

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040416.D
 Acq On : 12 May 2023 10:19
 Operator : SY/MD
 Sample : QC050423 CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC050423 CAN 10283

Quant Time: May 12 15:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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)

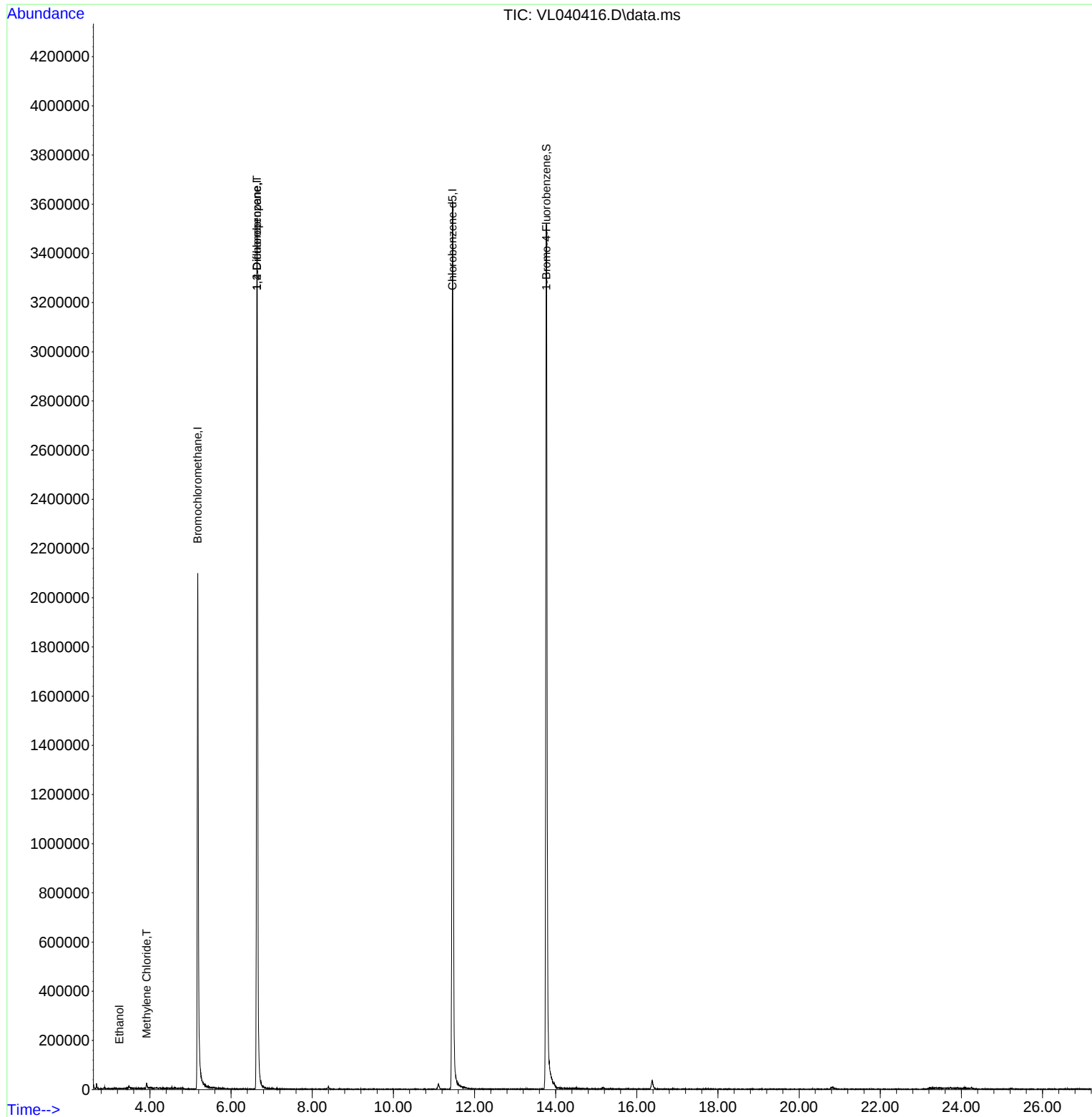
Internal Standards						
1) Bromochloromethane	5.176	49	1023674	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2620616	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2234768	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1771493	9.586	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.247	45	206	0.047	ppbv #	37
20) Methylene Chloride	3.919	84	4021	0.069	ppbv #	58
39) 1,2-Dichloropropane	6.639	63	669331	7.956	ppbv #	24

