

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041382.D
 Acq On : 22 Jul 2024 11:21
 Operator : SY/MD
 Sample : VL0722ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 23 03:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 23 02:50:01 2024
 Response via : Initial Calibration

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

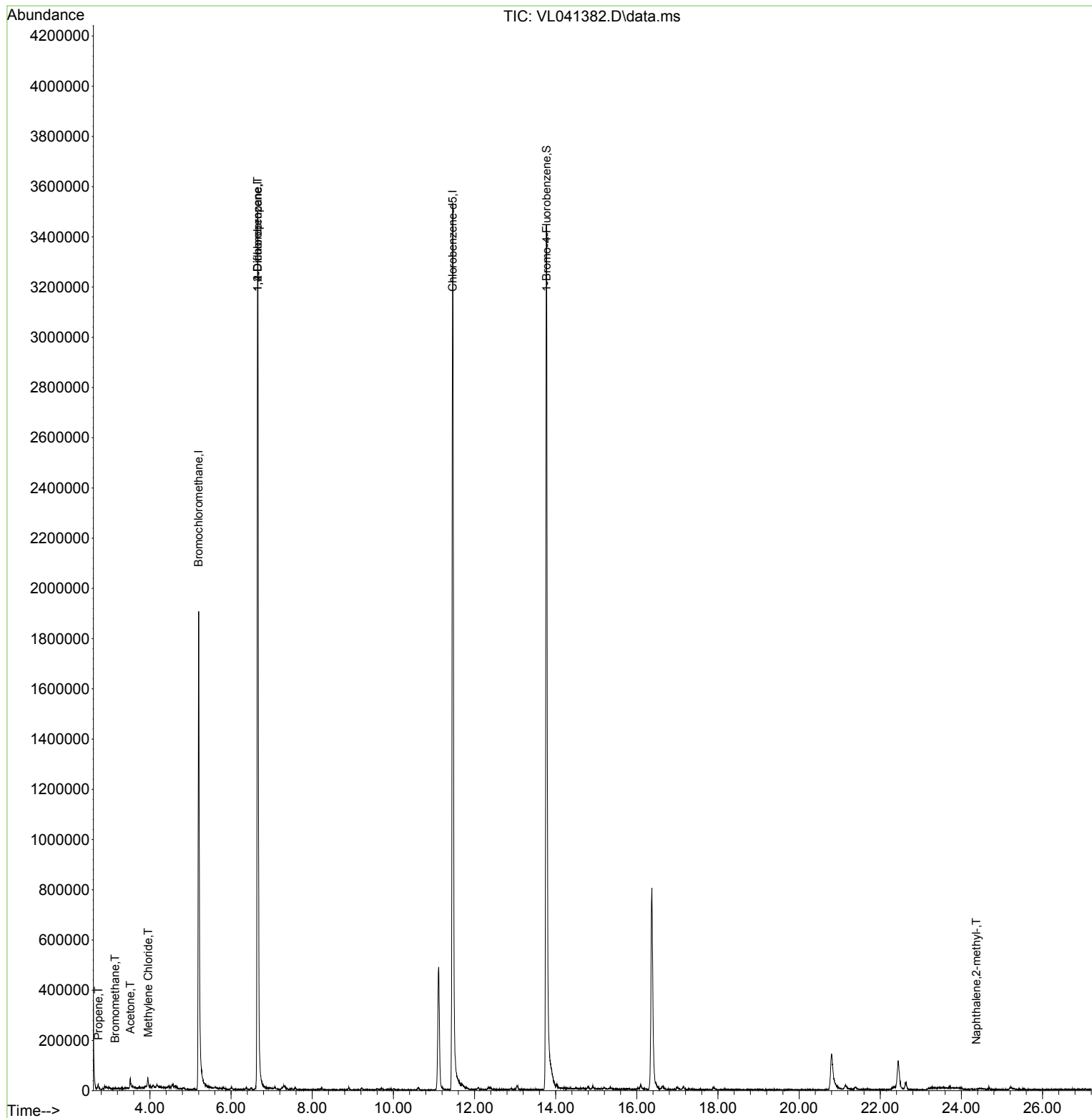
Internal Standards						
1) Bromochloromethane	5.201	49	980592	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2717183	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2415653	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1779184	9.827	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
6) Bromomethane	3.144	94	706	0.032	ppbv	88
9) Propene	2.729	41	2550	0.044	ppbv #	15
15) Acetone	3.517	43	43135	0.333	ppbv #	82
20) Methylene Chloride	3.960	84	2462	0.052	ppbv #	77
39) 1,2-Dichloropropane	6.655	63	680651	7.832	ppbv #	21
80) Naphthalene,2-methyl-	24.371	142	976	2.274	ppbv #	1

