

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040959.D
 Acq On : 22 Dec 2023 13:58
 Operator : SY/MD
 Sample : QC113023 CAN 10198
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 23 01:21:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

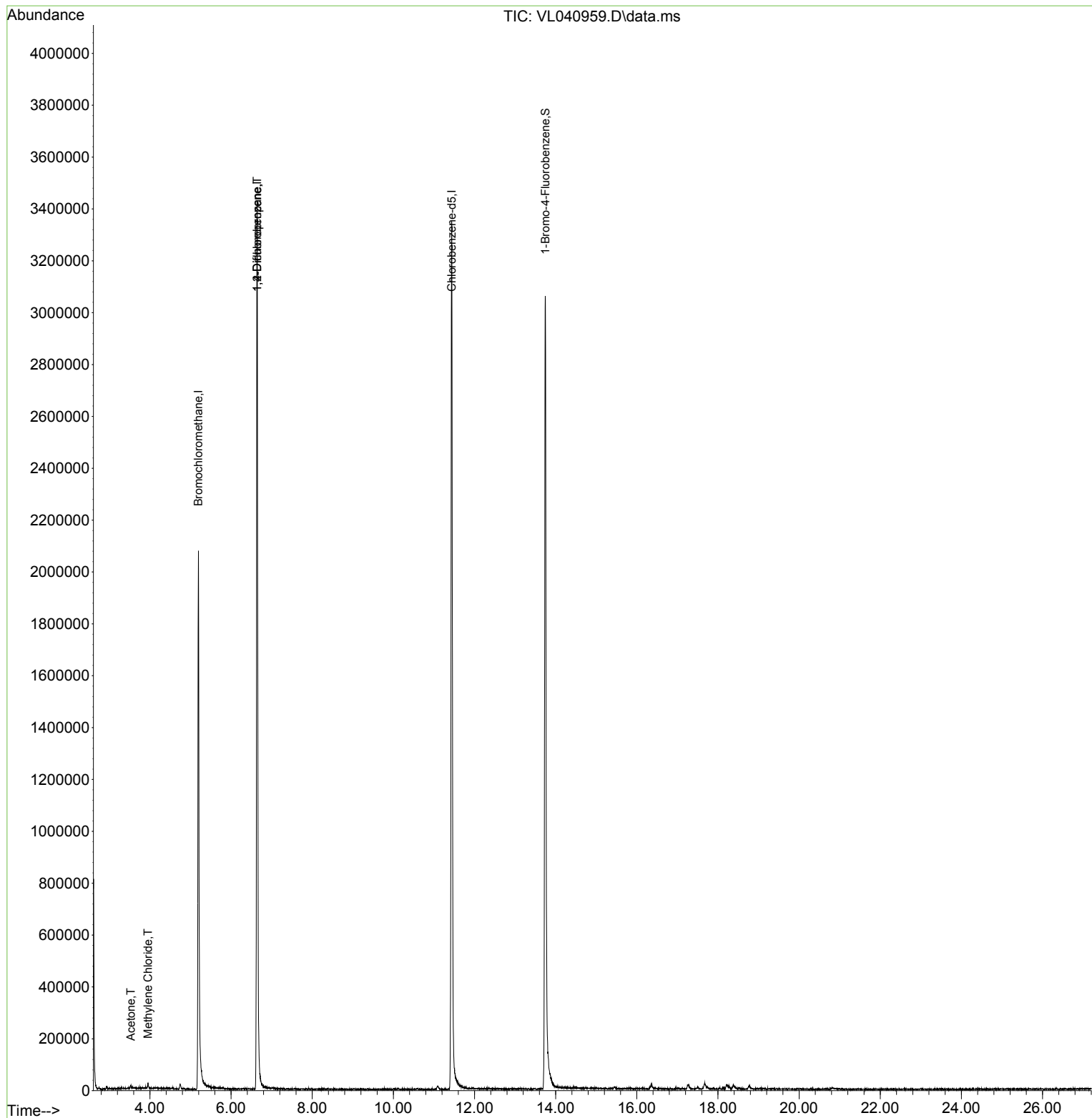
Internal Standards						
1) Bromochloromethane	5.195	49	1069195	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2575609	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2185213	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1606142	9.979	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
15) Acetone	3.526	43	7989	0.062	ppbv #	49
20) Methylene Chloride	3.951	84	3327	0.073	ppbv #	83
39) 1,2-Dichloropropane	6.642	63	656268	8.294	ppbv #	24