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

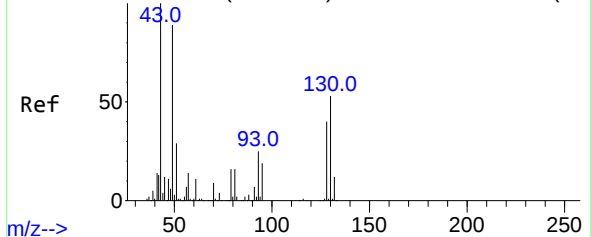
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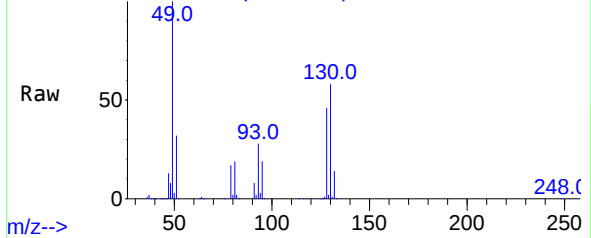
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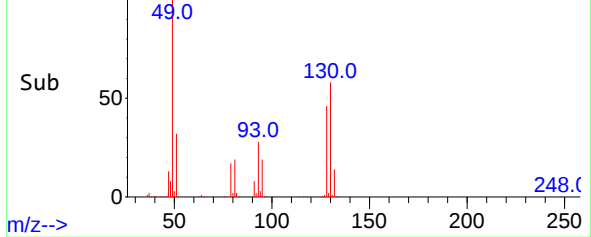
Abundance Scan 804 (5.189 min): VL040354.D\data.ms (-78



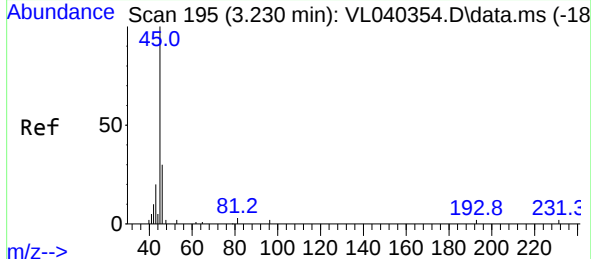
m/z--> Scan 800 (5.176 min): VL040416.D\data.ms



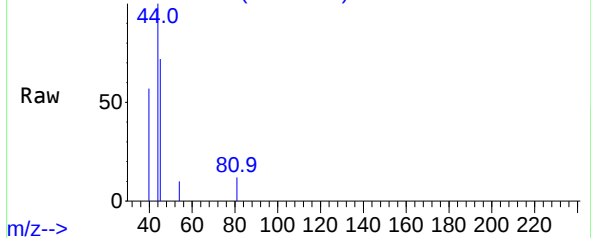
Abundance Scan 800 (5.176 min): VL040416.D\data.ms (-64



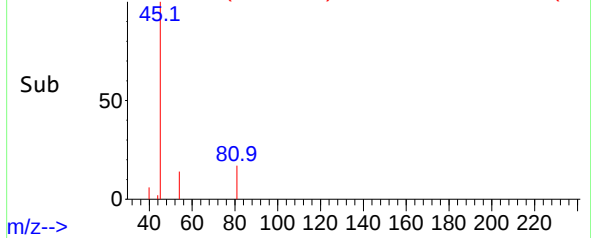
m/z--> Scan 195 (3.230 min): VL040354.D\data.ms (-18



Abundance Scan 200 (3.247 min): VL040416.D\data.ms



Abundance Scan 200 (3.247 min): VL040416.D\data.ms (-39



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.176 min Scan# 80

Delta R.T. -0.013 min

Lab File: VL040416.D

Acq: 12 May 2023 10:19

Instrument :

MSVOA_L

ClientSampleId :

