

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040266.D
 Acq On : 13 Mar 2023 15:33
 Operator : SY/MD
 Sample : VL0313ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABL01

Quant Time: Mar 14 04:53:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 14 04:52:39 2023
 Response via : Initial Calibration

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

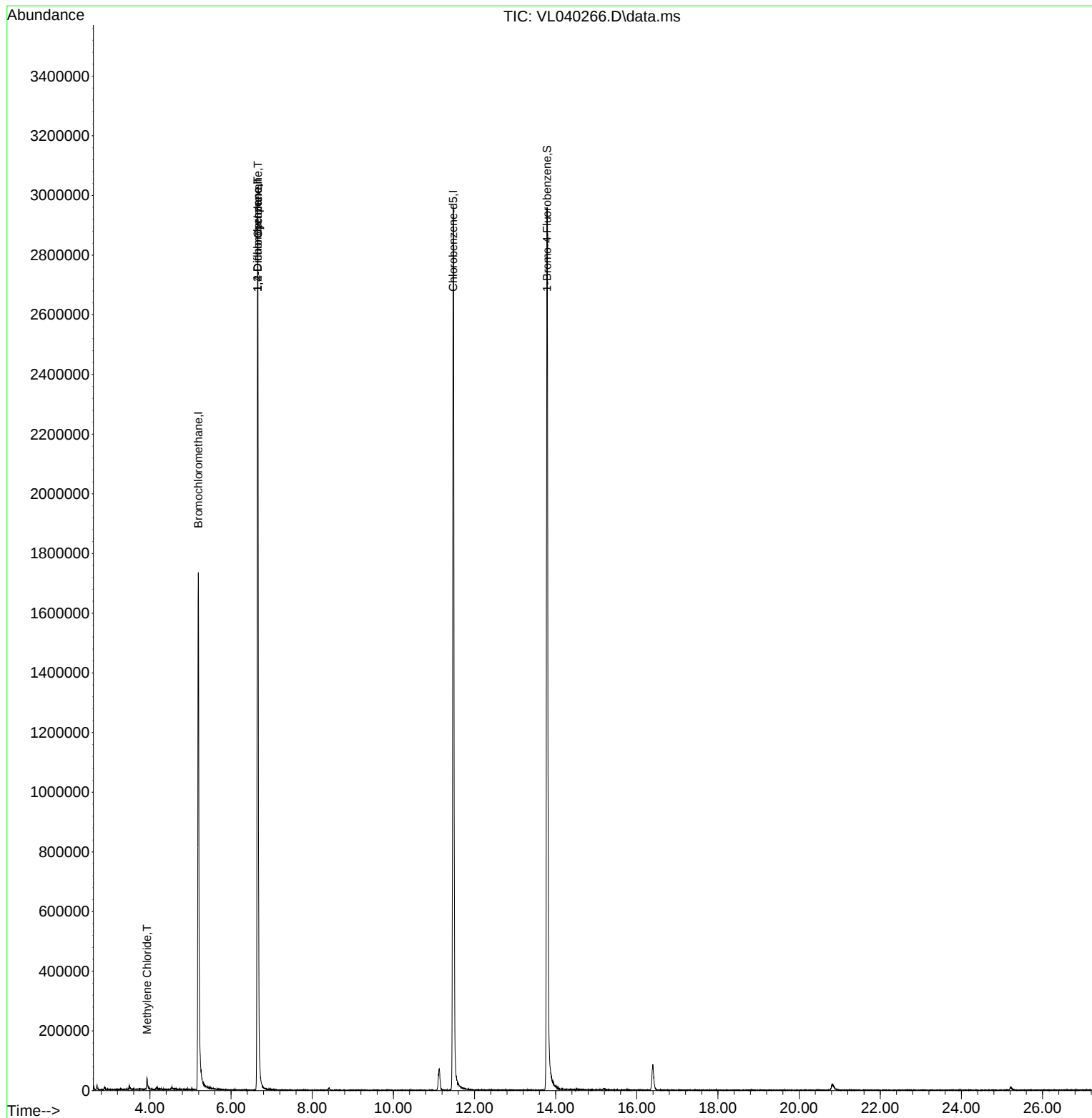
Internal Standards						
1) Bromochloromethane	5.192	49	867424	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2141751	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	1856829	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1482143	9.707	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.931	84	11685	0.215	ppbv	83
30) Cyclohexane	6.661	84	2412	0.037	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	558228	8.610	ppbv #	26

