

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040953.D
 Acq On : 22 Dec 2023 10:06
 Operator : SY/MD
 Sample : VL1222ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 23 01:19:01 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)

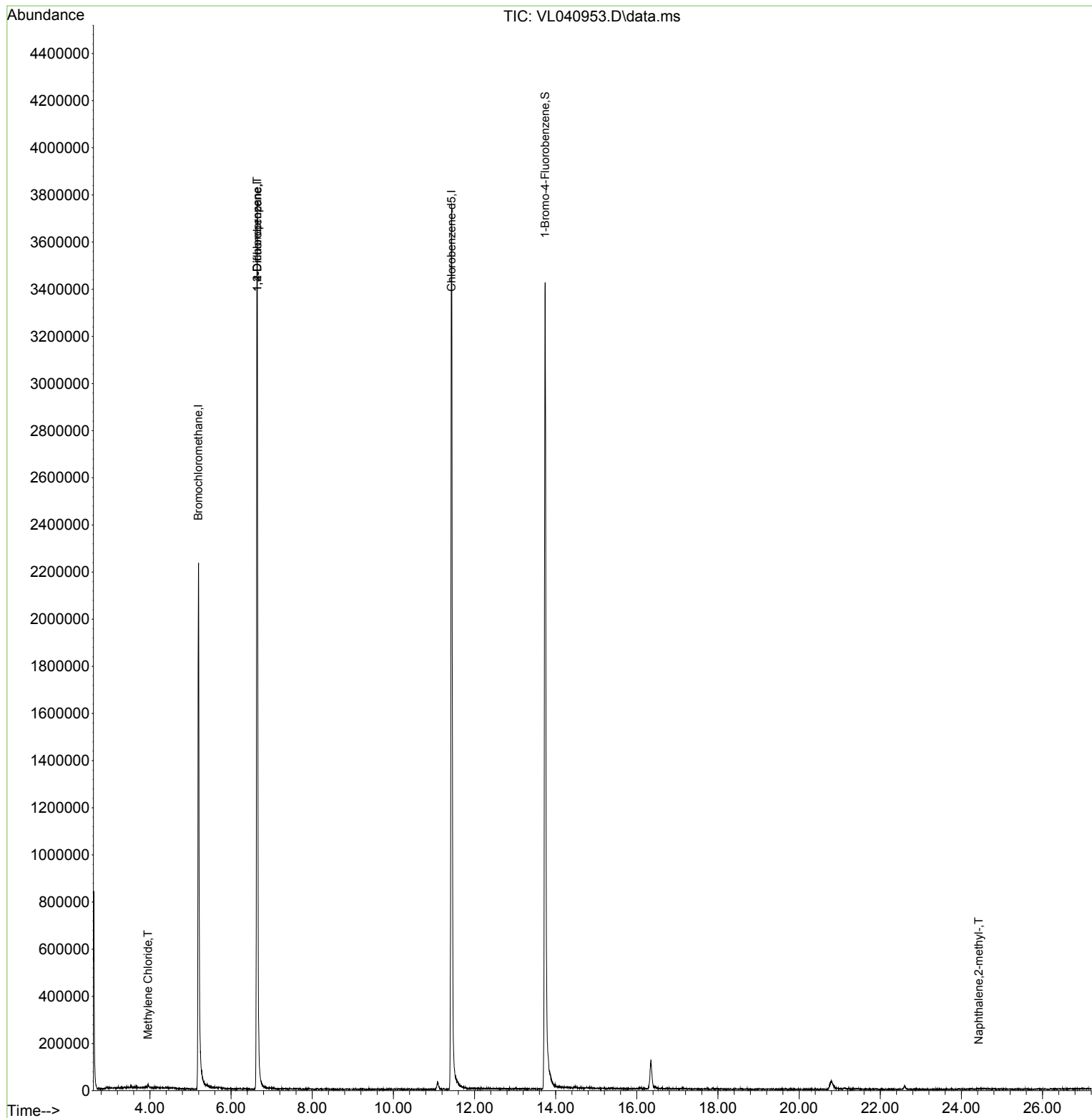
Internal Standards						
1) Bromochloromethane	5.195	49	1159203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3034569	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2582457	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1880099	9.884	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.954	84	2793	0.056	ppbv #	84
39) 1,2-Dichloropropane	6.642	63	728367	7.813	ppbv #	24
80) Naphthalene,2-methyl-	24.429	142	2969	0.120	ppbv #	77