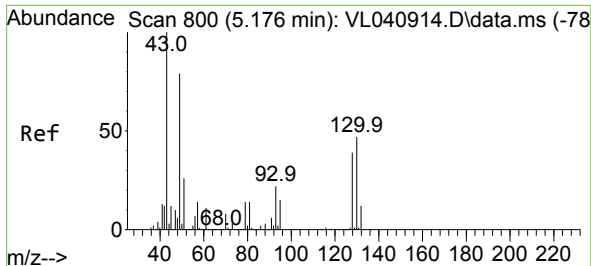
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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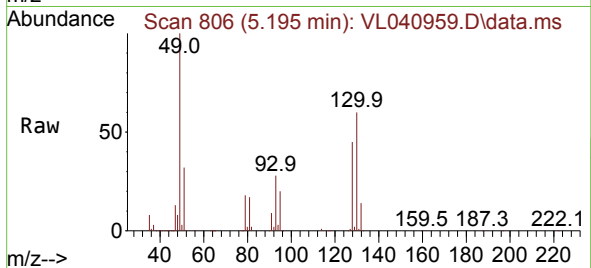
Quant Time: Dec 23 01:21:31 2023
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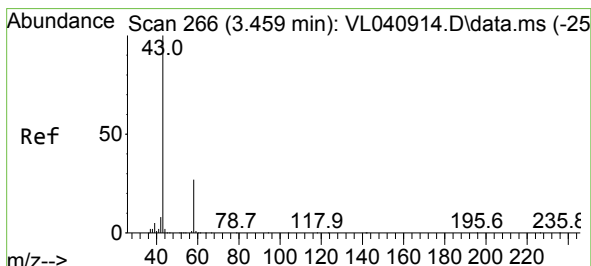
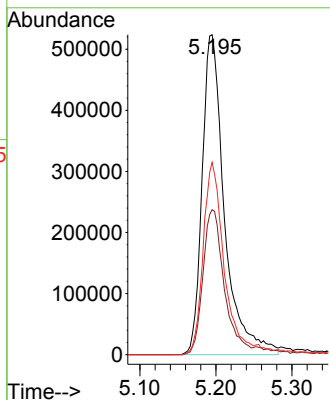
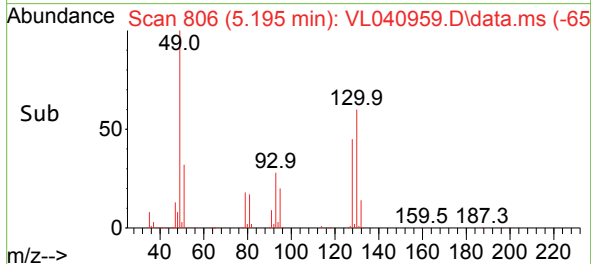


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040959.D
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MSVOA_L
ClientSampleId :

