

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040585.D
 Acq On : 4 Aug 2023 9:23
 Operator : SY/MD
 Sample : VL0804ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABL01

Quant Time: Aug 05 01:07:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

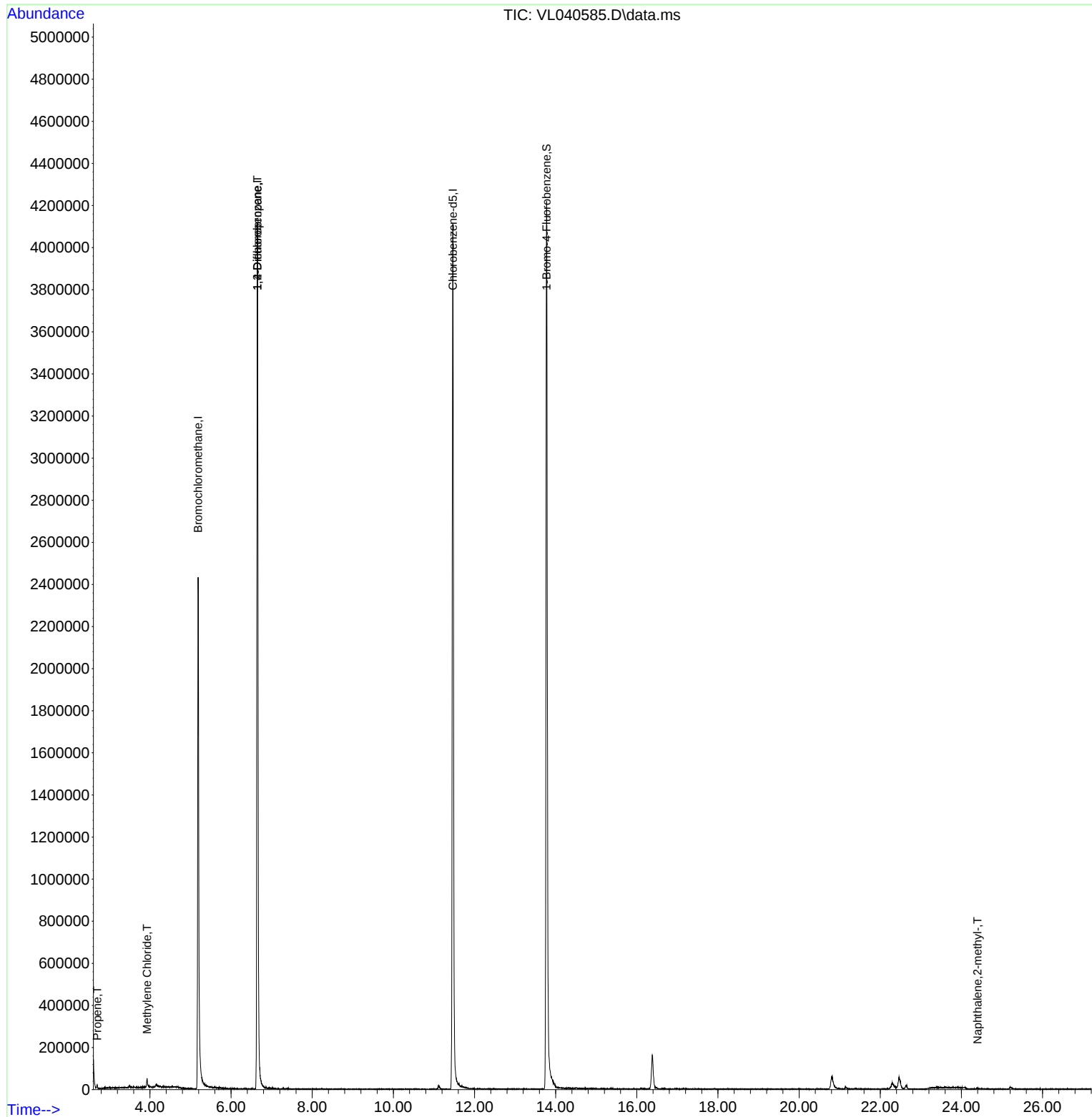
Internal Standards						
1) Bromochloromethane	5.189	49	1203629	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	3026255	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2570544	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2079039	10.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
9) Propene	2.700	41	5221	0.080	ppbv	94
20) Methylene Chloride	3.931	84	12522	0.212	ppbv	91
39) 1,2-Dichloropropane	6.648	63	782185	8.344	ppbv #	26
80) Naphthalene,2-methyl-	24.400	142	3473	0.030	ppbv #	49