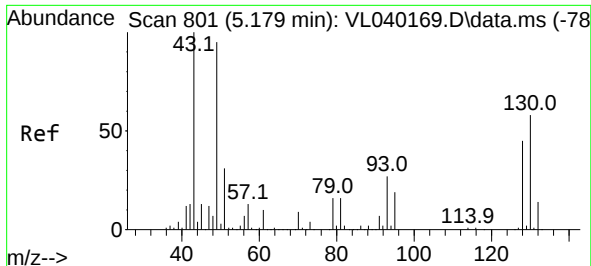
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
Data File : VL040266.D
Acq On : 13 Mar 2023 15:33
Operator : SY/MD
Sample : VL0313ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABL01

Quant Time: Mar 14 04:53:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Mar 14 04:52:39 2023
Response via : Initial Calibration

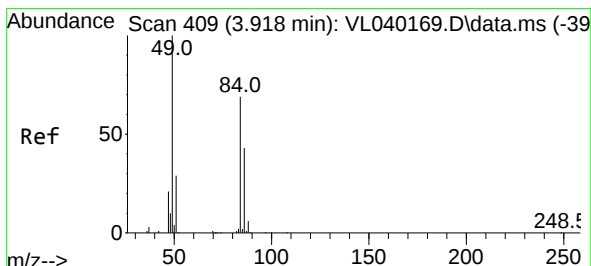
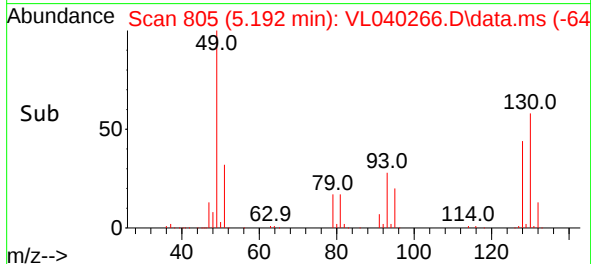
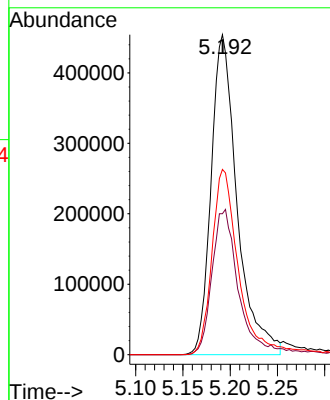
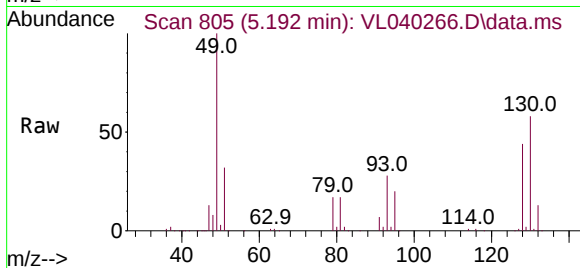