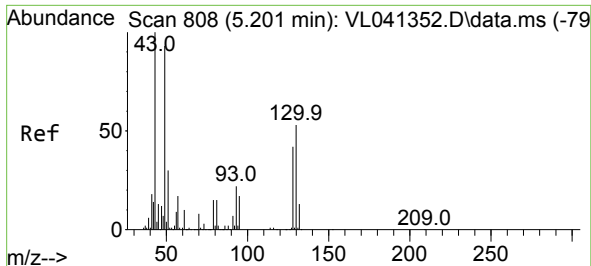
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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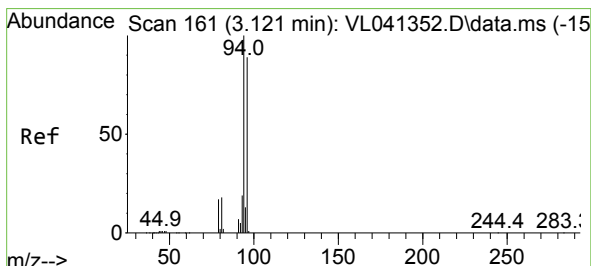
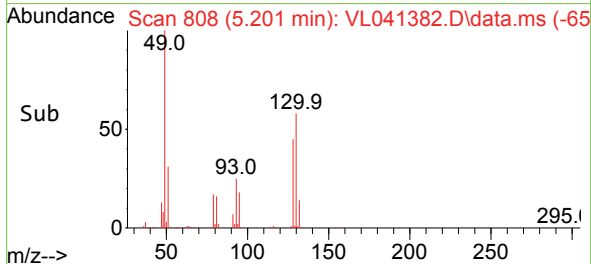
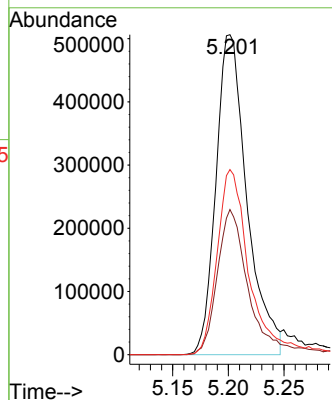
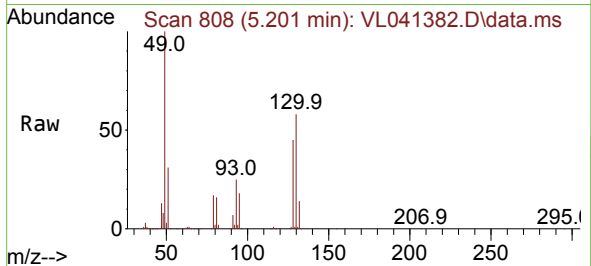




