

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040826.D
 Acq On : 9 Nov 2023 8:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 10 04:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

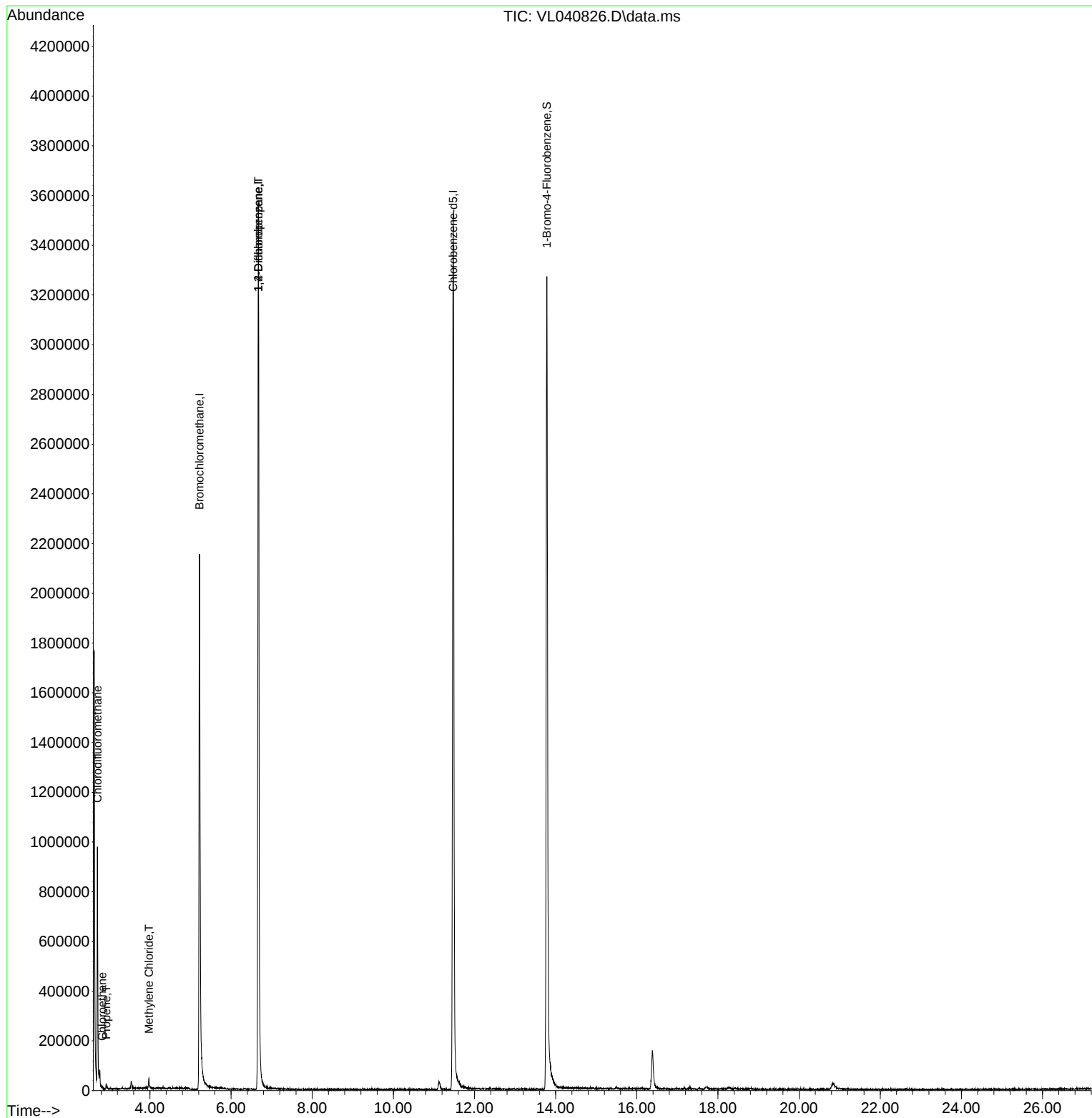
Internal Standards						
1) Bromochloromethane	5.221	49	1075588	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.671	114	2800242	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2382870	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1749921	9.980	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.706	51	334750	2.118	ppbv #	60
7) Chloroethane	2.822	64	2367	0.113	ppbv #	65
9) Propene	2.922	41	7775	0.132	ppbv	93
20) Methylene Chloride	3.973	84	10034	0.217	ppbv	93
39) 1,2-Dichloropropane	6.671	63	696504	8.277	ppbv #	27