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

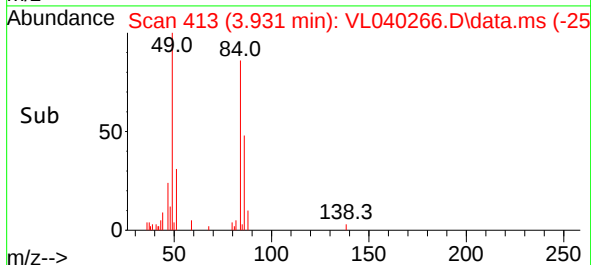
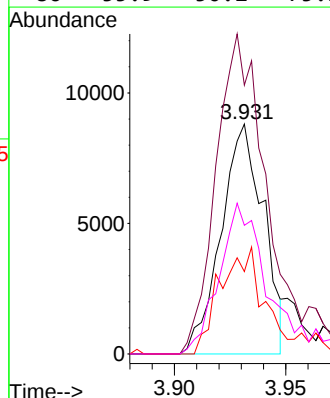
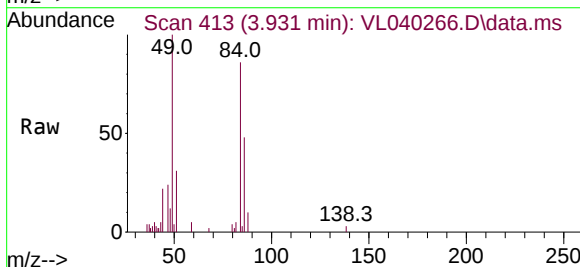
Instrument :
MSVOA_1
ClientSampleId :
VL0313ABL01

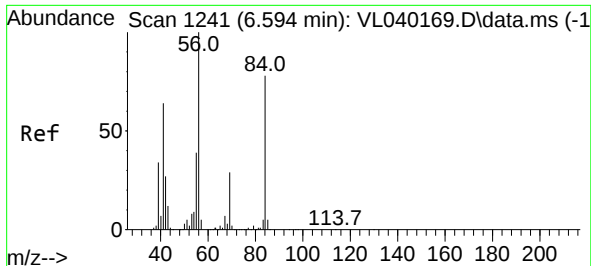
Tgt Ion: 49 Resp: 867424
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.2 30.9 92.8



#20
Methylene Chloride
Concen: 0.215 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

Tgt Ion: 84 Resp: 11685
Ion Ratio Lower Upper
84 100
49 116.9 115.5 173.3
51 35.8 33.1 49.7
86 55.9 50.2 75.2

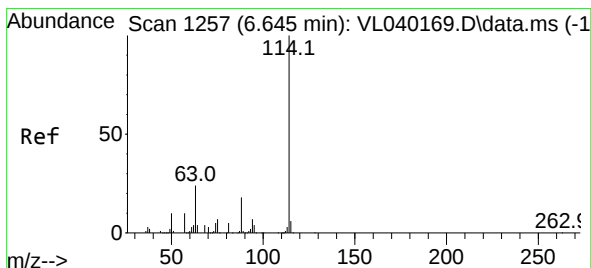
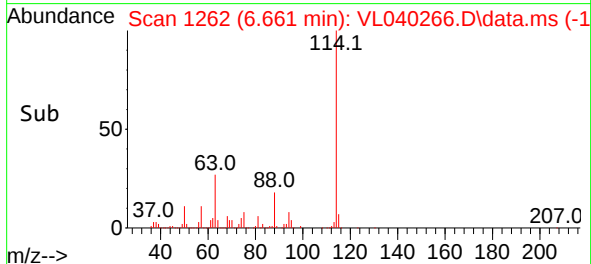
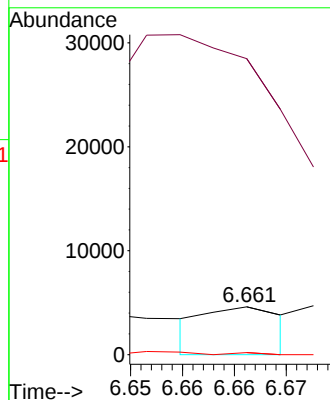
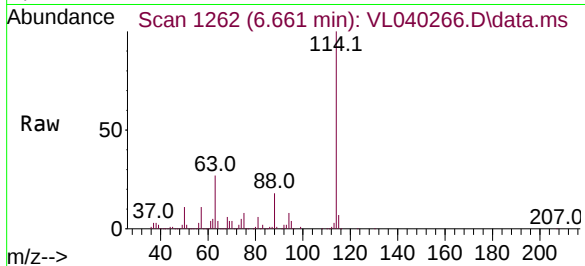