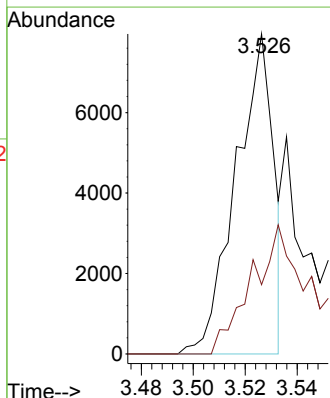
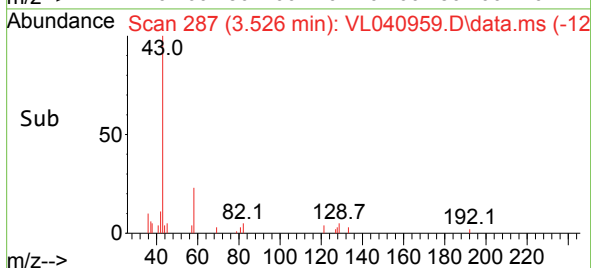
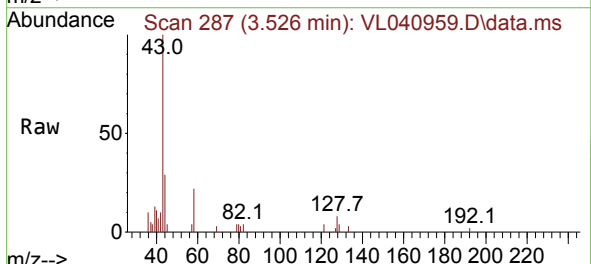


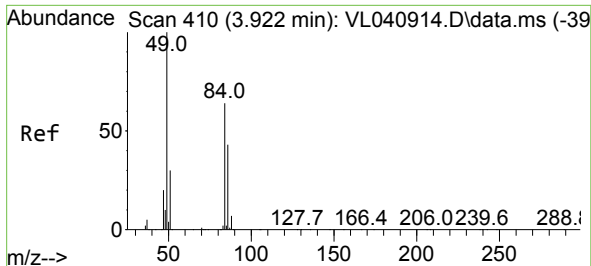
Tgt Ion: 49 Resp: 1069195
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.2
130 59.4 30.1 90.5



#15
Acetone
Concen: 0.062 ppbv
RT: 3.526 min Scan# 287
Delta R.T. 0.032 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

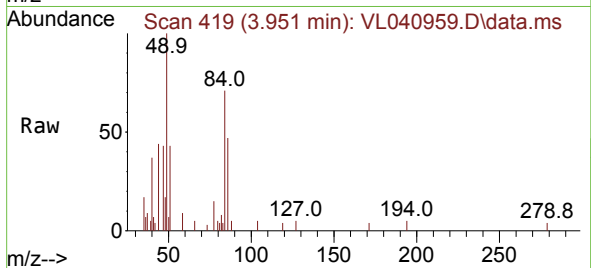
Tgt Ion: 43 Resp: 7989
Ion Ratio Lower Upper
43 100
58 0.0 20.6 30.8#





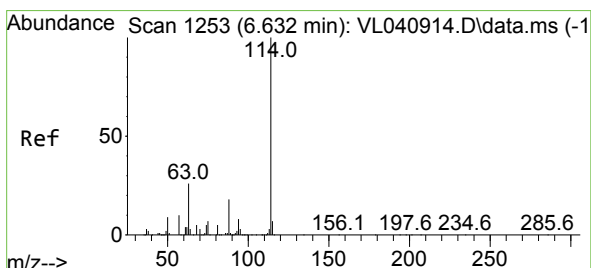
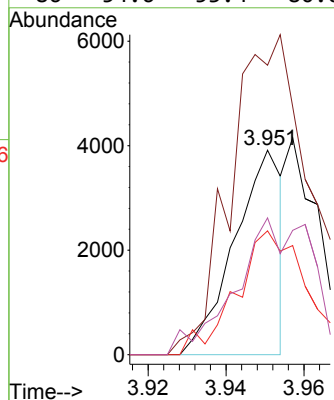
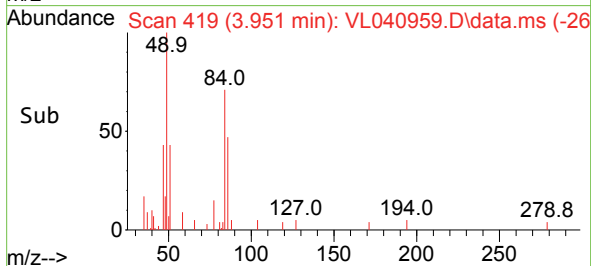
#20
Methylene Chloride
Concen: 0.073 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 3327