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

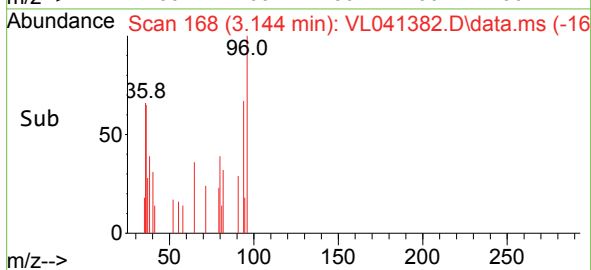
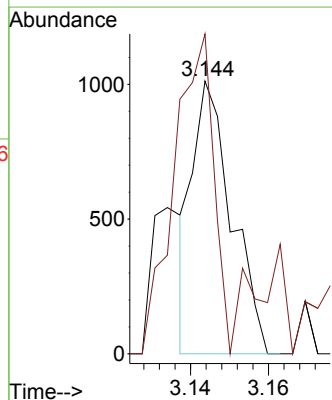
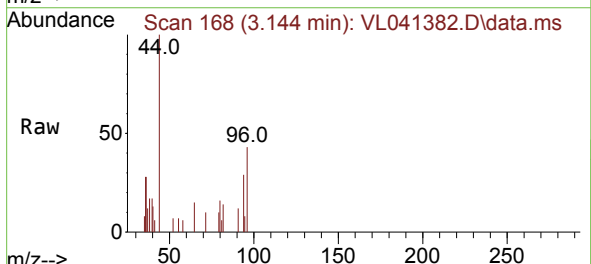
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 980592
Ion Ratio Lower Upper
49 100
128 46.8 22.8 68.3
130 61.0 28.9 86.7

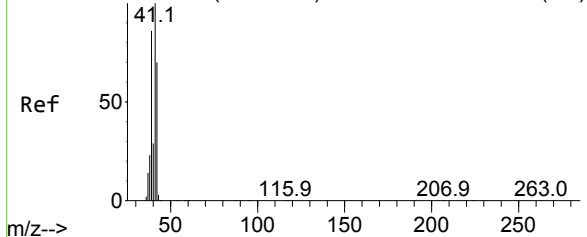


#6
Bromomethane
Concen: 0.032 ppbv
RT: 3.144 min Scan# 168
Delta R.T. -0.013 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 77.1 71.0 106.4



Abundance Scan 28 (2.693 min): VL041352.D\data.ms (-19)



#9

Propene

Concen: 0.044 ppbv

RT: 2.729 min Scan# 39

Delta R.T. -0.006 min

Lab File: VL041382.D

Acq: 22 Jul 2024 11:21

Instrument :

MSVOA_L

ClientSampleId :

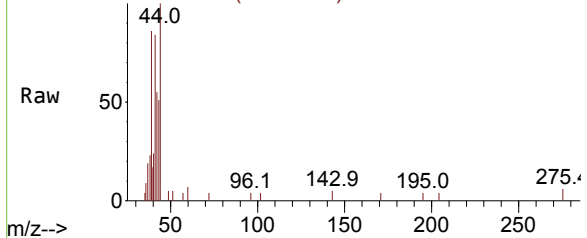
Tgt Ion: 41 Resp: 2550

Ion Ratio Lower Upper

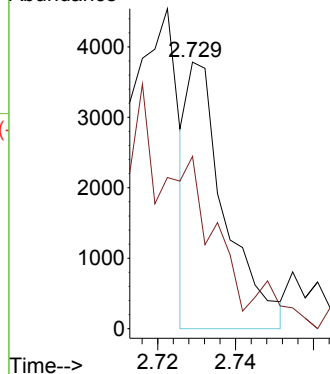
41 100

42 0.0 55.8 83.8#

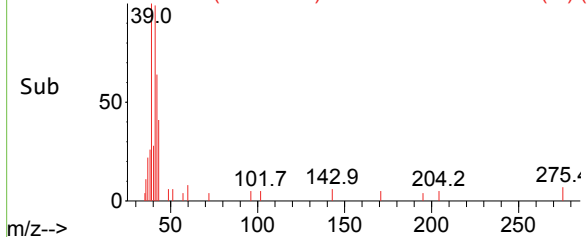
Abundance Scan 39 (2.729 min): VL041382.D\data.ms



