

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040394.D
 Acq On : 20 Apr 2023 00:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 20 07:50:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

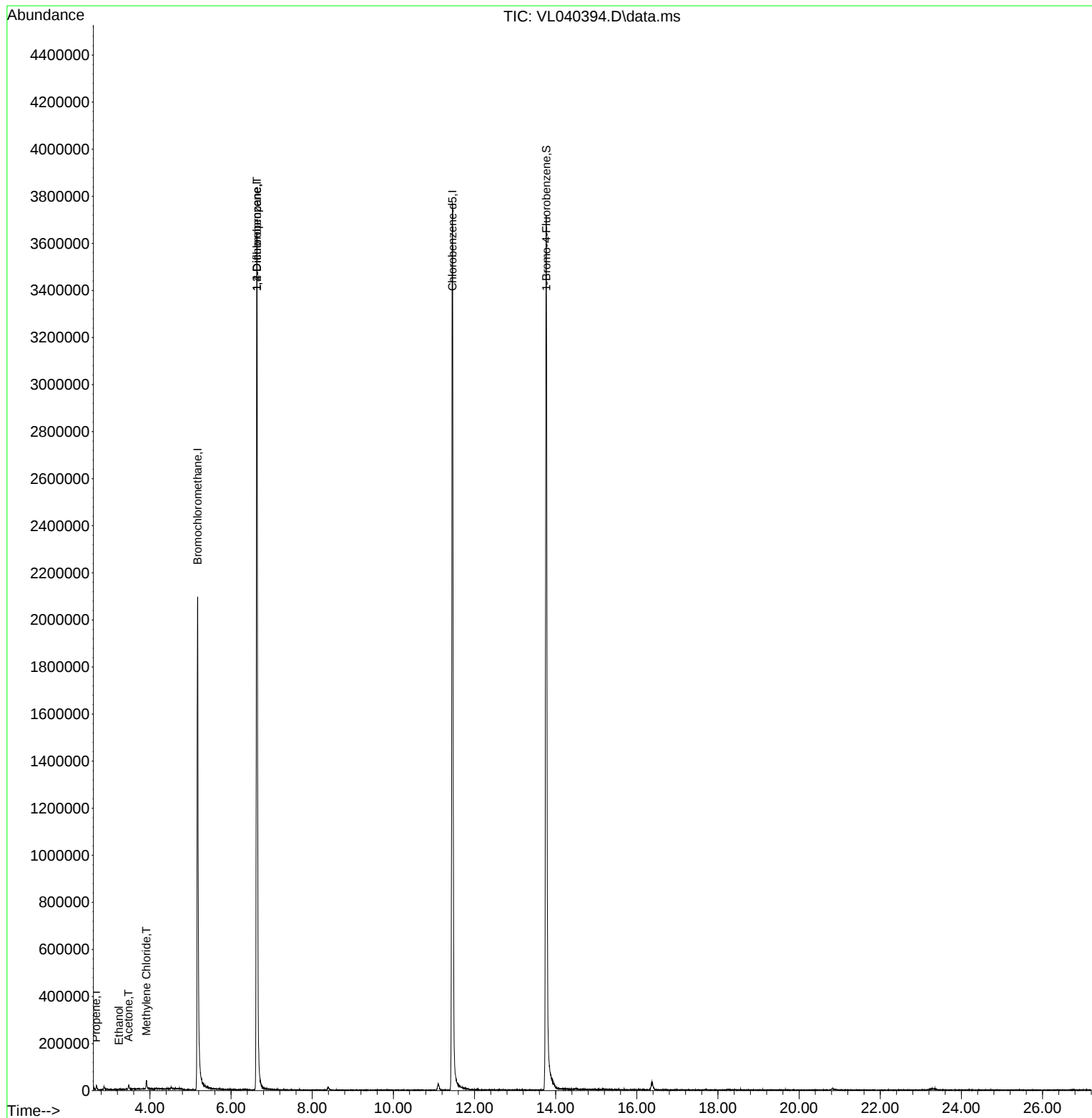
Internal Standards						
1) Bromochloromethane	5.172	49	1099518	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	2870935	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.455	117	2550259	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1949689	9.245	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	2384	0.042	ppbv #	58
13) Ethanol	3.234	45	369	0.078	ppbv #	37
15) Acetone	3.468	43	5377	0.035	ppbv #	1
20) Methylene Chloride	3.915	84	7682	0.124	ppbv #	92
39) 1,2-Dichloropropane	6.635	63	696959	7.562	ppbv #	24