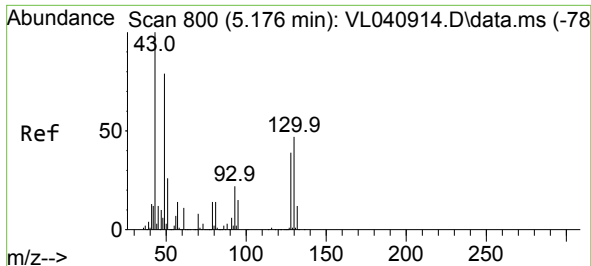
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
Data File : VL040953.D
Acq On : 22 Dec 2023 10:06
Operator : SY/MD
Sample : VL1222ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

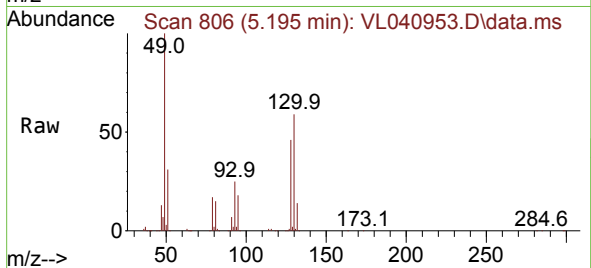
Quant Time: Dec 23 01:19:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Dec 22 23:57:16 2023
Response via : Initial Calibration



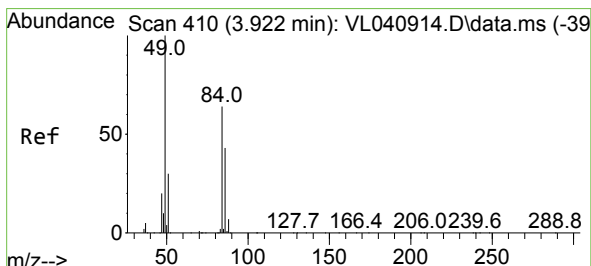
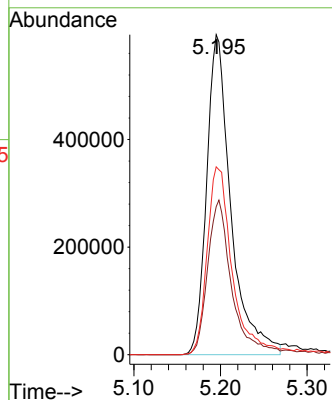
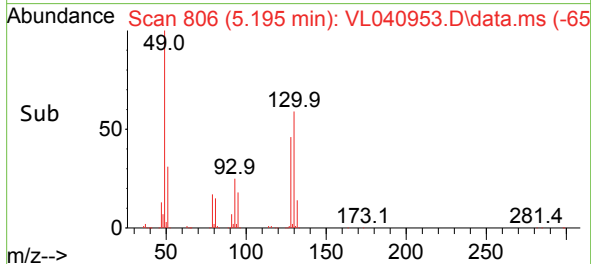


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :