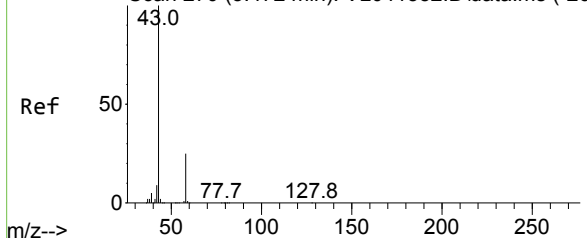
Abundance



Abundance Scan 39 (2.729 min): VL041382.D\data.ms (-1)



Abundance Scan 270 (3.472 min): VL041352.D\data.ms (-26)



#15

Acetone

Concen: 0.333 ppbv

RT: 3.517 min Scan# 284

Delta R.T. 0.016 min

Lab File: VL041382.D

Acq: 22 Jul 2024 11:21

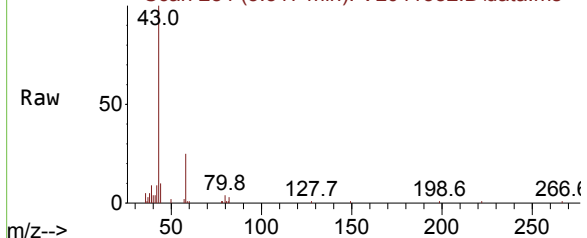
Tgt Ion: 43 Resp: 43135

Ion Ratio Lower Upper

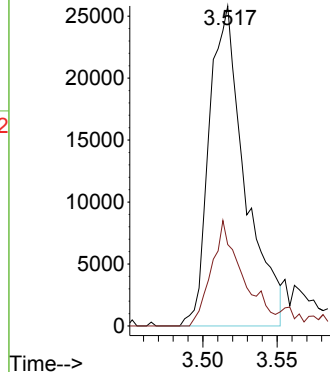
43 100

58 34.6 20.3 30.5#

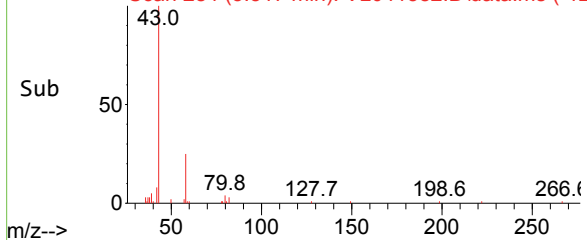
Abundance Scan 284 (3.517 min): VL041382.D\data.ms

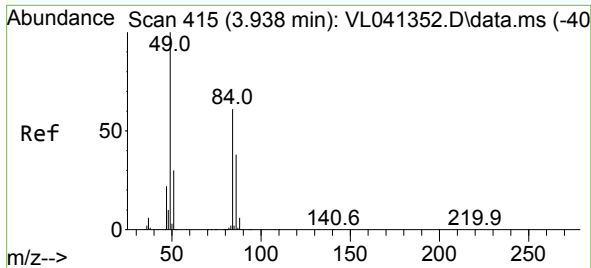


Abundance



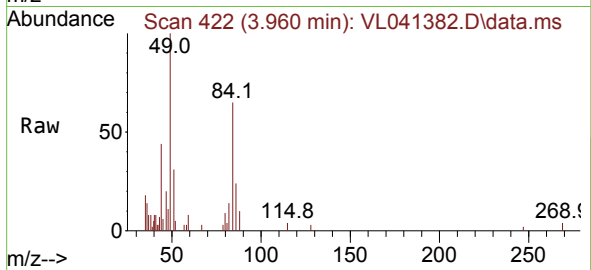
Abundance Scan 284 (3.517 min): VL041382.D\data.ms (-12)