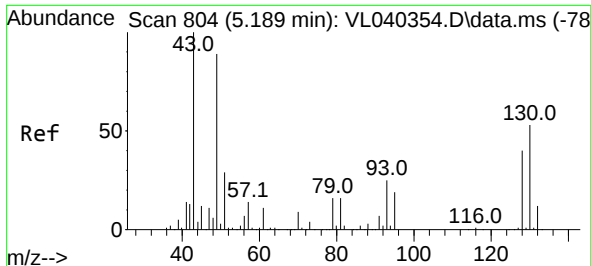
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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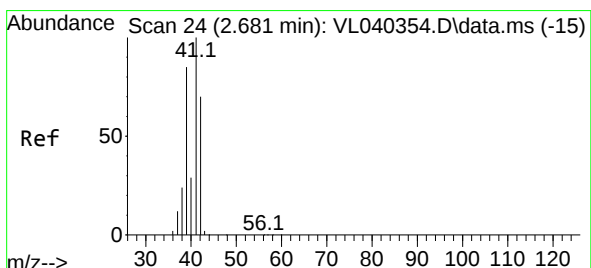
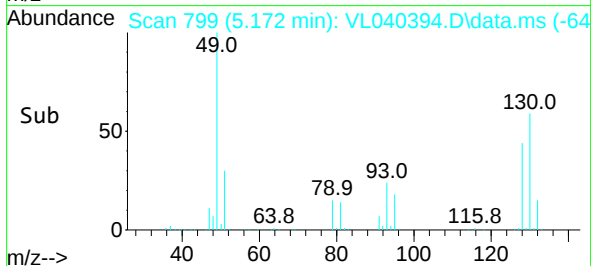
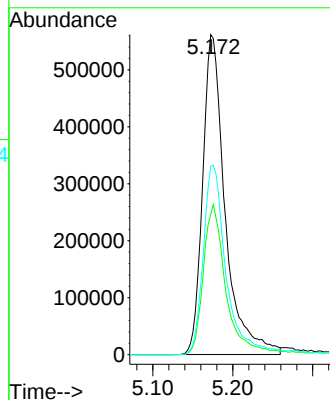
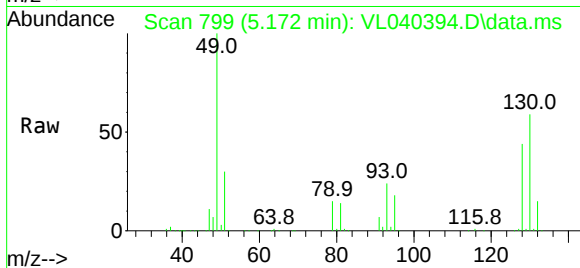


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.172 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: VL040394.D
 Acq: 20 Apr 2023 00:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 49 Resp: 1099518

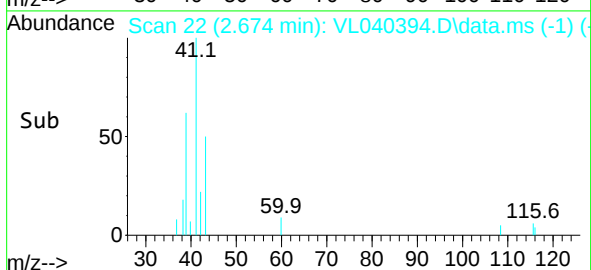
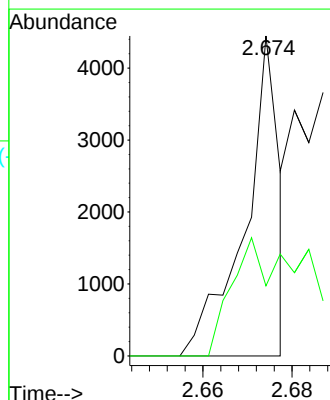
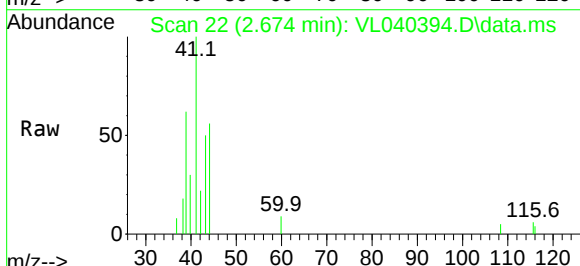
Ion	Ratio	Lower	Upper
49	100		
128	48.5	23.7	71.1
130	61.3	29.9	89.8