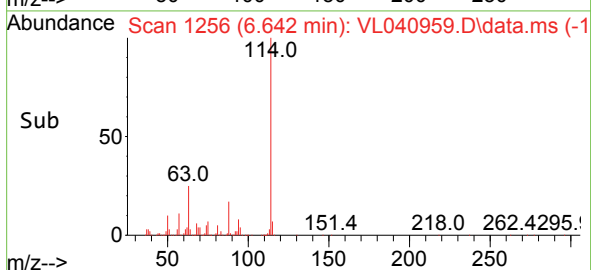
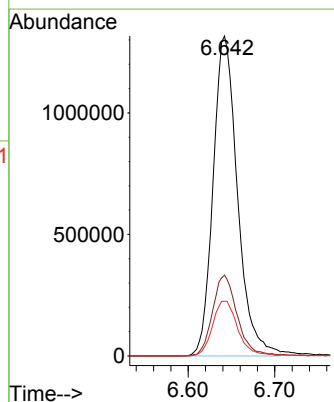
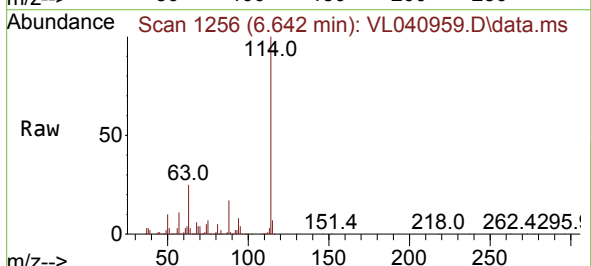
Ion	Ratio	Lower	Upper
84	100		
49	134.4	124.6	187.0
51	60.6	37.2	55.8#
86	54.6	53.4	80.0

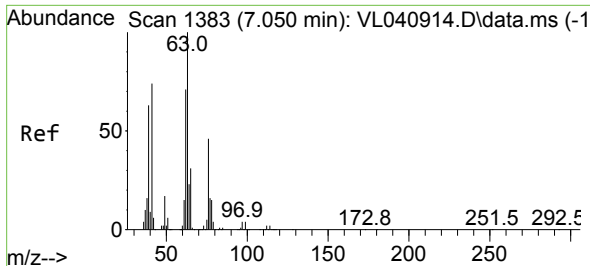


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.000 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Tgt Ion: 114 Resp: 2575609

Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.0	31.6
88	18.1	14.3	21.5





#39

1,2-Dichloropropane

Concen: 8.294 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.418 min

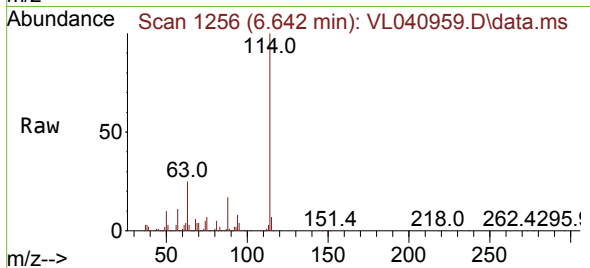
Lab File: VL040959.D

Acq: 22 Dec 2023 13:58

Instrument :

MSVOA_L

ClientSampleId :



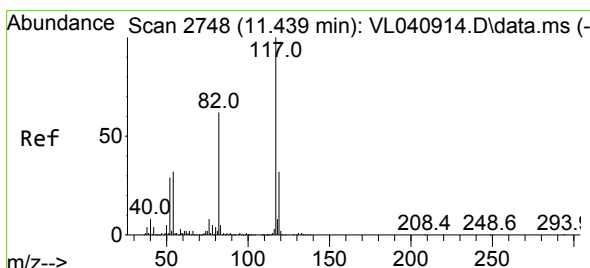
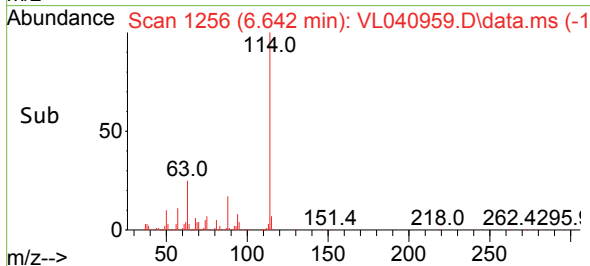
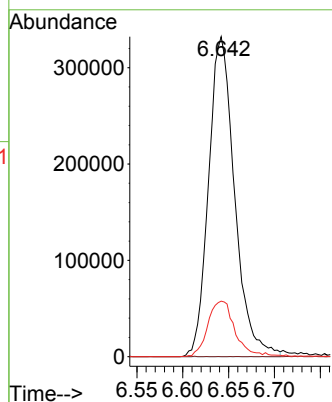
Tgt Ion: 63 Resp: 656268

Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 17.3 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.439 min Scan# 2748

Delta R.T. 0.003 min

Lab File: VL040959.D

Acq: 22 Dec 2023 13:58

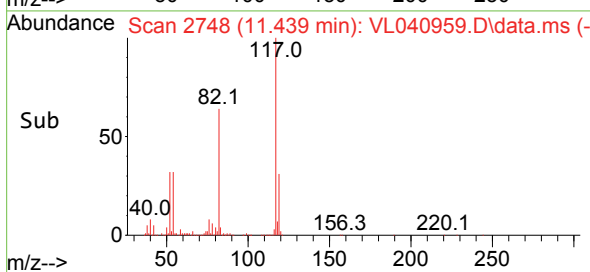
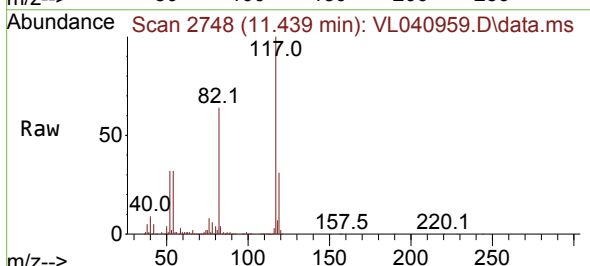
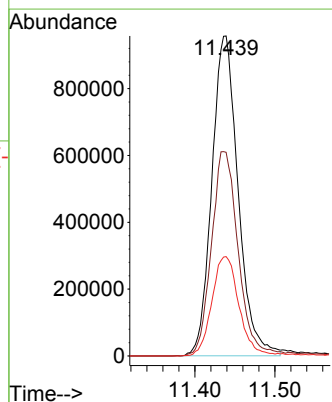
Tgt Ion: 117 Resp: 2185213

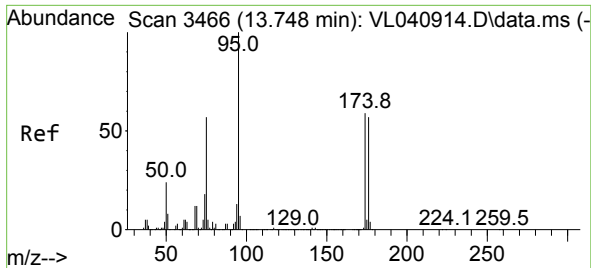
Ion Ratio Lower Upper

117 100

82 66.0 49.6 74.4

119 33.1 23.4 35.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.979 ppbv

RT: 13.748 min Scan# 34

Delta R.T. 0.010 min

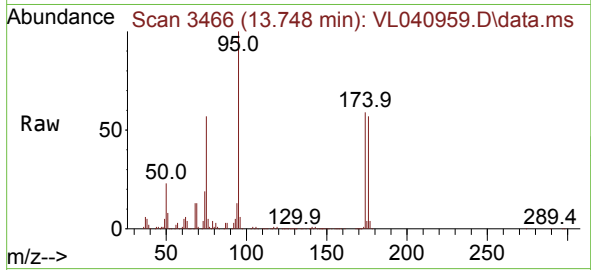
Lab File: VL040959.D

Acq: 22 Dec 2023 13:58

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1606142

Ion Ratio Lower Upper

95 100

174 59.9 48.0 72.0

175 4.5 3.7 5.5