QC050423 CAN 10283

Tgt Ion: 49 Resp: 1023674

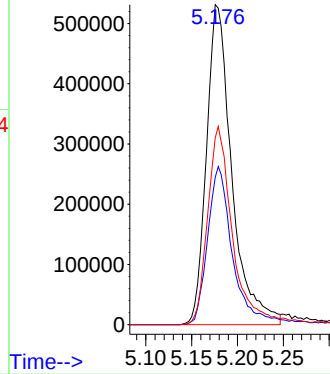
Ion Ratio Lower Upper

49 100

128 49.3 23.7 71.1

130 62.8 29.9 89.8

Abundance



#13

Ethanol

Concen: 0.047 ppbv

RT: 3.247 min Scan# 200

Delta R.T. 0.017 min

Lab File: VL040416.D

Acq: 12 May 2023 10:19

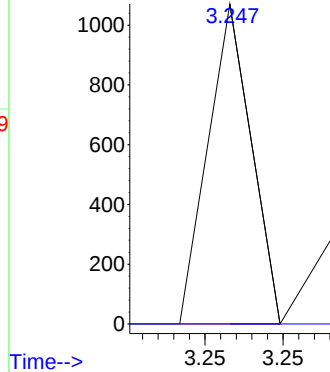
Tgt Ion: 45 Resp: 206

Ion Ratio Lower Upper

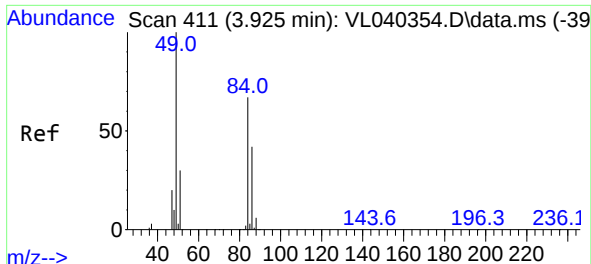
45 100

46 0.0 15.3 61.3#

Abundance



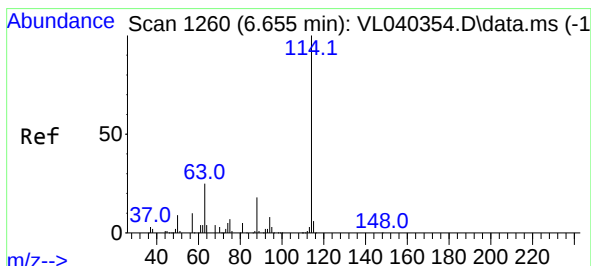
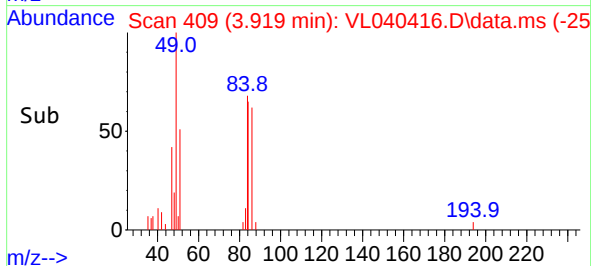
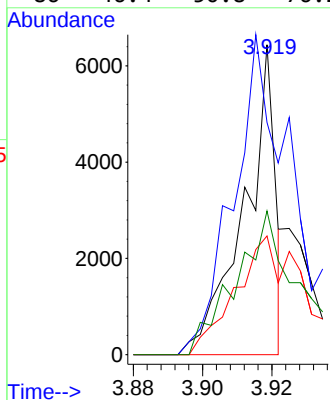
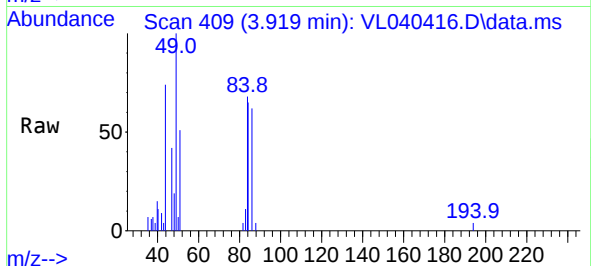
Time-->



#20
Methylene Chloride
Concen: 0.069 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040416.D
Acq: 12 May 2023 10:19