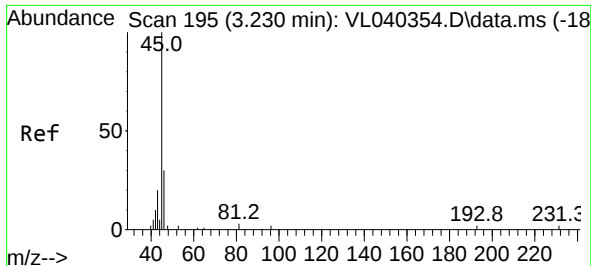


#9
 Propene
 Concen: 0.042 ppbv
 RT: 2.674 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: VL040394.D
 Acq: 20 Apr 2023 00:18

Tgt Ion: 41 Resp: 2384

Ion	Ratio	Lower	Upper
41	100		
42	105.4	56.5	84.7





#13

Ethanol

Concen: 0.078 ppbv

RT: 3.234 min Scan# 195

Delta R.T. 0.004 min

Lab File: VL040394.D

Acq: 20 Apr 2023 00:18

Instrument :

MSVOA_L

ClientSampleId :

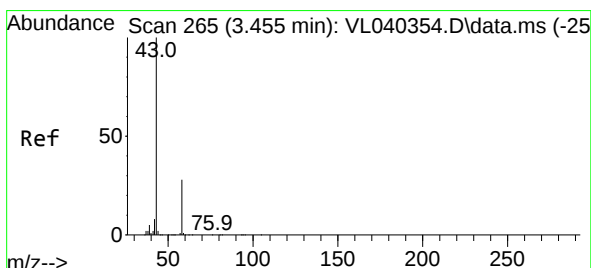
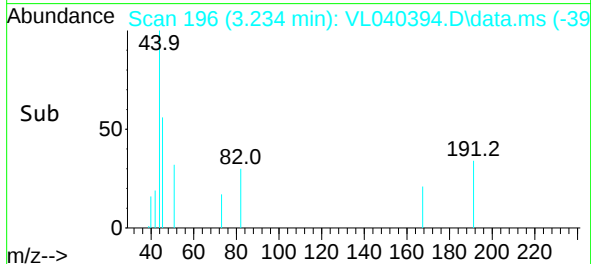
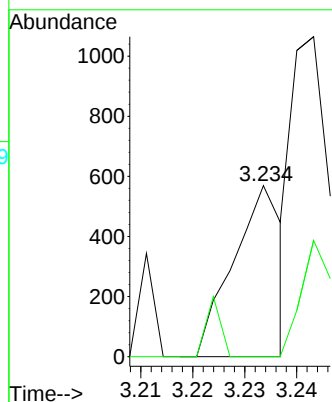
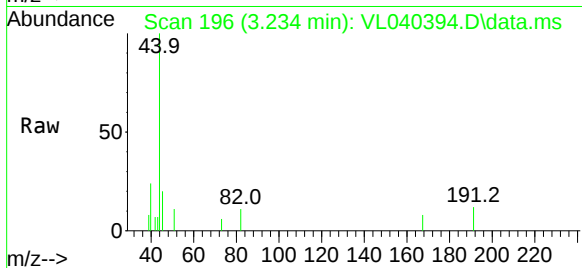
VIBLK