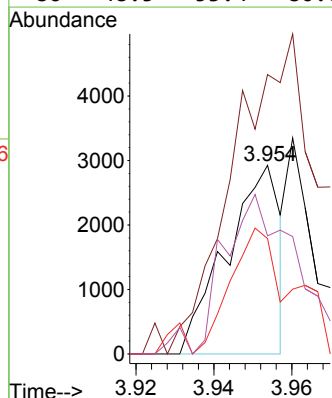
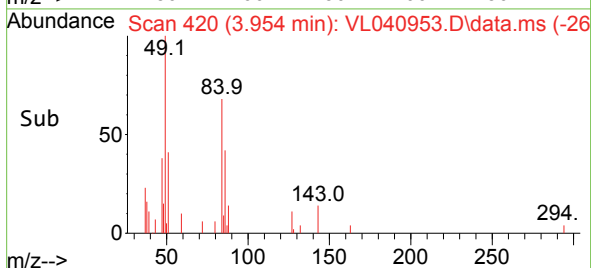
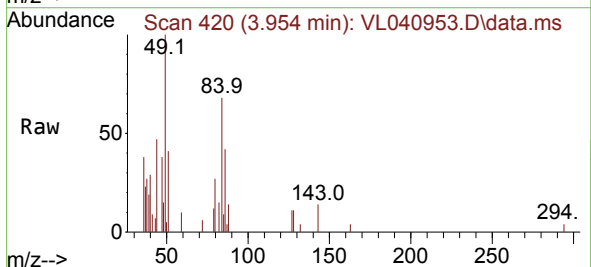


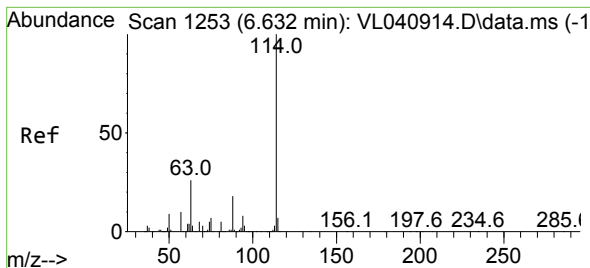
Tgt Ion: 49 Resp: 1159203
Ion Ratio Lower Upper
49 100
128 50.0 23.8 71.2
130 63.3 30.1 90.5



#20
Methylene Chloride
Concen: 0.056 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

Tgt Ion: 84 Resp: 2793
Ion Ratio Lower Upper
84 100
49 133.6 124.6 187.0
51 44.7 37.2 55.8
86 48.5 53.4 80.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040953.D

Acq: 22 Dec 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

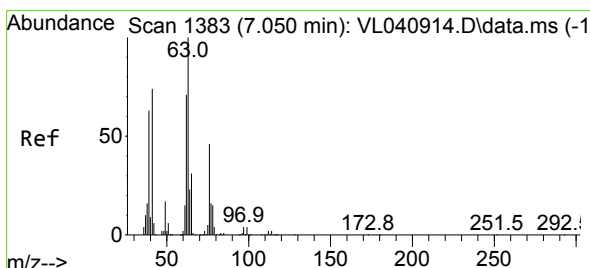
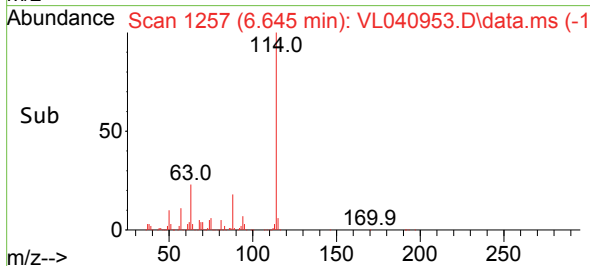
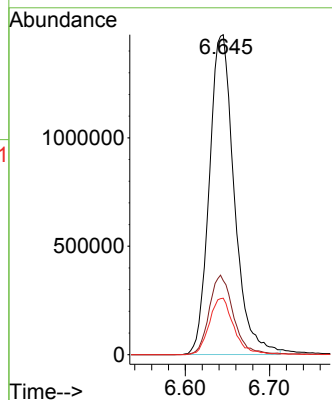
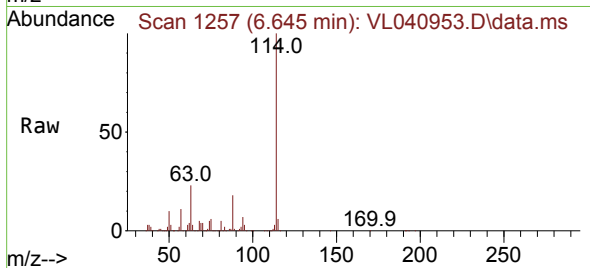
Tgt Ion:114 Resp: 3034569