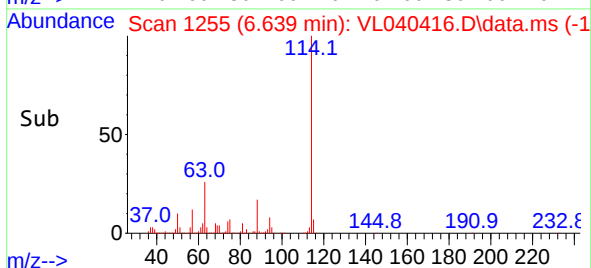
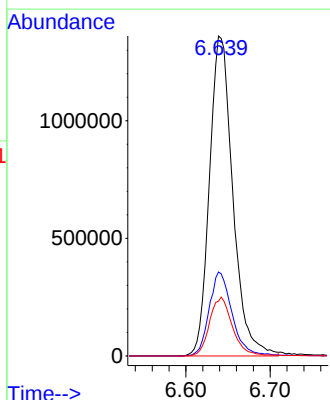
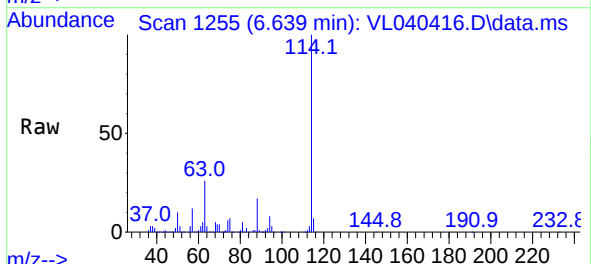
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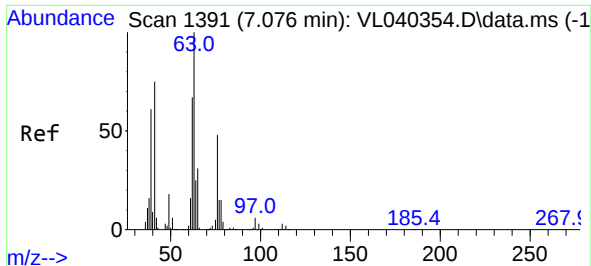
Tgt Ion: 84 Resp: 4021
Ion Ratio Lower Upper
84 100
49 75.0 120.1 180.1#
51 38.3 36.3 54.5
86 46.4 50.8 76.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VL040416.D
Acq: 12 May 2023 10:19

Tgt Ion: 114 Resp: 2620616
Ion Ratio Lower Upper
114 100
63 26.0 21.4 32.0
88 18.2 14.6 22.0





#39

1,2-Dichloropropane

Concen: 7.956 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL040416.D

Acq: 12 May 2023 10:19

Instrument :

MSVOA_L

ClientSampleId :

QC050423 CAN 10283

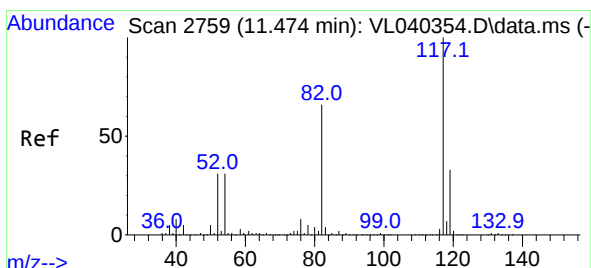
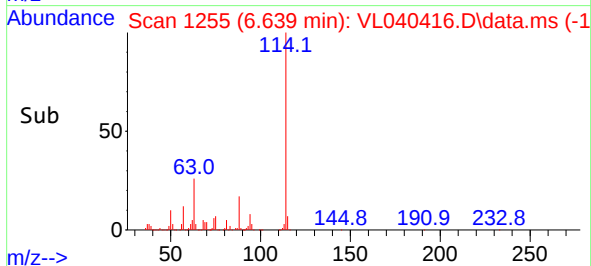
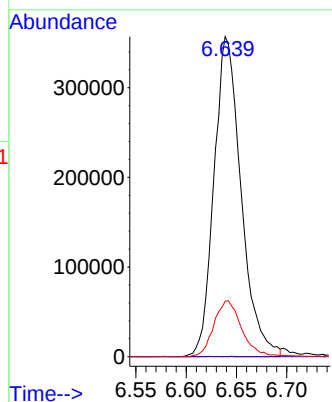
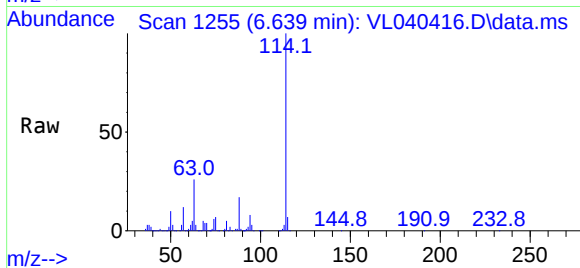
Tgt Ion: 63 Resp: 669331