Tgt Ion: 45 Resp: 369

Ion Ratio Lower Upper

45 100

46 0.0 15.3 61.3#



#15

Acetone

Concen: 0.035 ppbv

RT: 3.468 min Scan# 269

Delta R.T. 0.013 min

Lab File: VL040394.D

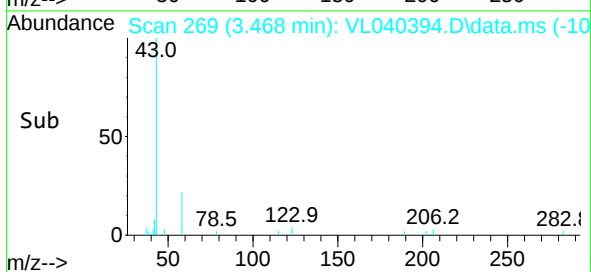
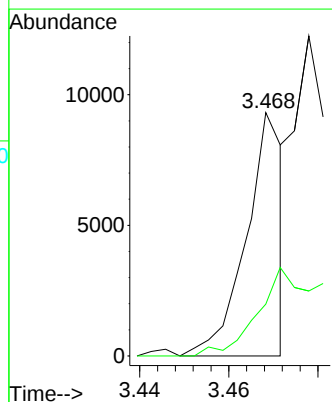
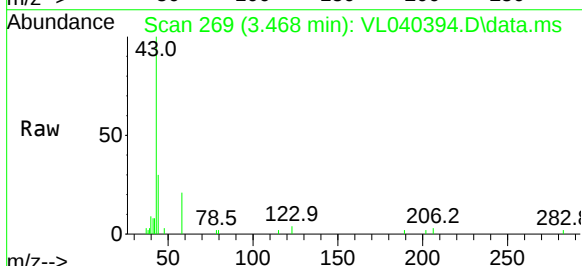
Acq: 20 Apr 2023 00:18

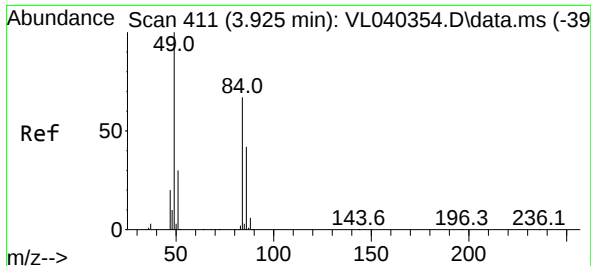
Tgt Ion: 43 Resp: 5377

Ion Ratio Lower Upper

43 100

58 119.1 22.2 33.2#



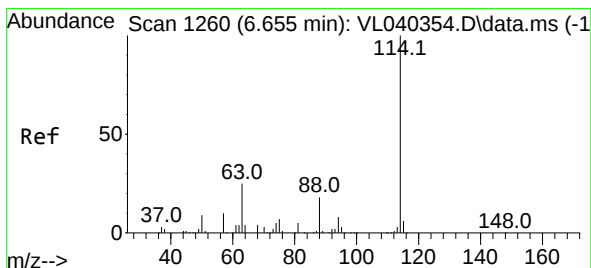
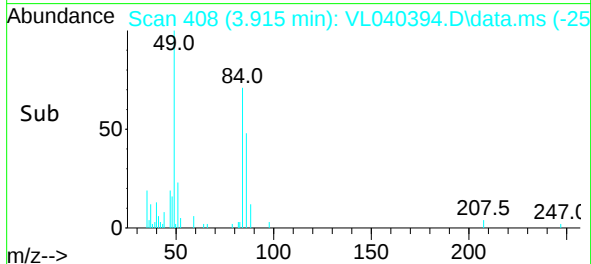
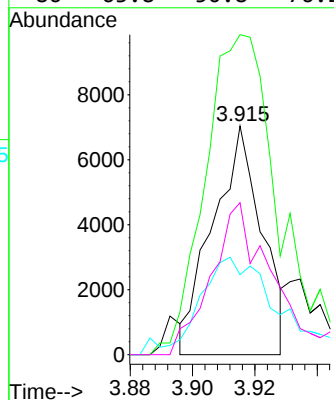
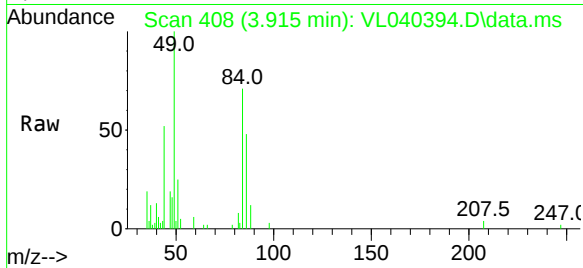