Ion Ratio Lower Upper

114 100

63 24.5 21.0 31.6

88 17.6 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.813 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.418 min

Lab File: VL040953.D

Acq: 22 Dec 2023 10:06

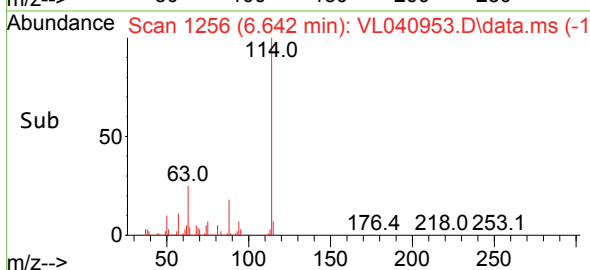
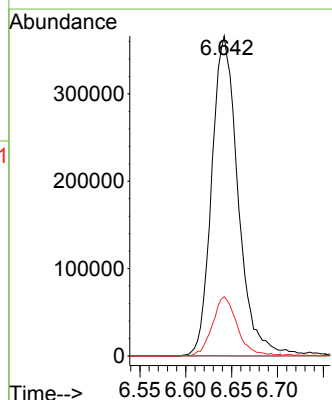
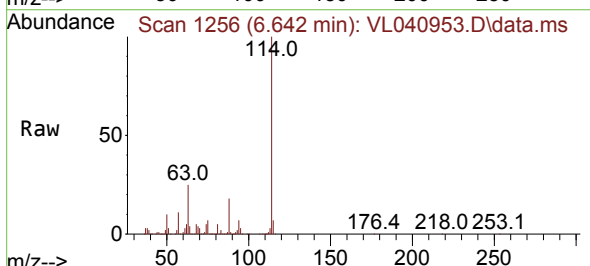
Tgt Ion: 63 Resp: 728367

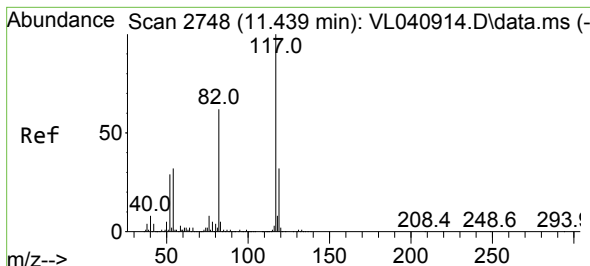
Ion Ratio Lower Upper

63 100

41 0.1 59.0 88.6#

62 18.5 56.6 85.0#

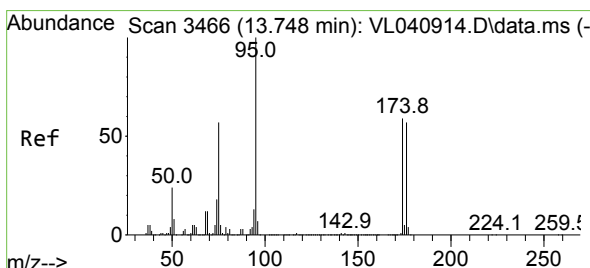
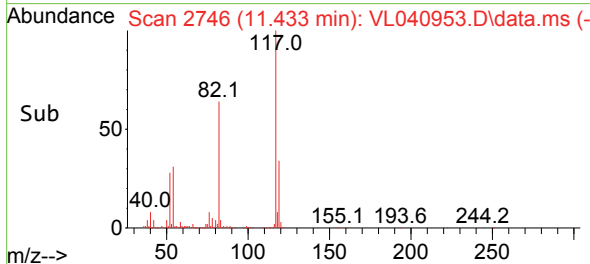
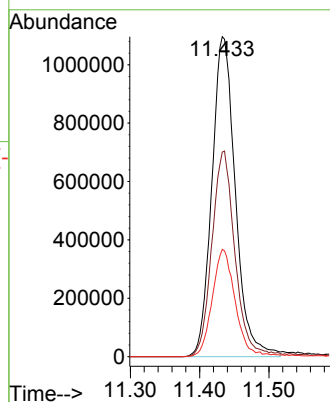
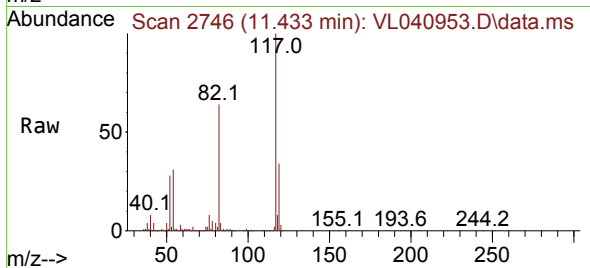