#30
Cyclohexane
Concen: 0.037 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.058 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

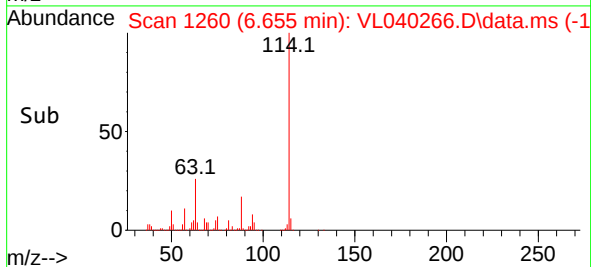
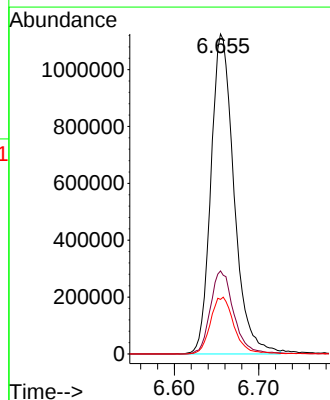
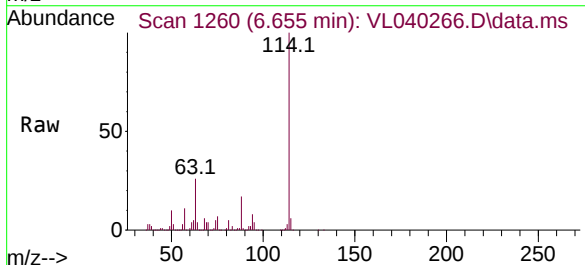
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABL01

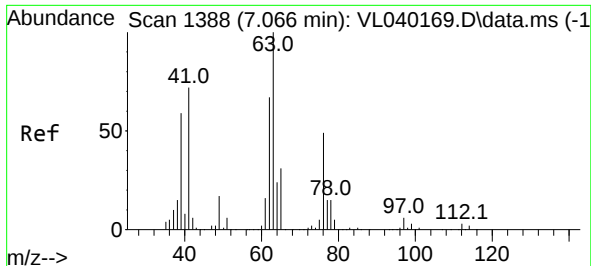
Tgt Ion: 84 Resp: 2412
Ion Ratio Lower Upper
84 100
56 2500.0 109.9 164.9#
41 0.0 67.8 101.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL040266.D
Acq: 13 Mar 2023 15:33

Tgt Ion: 114 Resp: 2141751
Ion Ratio Lower Upper
114 100
63 26.6 20.4 30.6
88 18.3 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.610 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL040266.D