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

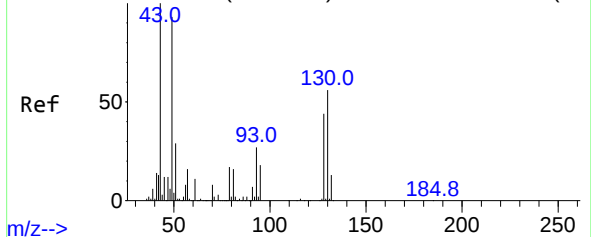
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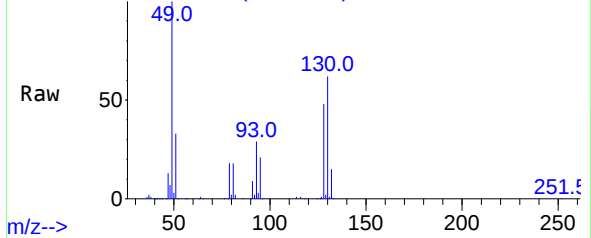
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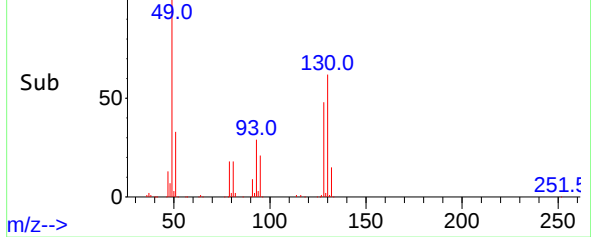
Abundance Scan 804 (5.189 min): VL040455.D\data.ms (-78



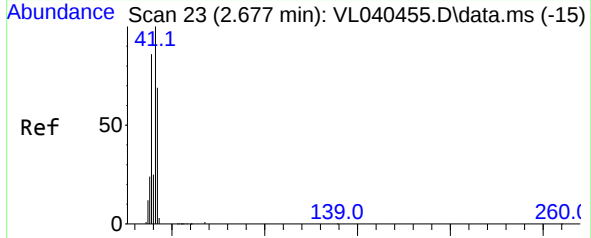
m/z--> Abundance Scan 804 (5.189 min): VL040585.D\data.ms



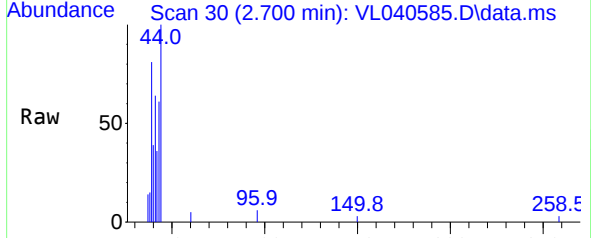
m/z--> Abundance Scan 804 (5.189 min): VL040585.D\data.ms (-65



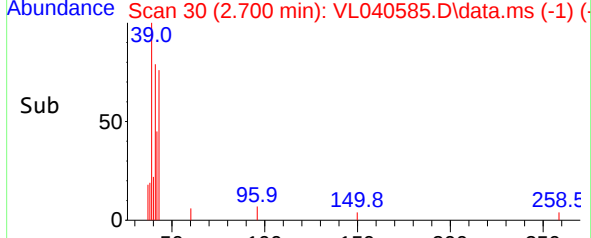
m/z--> Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



m/z--> Abundance Scan 30 (2.700 min): VL040585.D\data.ms



m/z--> Abundance Scan 30 (2.700 min): VL040585.D\data.ms (-1)

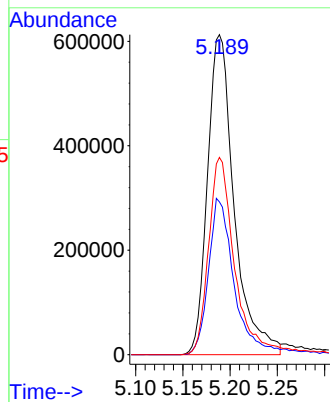


m/z--> Abundance

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

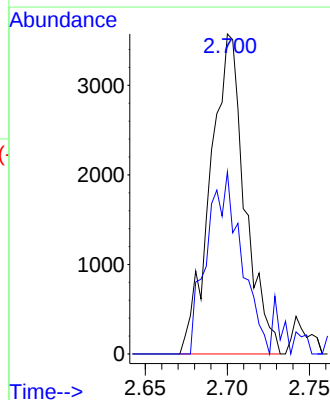
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABL01