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

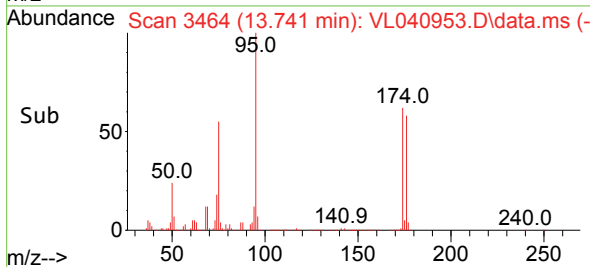
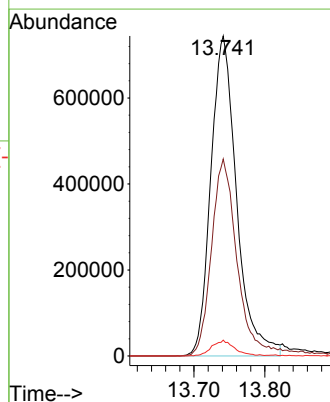
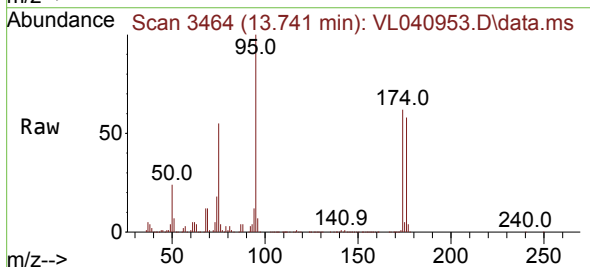
Instrument :
MSVOA_L
ClientSampleId :

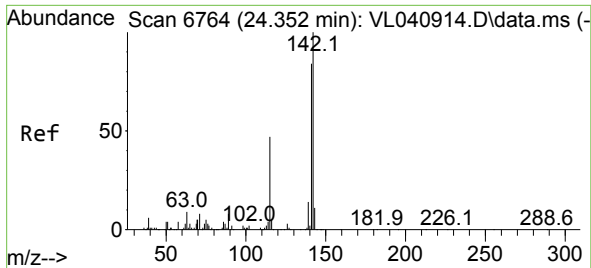
Tgt Ion:117 Resp: 2582457
Ion Ratio Lower Upper
117 100
82 64.7 49.6 74.4
119 33.2 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.884 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VL040953.D
Acq: 22 Dec 2023 10:06

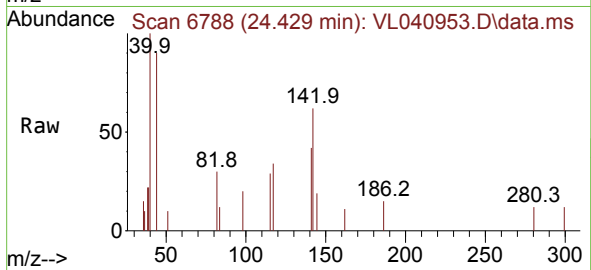
Tgt Ion: 95 Resp: 1880099
Ion Ratio Lower Upper
95 100
174 63.4 48.0 72.0
175 4.6 3.7 5.5





#80
 Naphthalene, 2-methyl-
 Concen: 0.120 ppbv
 RT: 24.429 min Scan# 61
 Delta R.T. 0.083 min
 Lab File: VL040953.D
 Acq: 22 Dec 2023 10:06

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 142 Resp: 2969
 Ion Ratio Lower Upper
 142 100
 141 62.6 68.5 102.7#
 115 55.0 34.5 51.7#