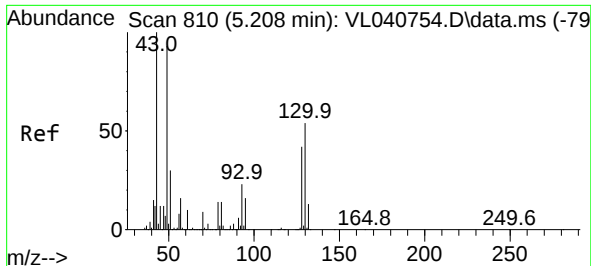
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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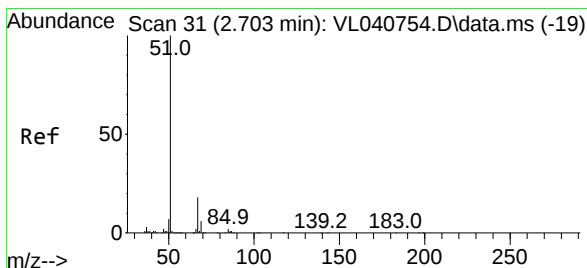
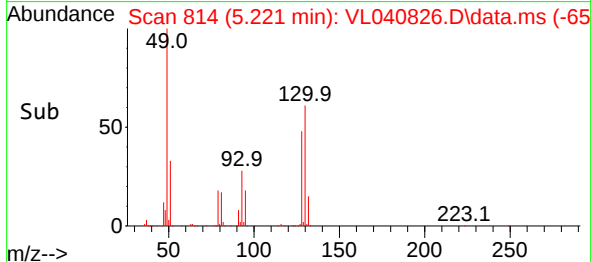
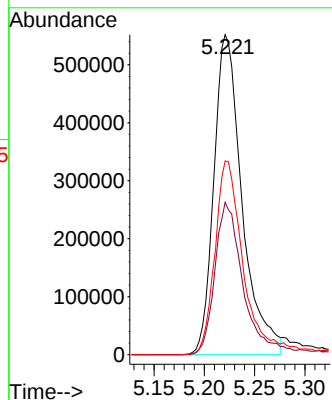
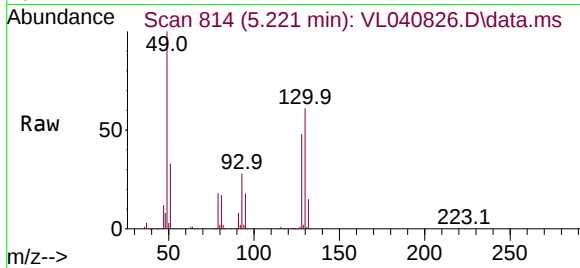




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

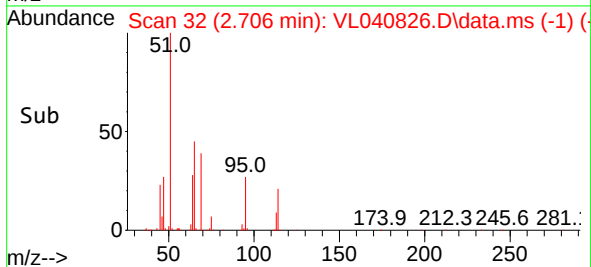
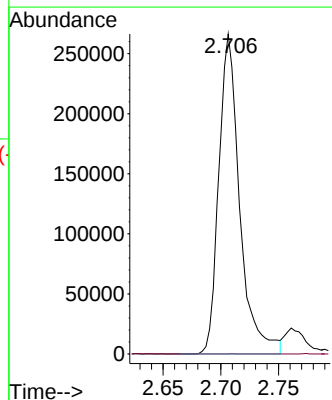
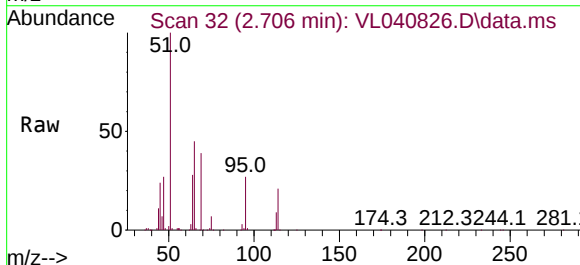
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