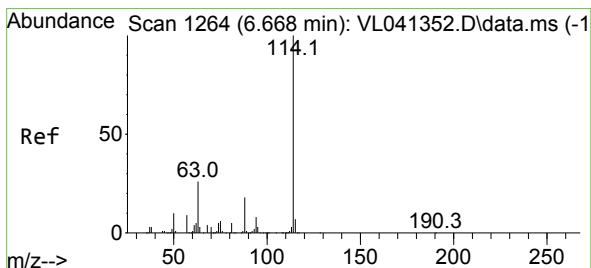
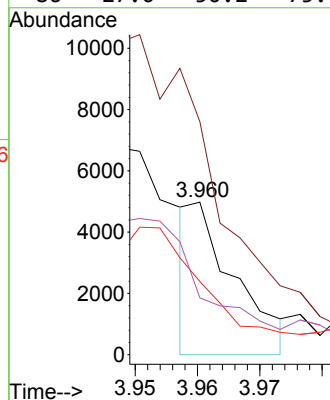
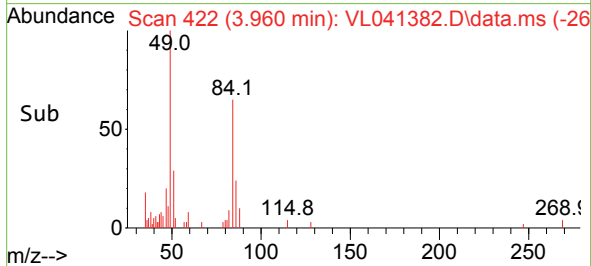
#20
Methylene Chloride
Concen: 0.052 ppbv
RT: 3.960 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 2462

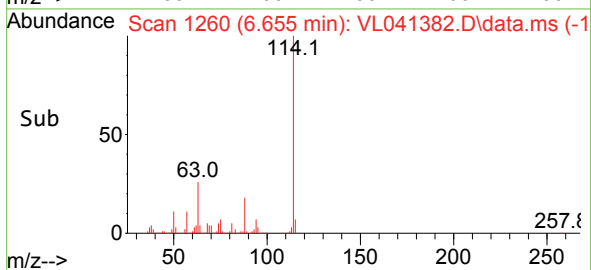
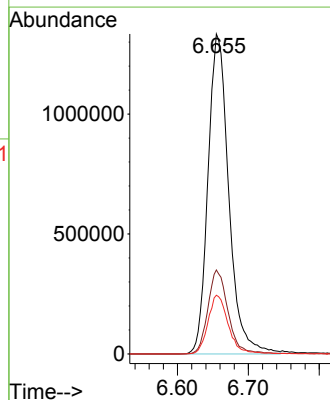
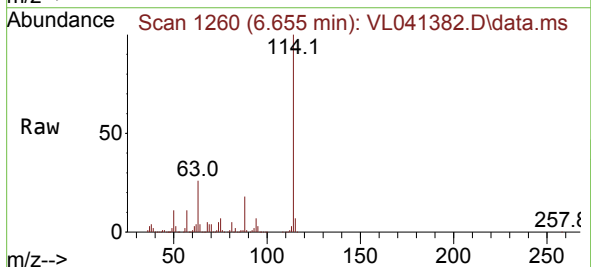
Ion	Ratio	Lower	Upper
84	100		
49	140.6	131.8	197.6
51	43.4	39.6	59.4
86	27.0	50.2	75.4

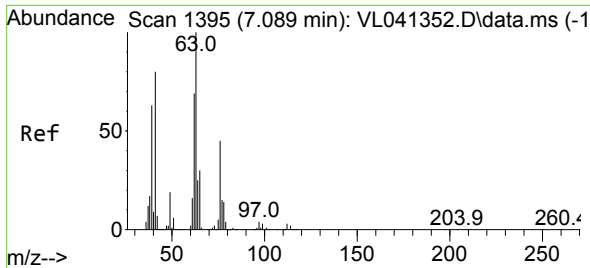


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.013 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