Acq: 13 Mar 2023 15:33

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABL01

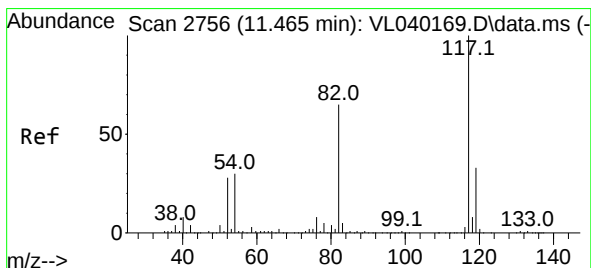
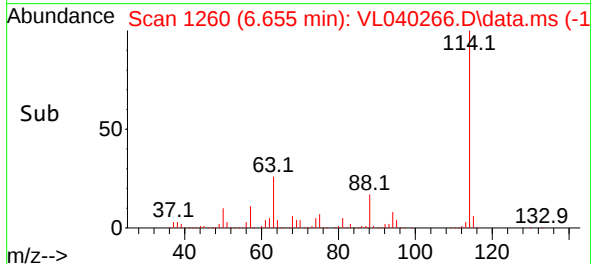
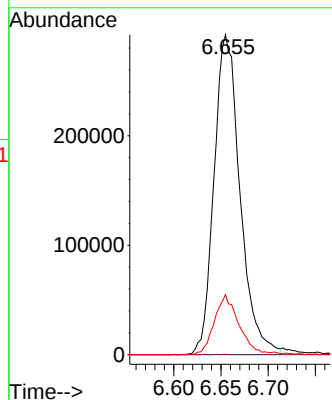
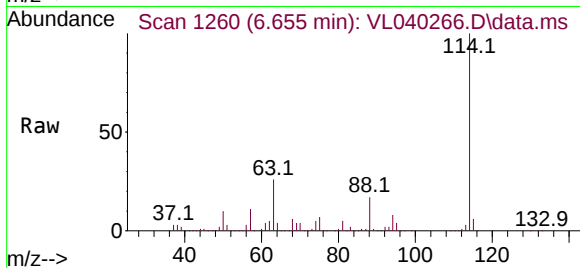
Tgt Ion: 63 Resp: 558228

Ion Ratio Lower Upper

63 100

41 0.1 57.6 86.4#

62 18.8 54.0 81.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2759

Delta R.T. 0.000 min

Lab File: VL040266.D

Acq: 13 Mar 2023 15:33

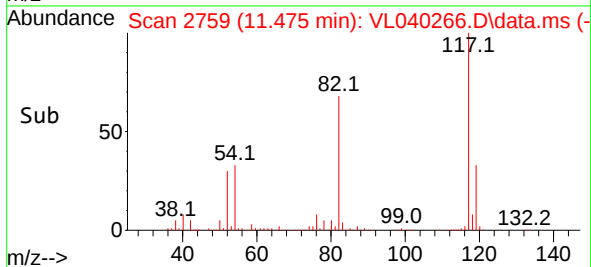
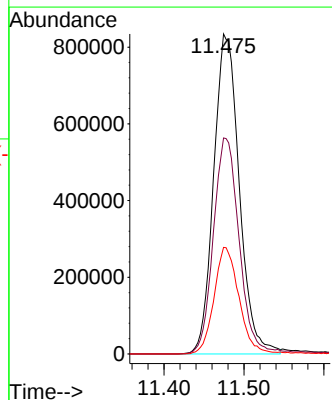
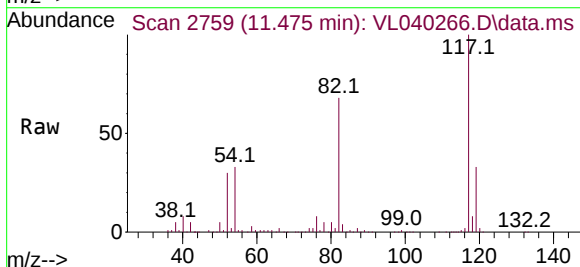
Tgt Ion: 117 Resp: 1856829

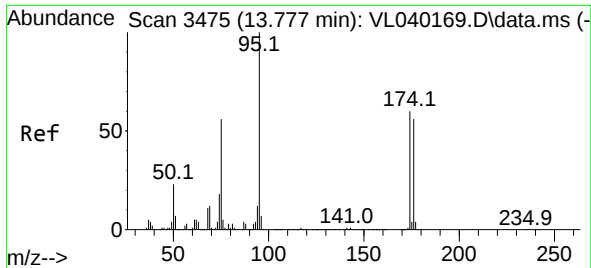
Ion Ratio Lower Upper

117 100

82 69.2 53.3 79.9

119 32.9 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.707 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040266.D
 Acq: 13 Mar 2023 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABL01

Tgt Ion: 95 Resp: 1482143

Ion	Ratio	Lower	Upper
95	100		
174	57.5	48.2	72.2
175	4.0	3.4	5.2