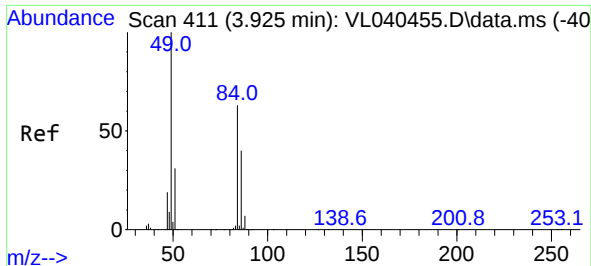
Tgt Ion: 49 Resp: 1203629
Ion Ratio Lower Upper
49 100
128 48.8 25.1 75.4
130 62.5 31.6 94.7



#9
Propene
Concen: 0.080 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Tgt Ion: 41 Resp: 5221
Ion Ratio Lower Upper
41 100
42 64.3 55.0 82.6



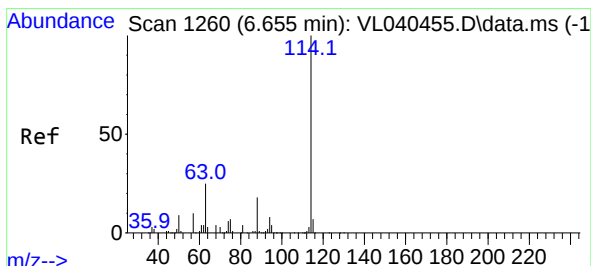
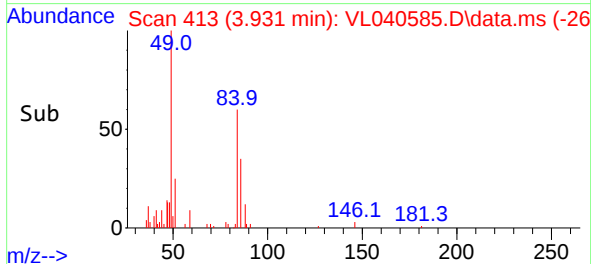
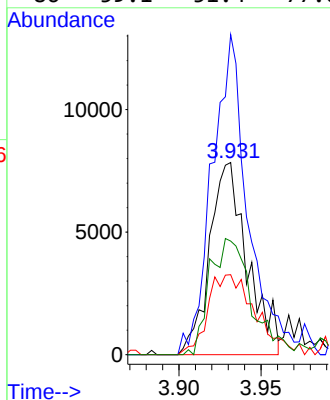
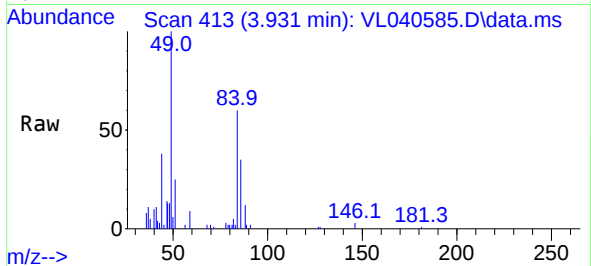


#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 3.931 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABL01

Tgt Ion: 84 Resp: 12522

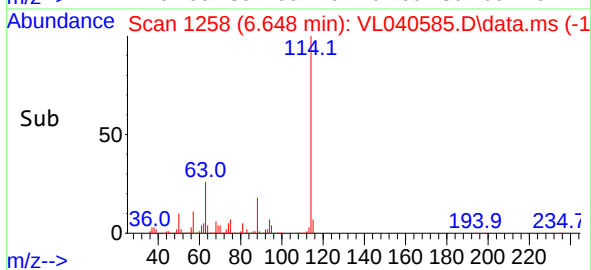
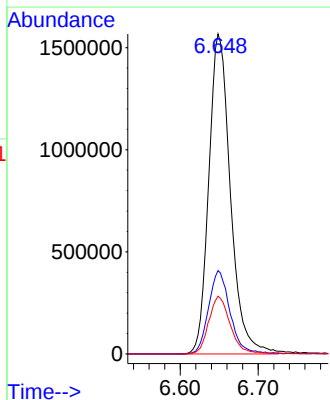
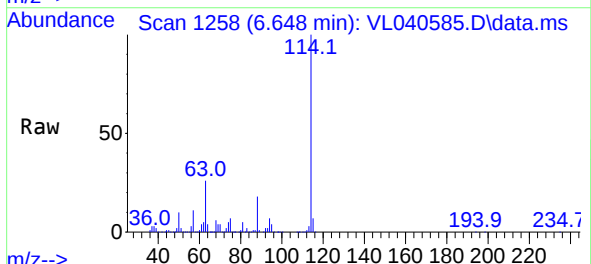
Ion	Ratio	Lower	Upper
84	100		
49	166.6	123.4	185.2
51	41.6	38.3	57.5
86	59.1	51.4	77.0