#20
Methylene Chloride
Concen: 0.124 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040394.D
Acq: 20 Apr 2023 00:18

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 7682

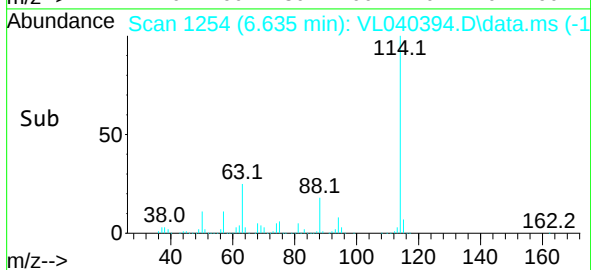
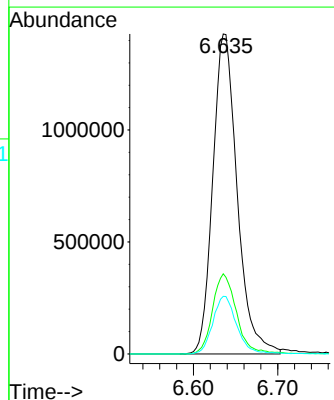
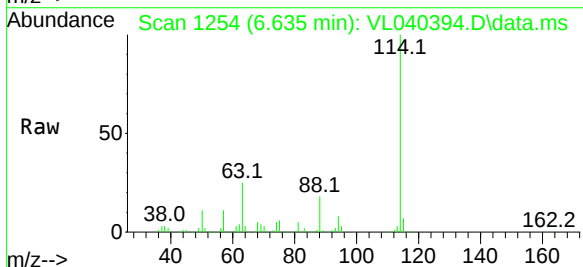
Ion	Ratio	Lower	Upper
84	100		
49	140.3	120.1	180.1
51	32.9	36.3	54.5
86	63.8	50.8	76.2

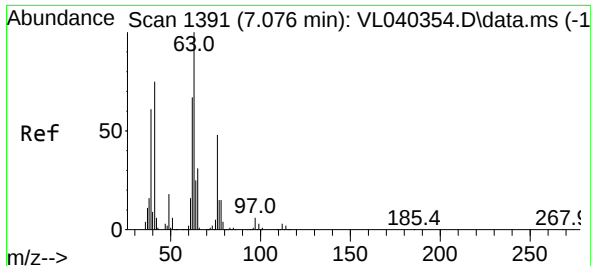


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.020 min
Lab File: VL040394.D
Acq: 20 Apr 2023 00:18