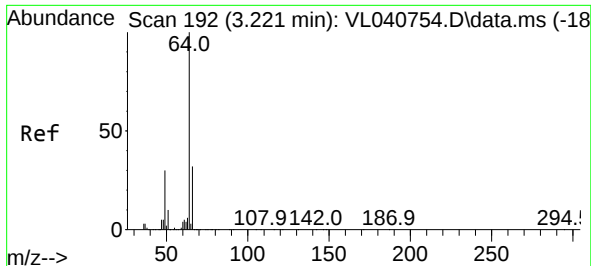
Tgt Ion: 49 Resp: 1075588
Ion Ratio Lower Upper
49 100
128 49.6 23.9 71.7
130 64.0 30.7 92.1



#3
Chlorodifluoromethane
Concen: 2.118 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.010 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Tgt Ion: 51 Resp: 334750
Ion Ratio Lower Upper
51 100
67 0.0 13.8 20.6#

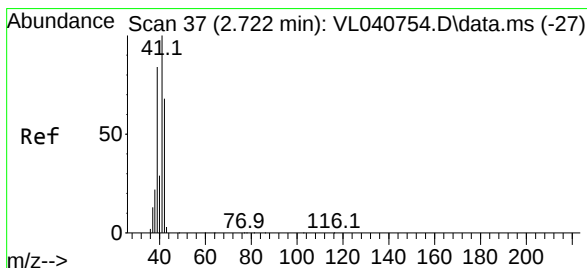
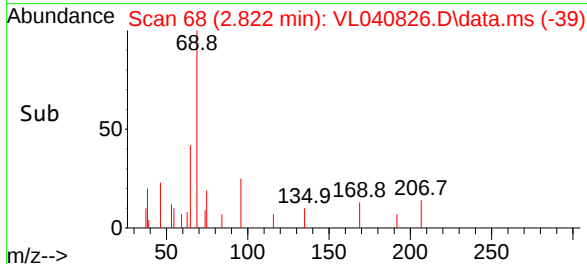
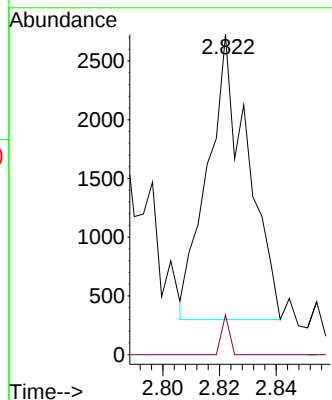
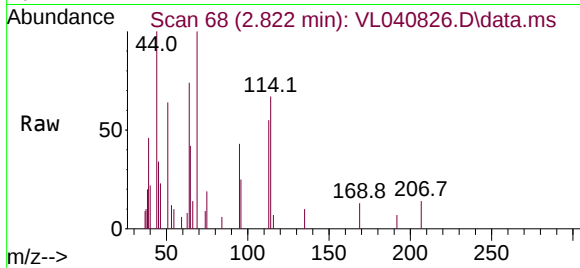




#7
Chloroethane
Concen: 0.113 ppbv
RT: 2.822 min Scan# 61
Delta R.T. -0.408 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