Tgt Ion: 114 Resp: 2717183

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.6	31.0
88	18.1	14.6	21.8





#39

1,2-Dichloropropane

Concen: 7.832 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.434 min

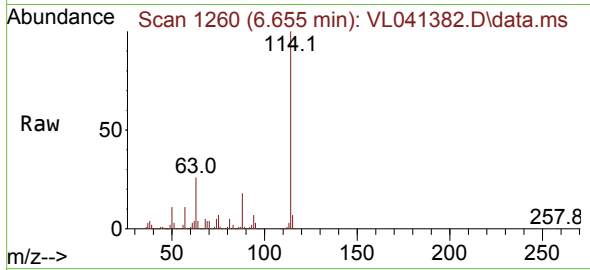
Lab File: VL041382.D

Acq: 22 Jul 2024 11:21

Instrument :

MSVOA_L

ClientSampleId :



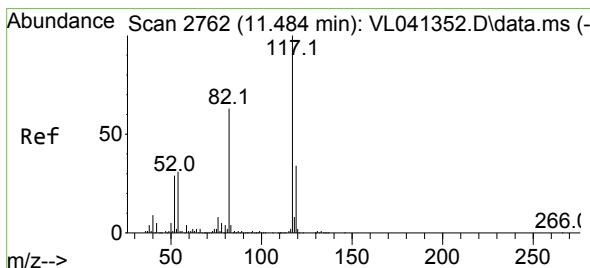
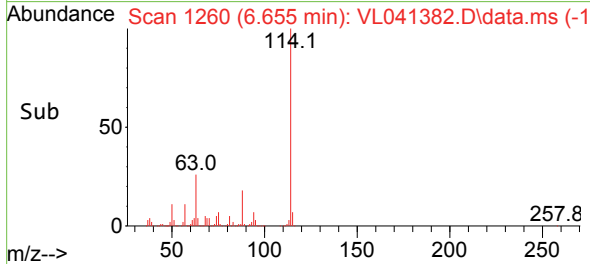
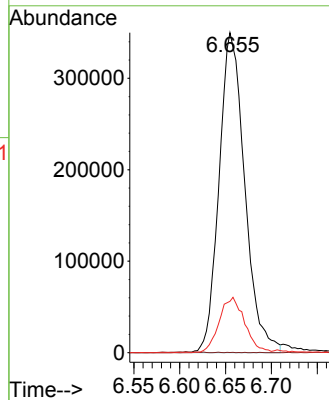
Tgt Ion: 63 Resp: 680651

Ion Ratio Lower Upper

63 100

41 0.1 64.0 96.0#

62 16.1 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.003 min

Lab File: VL041382.D

Acq: 22 Jul 2024 11:21

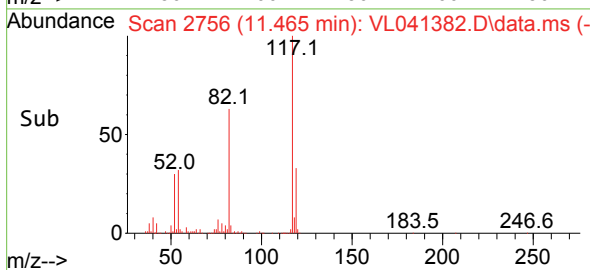
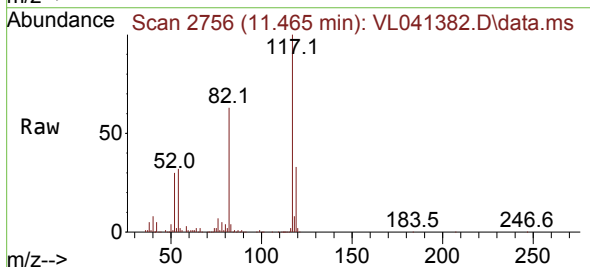
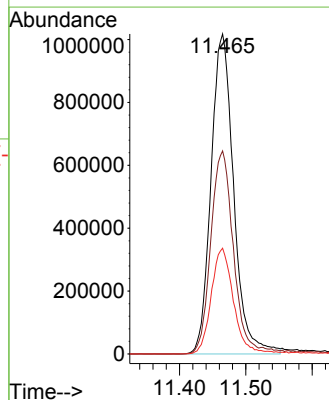
Tgt Ion: 117 Resp: 2415653