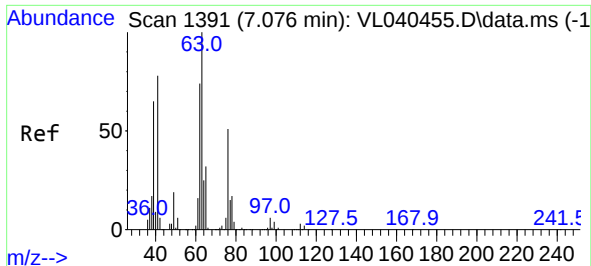


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.016 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Tgt Ion: 114 Resp: 3026255

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.6	29.4
88	18.0	14.2	21.2





#39

1,2-Dichloropropane

Concen: 8.344 ppbv

RT: 6.648 min Scan# 1

Delta R.T. -0.434 min

Lab File: VL040585.D

Acq: 4 Aug 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABL01

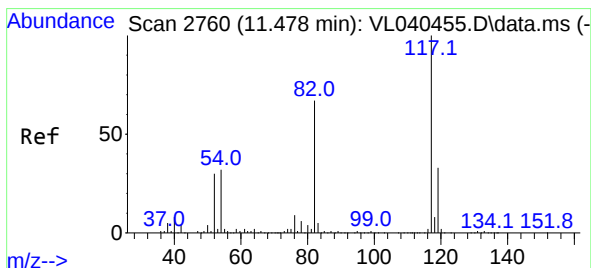
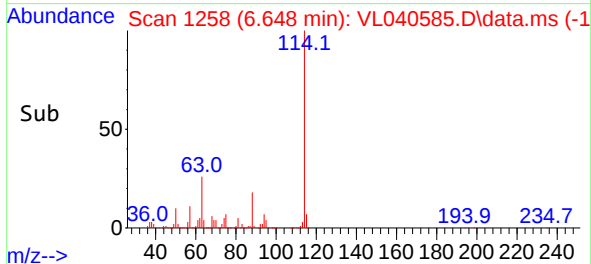
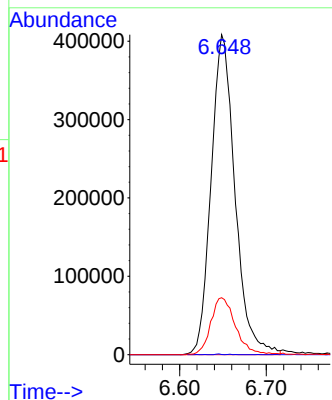
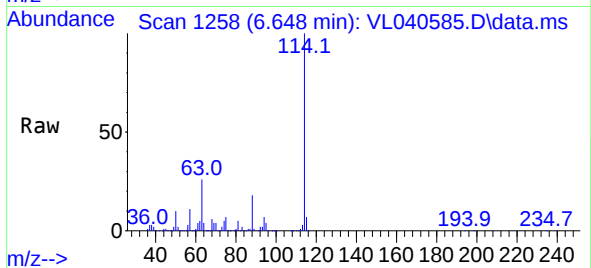
Tgt Ion: 63 Resp: 782185

