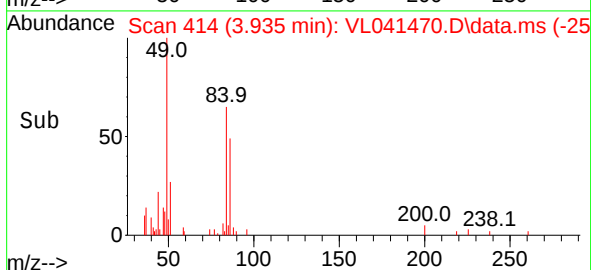
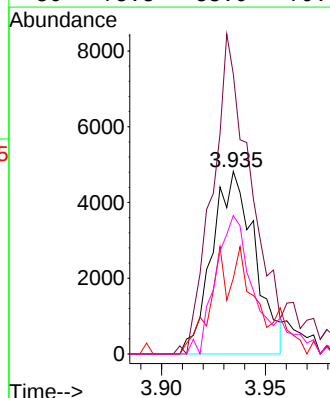
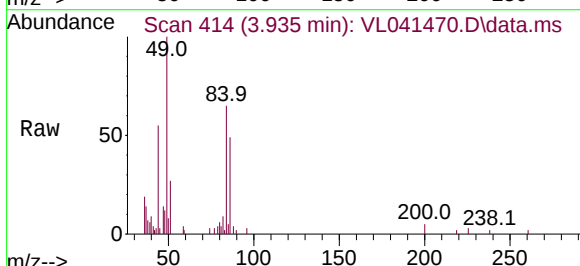
Ion Ratio Lower Upper

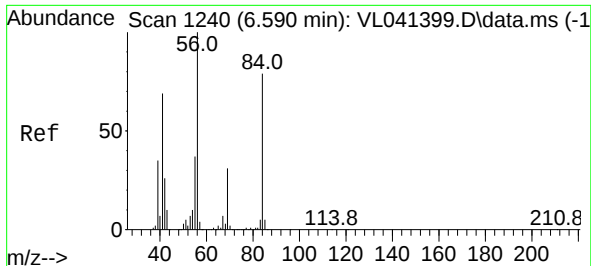
84 100

49 148.8 126.6 190.0

51 41.5 38.6 58.0

86 75.8 53.0 79.4





#30

Cyclohexane

Concen: 0.065 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.045 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABL01

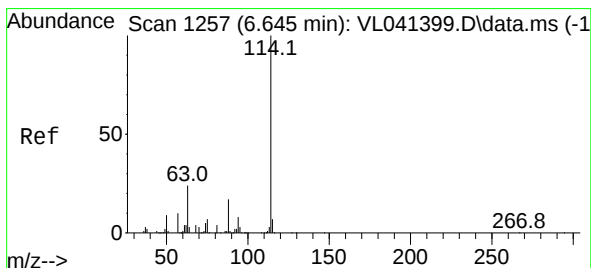
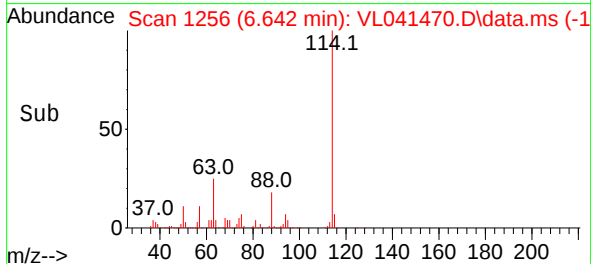
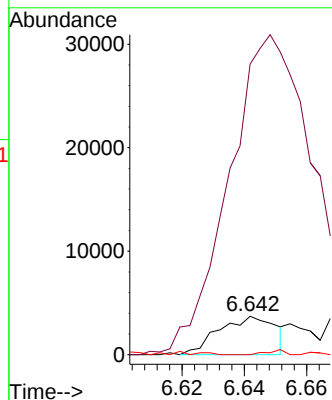
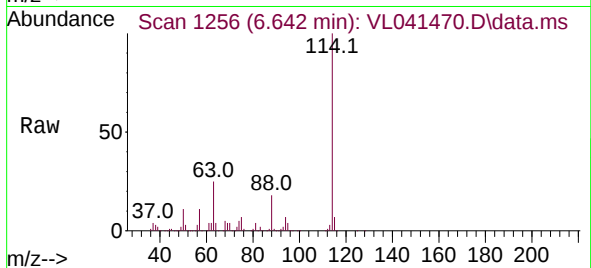
Tgt Ion: 84 Resp: 4685

Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 2.9 70.3 105.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.007 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

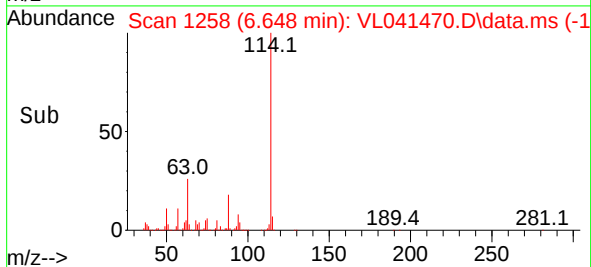
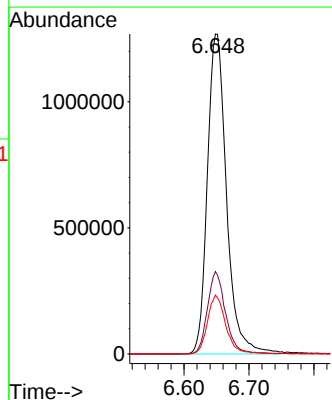
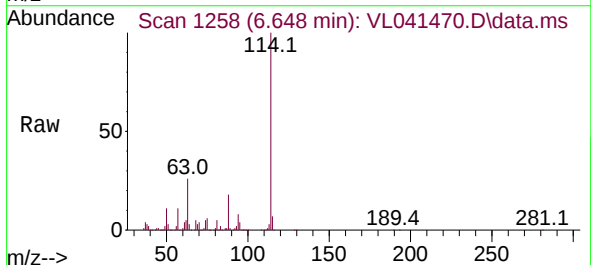
Tgt Ion:114 Resp: 2602044

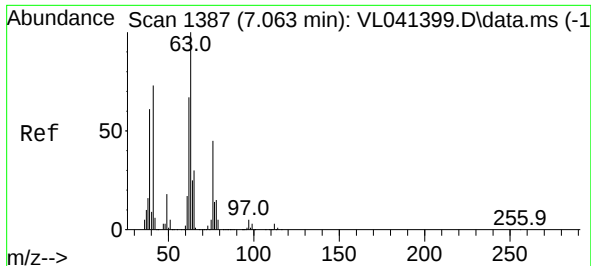
Ion Ratio Lower Upper

114 100

63 24.7 20.3 30.5

88 17.7 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.691 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABL01

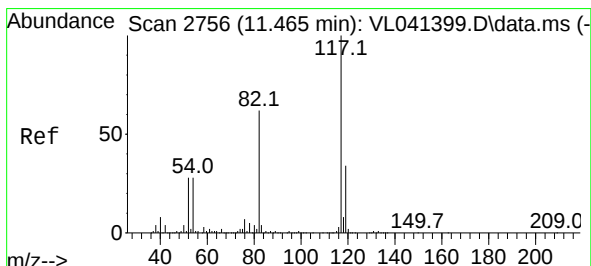
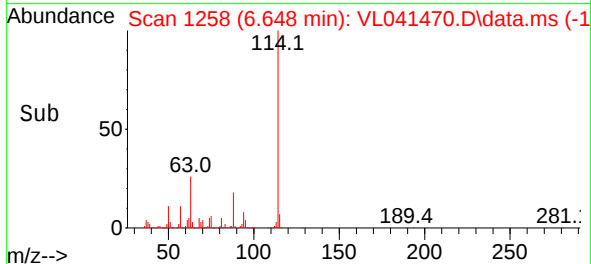
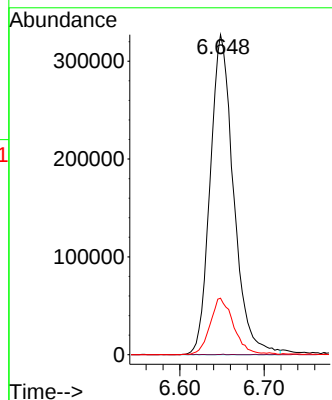
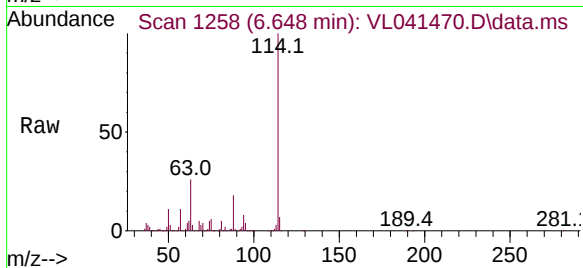
Tgt Ion: 63 Resp: 632663