Tgt Ion: 114 Resp: 2870935

Ion	Ratio	Lower	Upper
114	100		
63	24.7	21.4	32.0
88	17.8	14.6	22.0





#39

1,2-Dichloropropane

Concen: 7.562 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.441 min

Lab File: VL040394.D

Acq: 20 Apr 2023 00:18

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

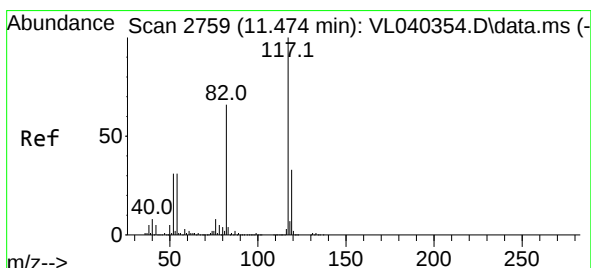
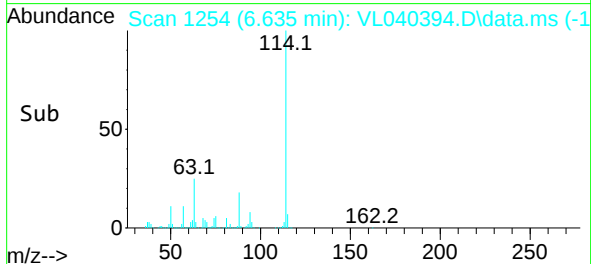
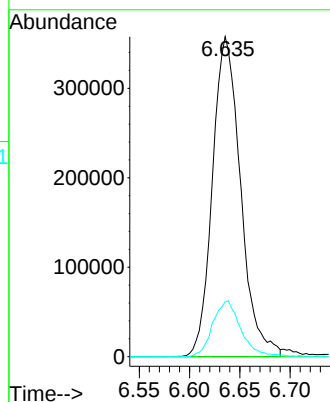
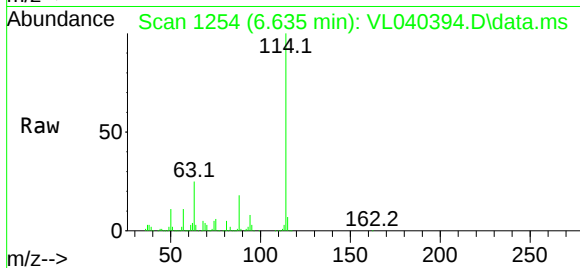
Tgt Ion: 63 Resp: 696959

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.2 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.019 min

Lab File: VL040394.D

Acq: 20 Apr 2023 00:18

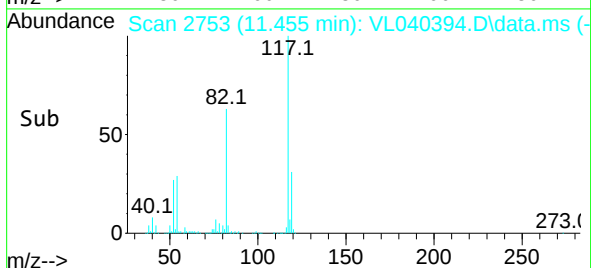
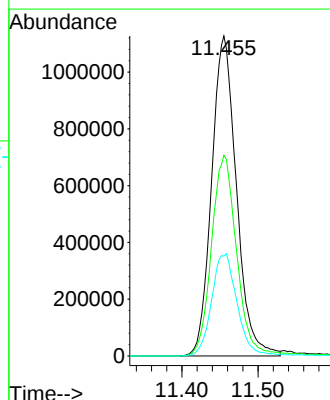
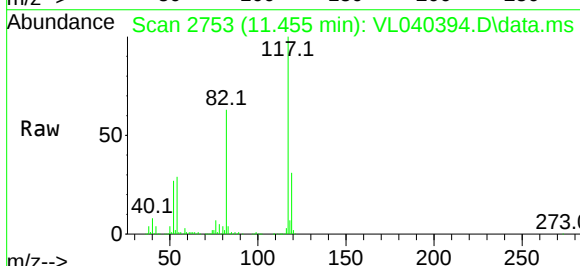
Tgt Ion: 117 Resp: 2550259

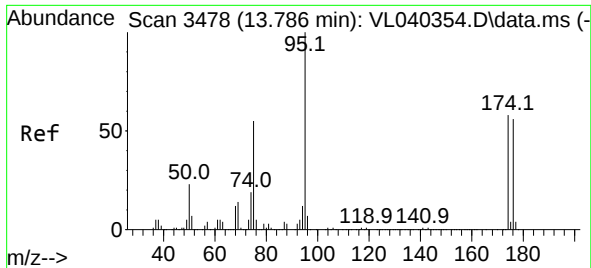
Ion Ratio Lower Upper

117 100

82 64.7 52.5 78.7

119 33.1 24.3 36.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.245 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. -0.019 min
 Lab File: VL040394.D
 Acq: 20 Apr 2023 00:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1949689

Ion	Ratio	Lower	Upper
95	100		
174	65.4	47.2	70.8
175	4.6	3.5	5.3