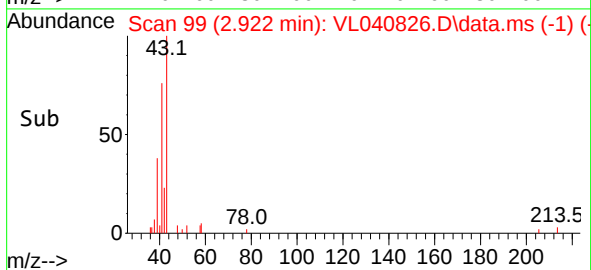
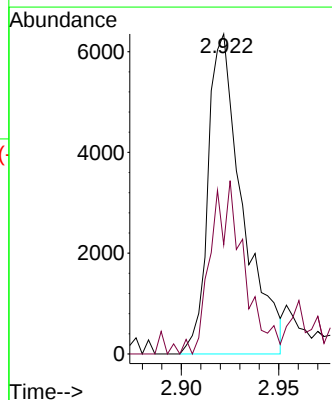
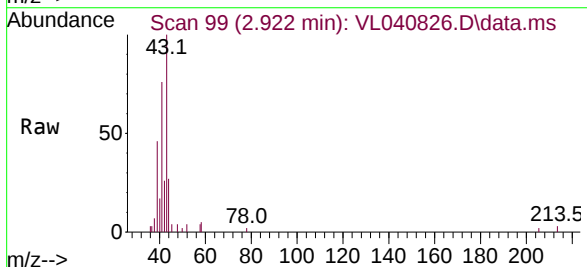
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

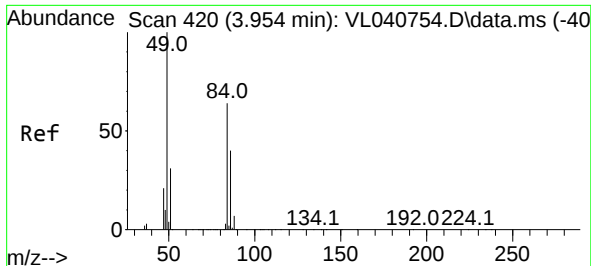
Tgt Ion: 64 Resp: 2367
Ion Ratio Lower Upper
64 100
66 12.4 25.4 38.2#



#9
Propene
Concen: 0.132 ppbv
RT: 2.922 min Scan# 99
Delta R.T. 0.187 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Tgt Ion: 41 Resp: 7775
Ion Ratio Lower Upper
41 100
42 65.3 57.1 85.7



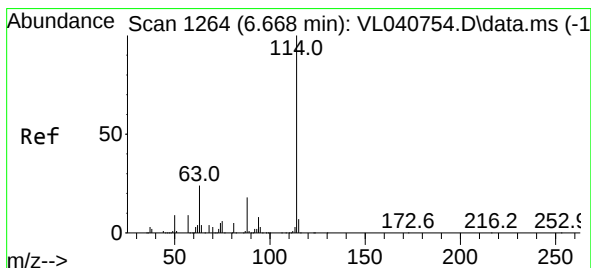
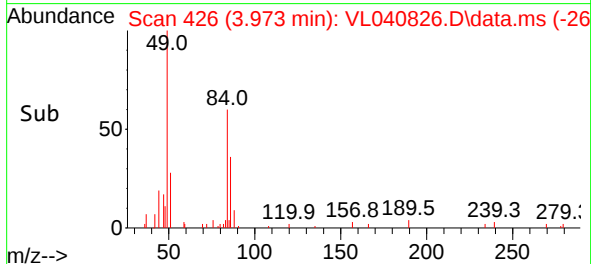
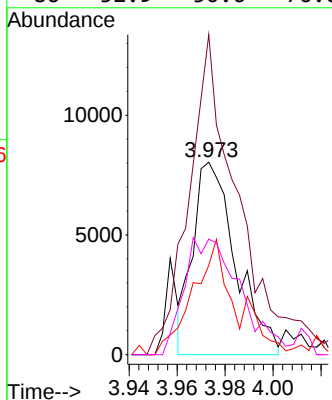
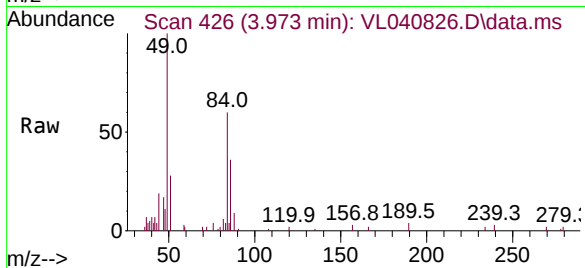