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.7 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.003 min

Lab File: VL041470.D

Acq: 1 Aug 2024 9:17

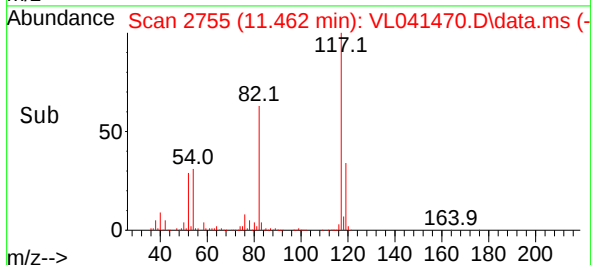
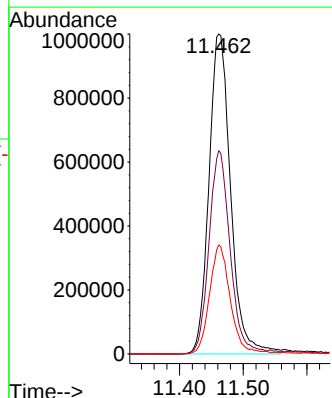
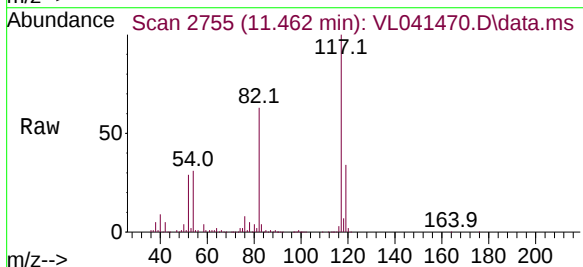
Tgt Ion: 117 Resp: 2364302

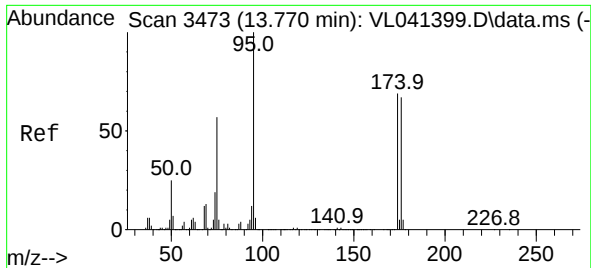
Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

119 33.0 45.2 67.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.857 ppbv

RT: 13.773 min Scan# 34

Delta R.T. -0.000 min

Lab File: VL041470.D

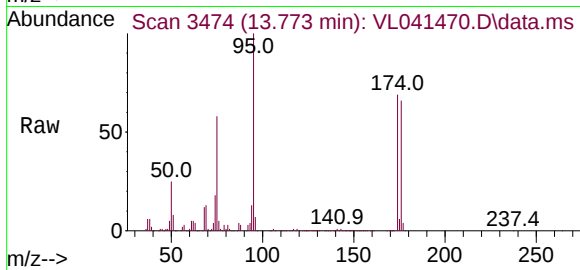
Acq: 1 Aug 2024 9:17

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABL01



Tgt Ion: 95 Resp: 1793429

Ion Ratio Lower Upper

95 100

174 71.9 56.3 84.5

175 5.3 4.0 6.0