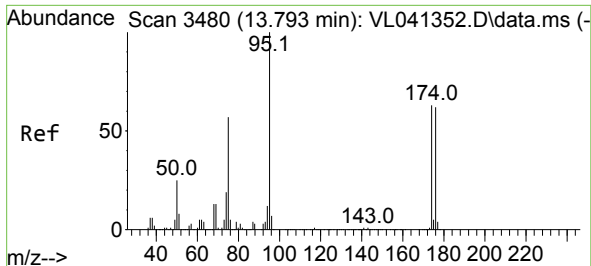
Ion Ratio Lower Upper

117 100

82 65.4 50.6 75.8

119 33.5 24.7 37.1

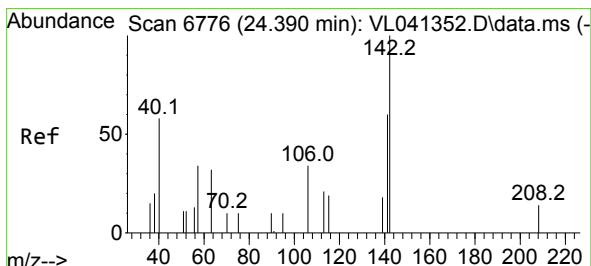
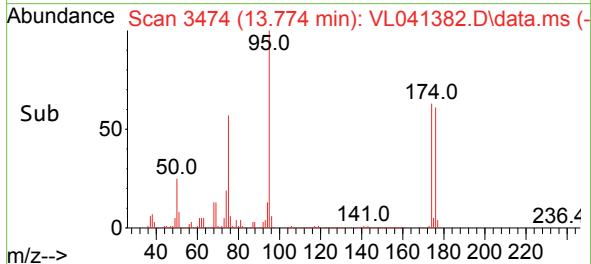
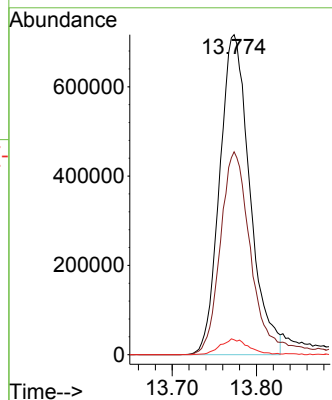
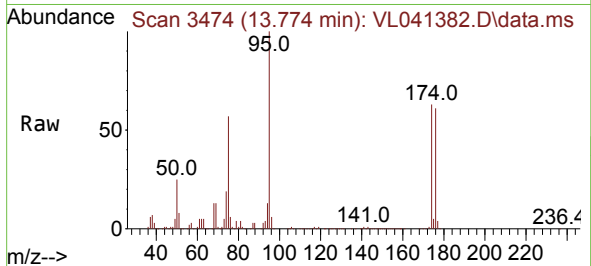




#68
1-Bromo-4-Fluorobenzene
Concen: 9.827 ppbv
RT: 13.774 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1779184
Ion Ratio Lower Upper
95 100
174 67.7 53.1 79.7
175 4.8 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 2.274 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.009 min
Lab File: VL041382.D
Acq: 22 Jul 2024 11:21

Tgt Ion:142 Resp: 976
Ion Ratio Lower Upper
142 100
141 112.9 37.9 56.9#
115 70.0 11.0 16.4#

