

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041604.D
 Acq On : 18 Sep 2024 13:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

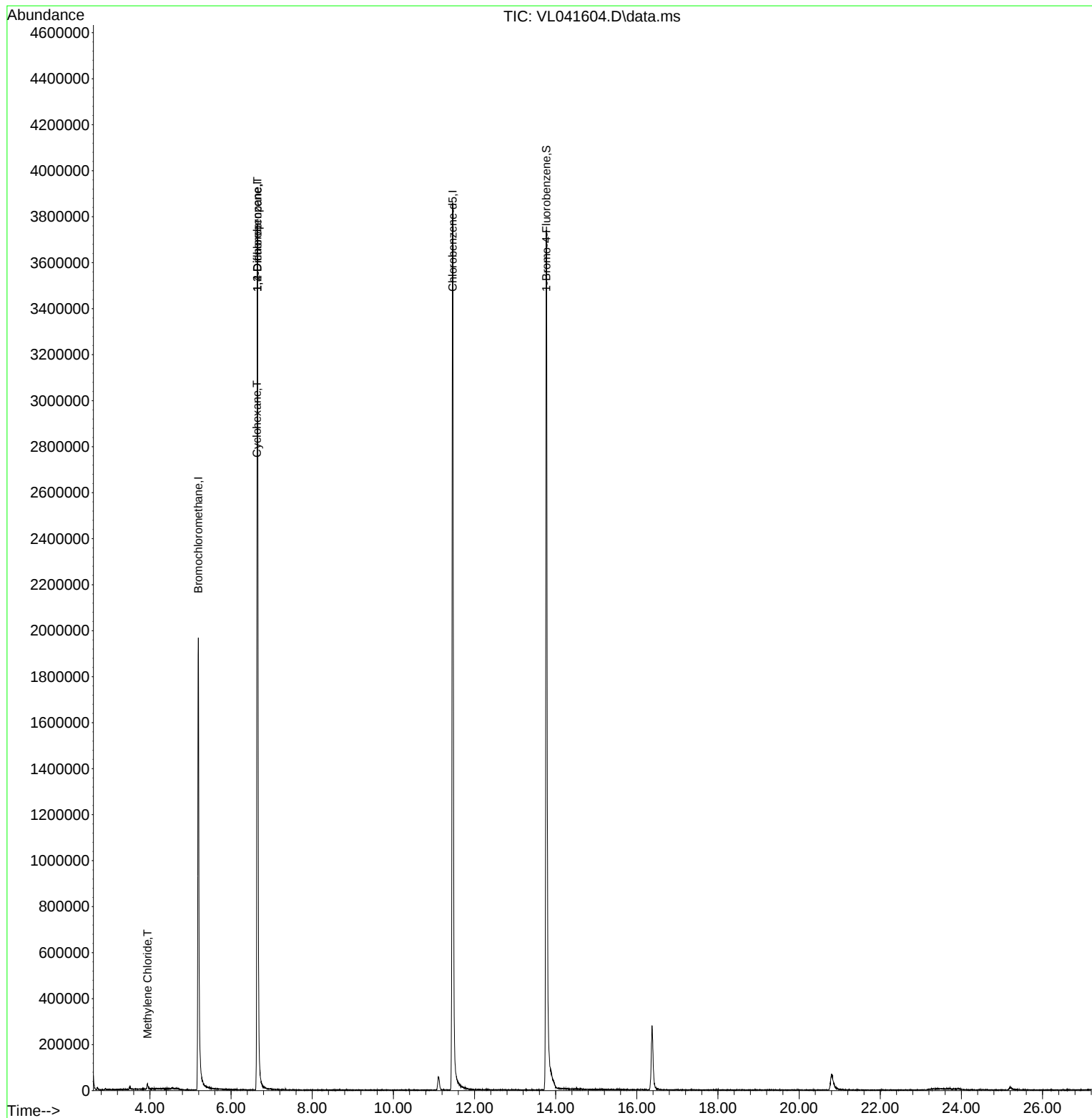
Internal Standards						
1) Bromochloromethane	5.192	49	1022701	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	2839648	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	2549341	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1841641	9.813	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.941	84	7462	0.155	ppbv #	85
30) Cyclohexane	6.639	84	4725	0.064	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	703810	8.772	ppbv #	23