Ion Ratio Lower Upper

63 100

41 0.1 54.3 81.5#

62 17.8 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. -0.010 min

Lab File: VL040585.D

Acq: 4 Aug 2023 9:23

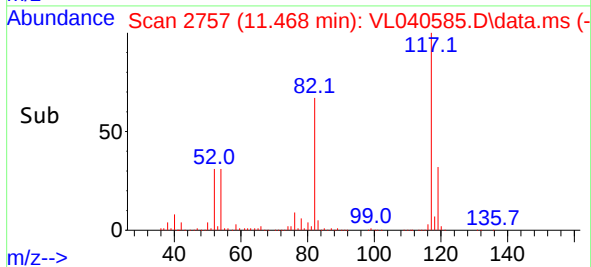
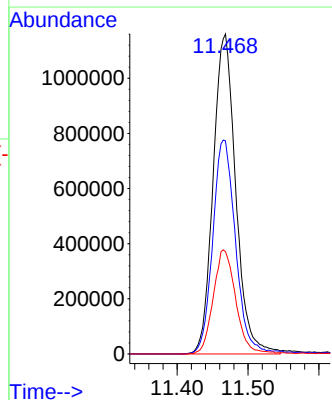
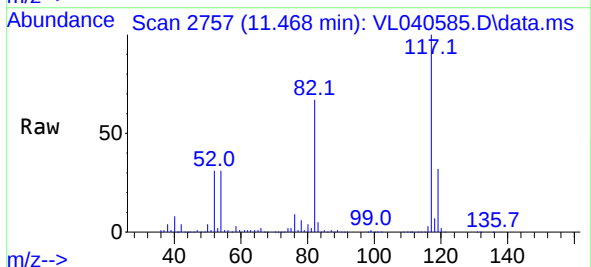
Tgt Ion: 117 Resp: 2570544

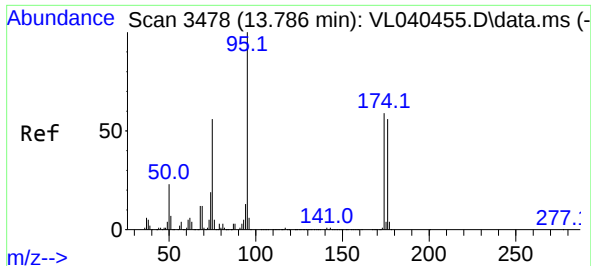
Ion Ratio Lower Upper

117 100

82 68.1 50.2 75.4

119 32.6 26.9 40.3

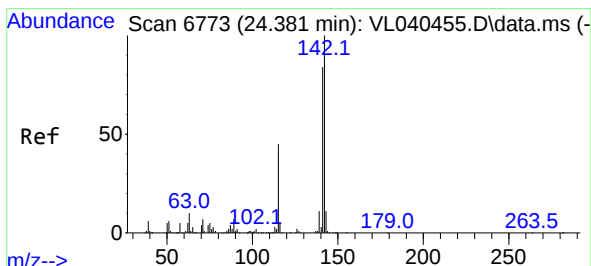
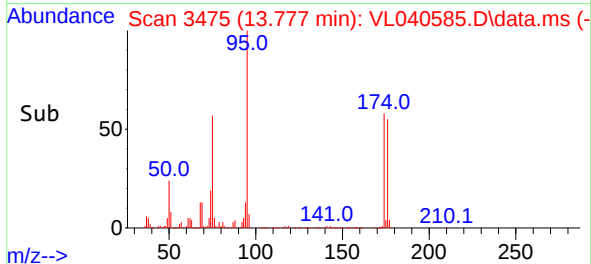
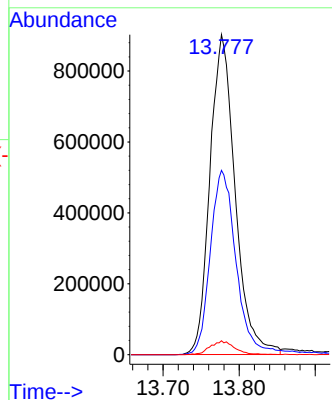
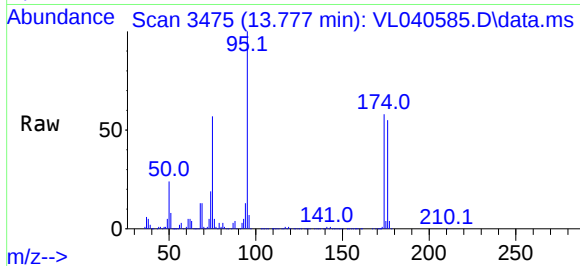




#68
1-Bromo-4-Fluorobenzene
Concen: 10.219 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.006 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABL01

Tgt Ion: 95 Resp: 2079039
Ion Ratio Lower Upper
95 100
174 60.4 50.6 75.8
175 4.3 3.7 5.5



#80
Naphthalene,2-methyl-
Concen: 0.030 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.023 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Tgt Ion:142 Resp: 3473
Ion Ratio Lower Upper
142 100
141 25.9 66.7 100.1#
115 25.9 33.0 49.6#