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 3.973 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 10034

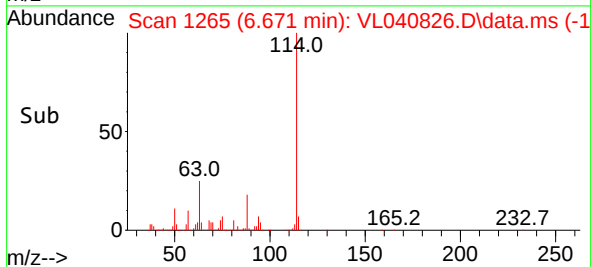
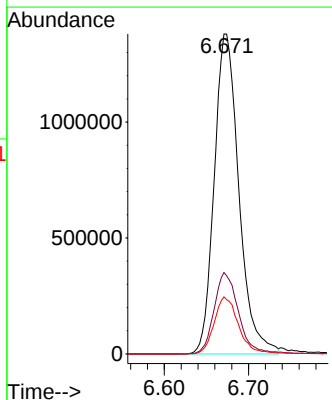
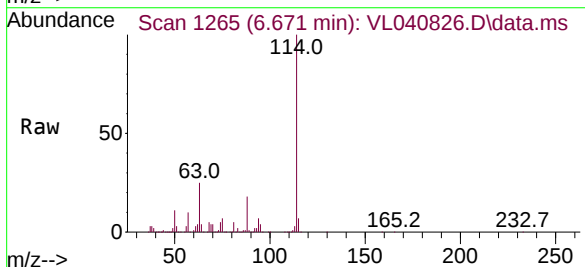
Ion	Ratio	Lower	Upper
84	100		
49	152.6	125.6	188.4
51	41.9	38.9	58.3
86	52.9	50.6	76.0

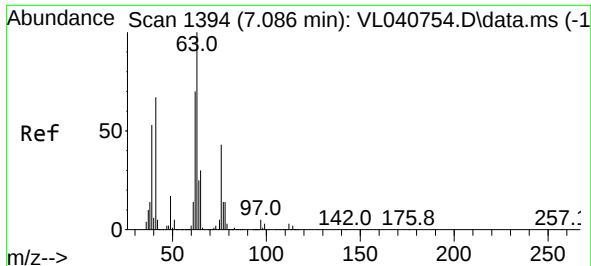


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Tgt Ion: 114 Resp: 2800242

Ion	Ratio	Lower	Upper
114	100		
63	25.5	19.8	29.6
88	17.8	14.2	21.2





#39

1,2-Dichloropropane

Concen: 8.277 ppbv

RT: 6.671 min Scan# 11

Delta R.T. -0.411 min

Lab File: VL040826.D

Acq: 9 Nov 2023 8:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

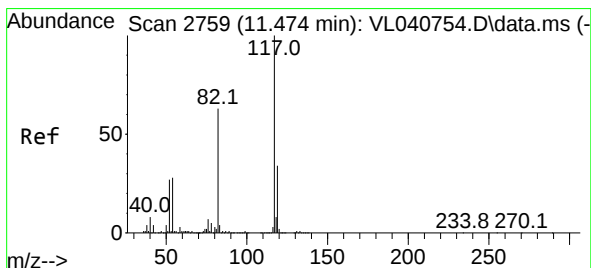
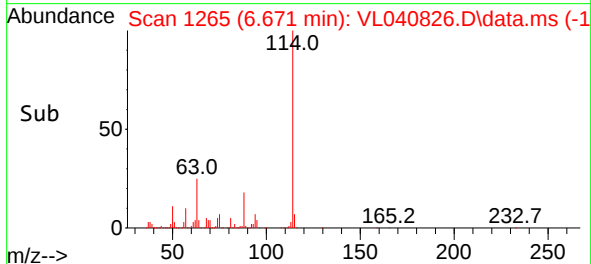
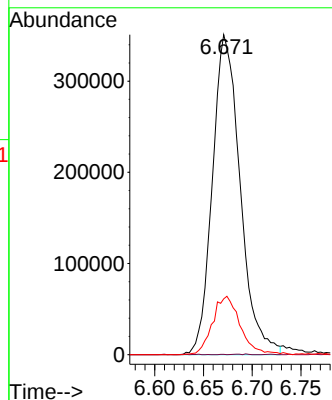
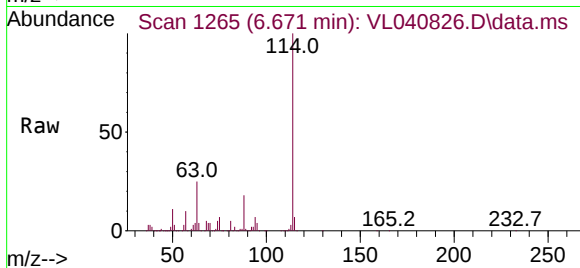
Tgt Ion: 63 Resp: 696504