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 17.3 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.016 min

Lab File: VL040416.D

Acq: 12 May 2023 10:19

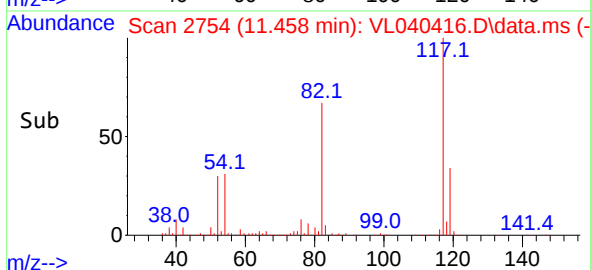
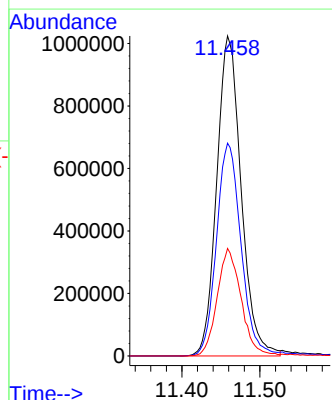
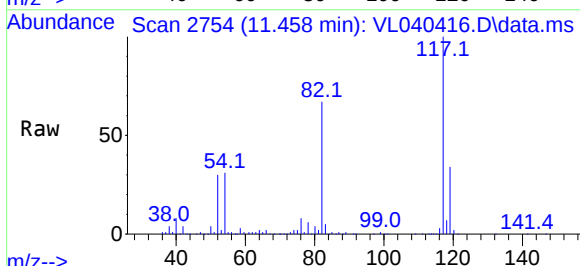
Tgt Ion: 117 Resp: 2234768

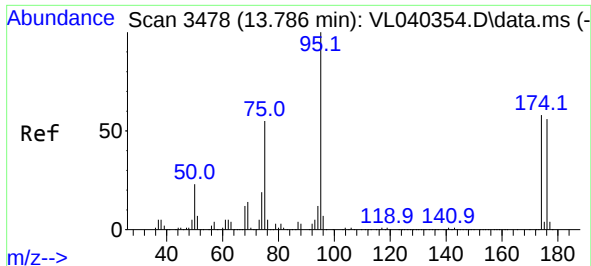
Ion Ratio Lower Upper

117 100

82 68.3 52.5 78.7

119 33.5 24.3 36.5





#68

1-Bromo-4-Fluorobenzene

Concen: 9.586 ppbv

RT: 13.770 min Scan# 34

Delta R.T. -0.016 min

Lab File: VL040416.D

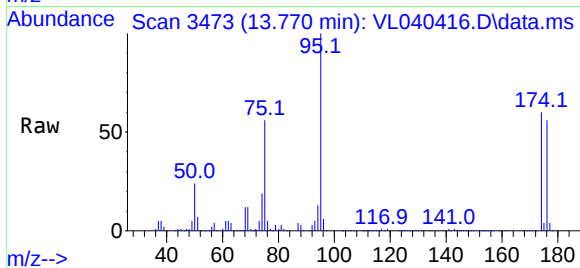
Acq: 12 May 2023 10:19

Instrument :

MSVOA_L

ClientSampleId :

QC050423 CAN 10283



Tgt Ion: 95 Resp: 1771493

Ion Ratio Lower Upper

95 100

174 61.3 47.2 70.8

175 4.2 3.5 5.3