Ion Ratio Lower Upper

63 100

41 0.1 53.7 80.5#

62 17.4 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2759

Delta R.T. 0.013 min

Lab File: VL040826.D

Acq: 9 Nov 2023 8:03

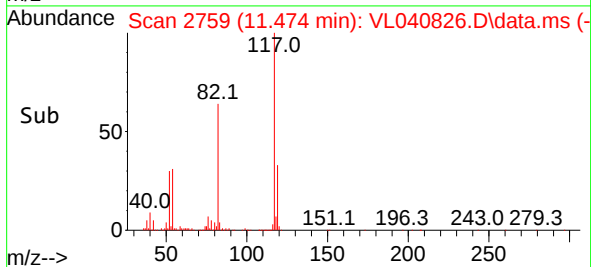
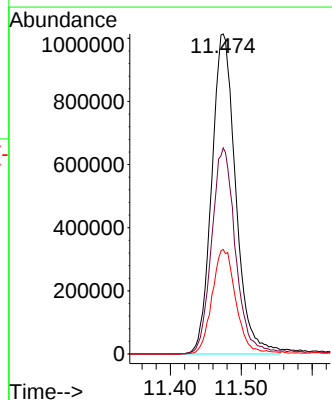
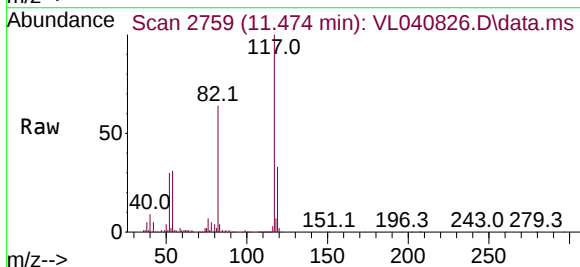
Tgt Ion: 117 Resp: 2382870

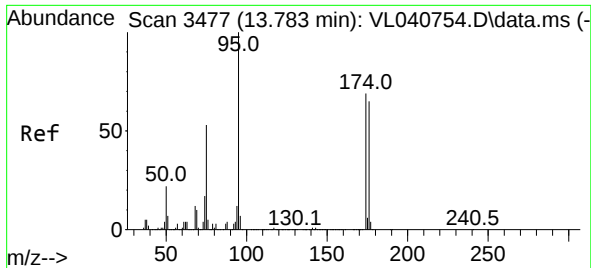
Ion Ratio Lower Upper

117 100

82 65.5 46.6 70.0

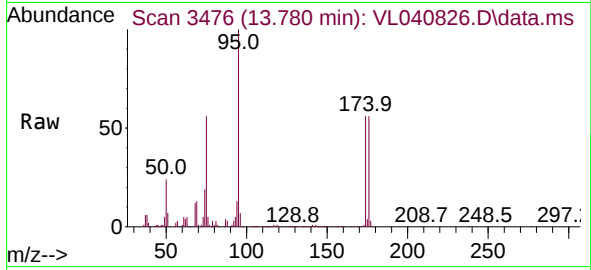
119 32.9 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.980 ppbv
 RT: 13.780 min Scan# 3477
 Delta R.T. 0.010 min
 Lab File: VL040826.D
 Acq: 9 Nov 2023 8:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 1749921

Ion	Ratio	Lower	Upper
95	100		
174	61.4	54.7	82.1
175	4.4	4.2	6.4