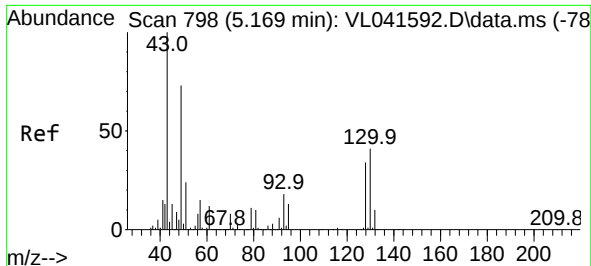
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
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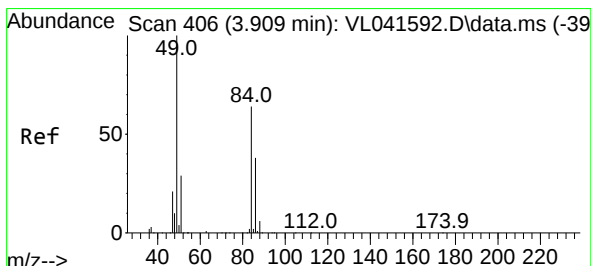
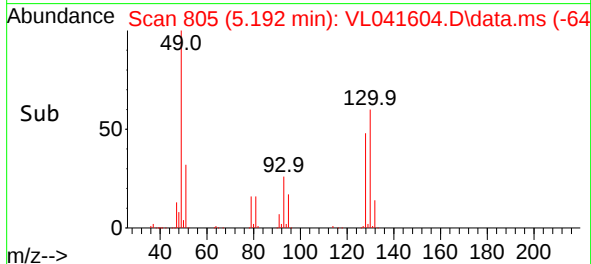
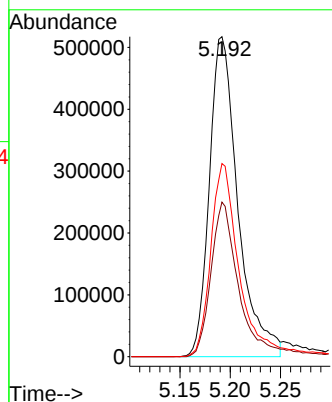
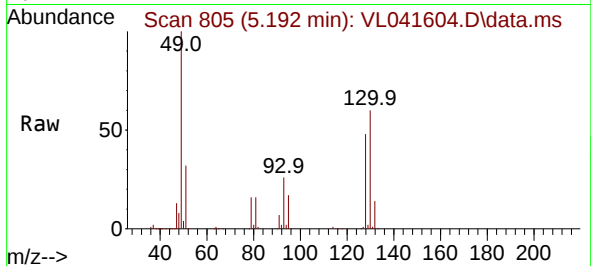




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.023 min
Lab File: VL041604.D
Acq: 18 Sep 2024 13:01

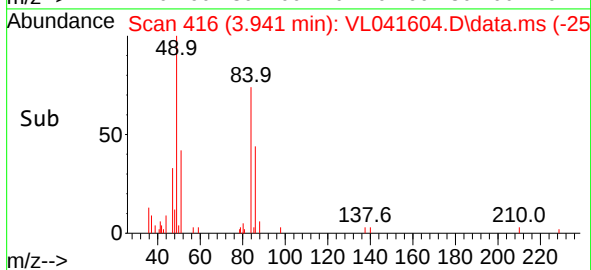
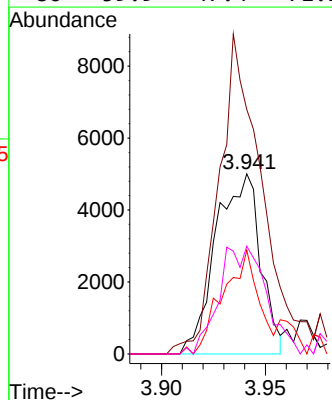
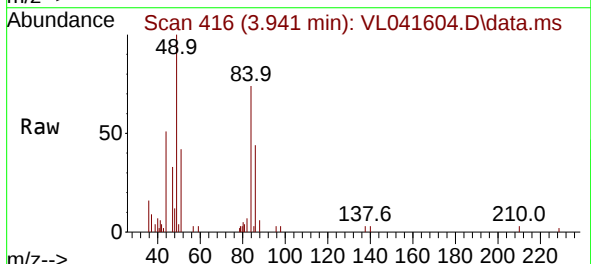
Instrument :
MSVOA_L
ClientSampleId :

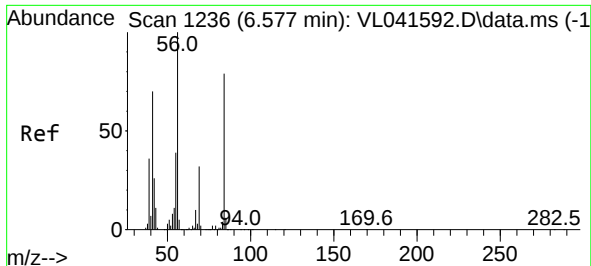
Tgt Ion: 49 Resp: 1022701
Ion Ratio Lower Upper
49 100
128 49.3 23.8 71.5
130 61.6 30.4 91.3



#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.032 min
Lab File: VL041604.D
Acq: 18 Sep 2024 13:01

Tgt Ion: 84 Resp: 7462
Ion Ratio Lower Upper
84 100
49 130.0 124.3 186.5
51 57.6 36.3 54.5#
86 59.9 47.4 71.2

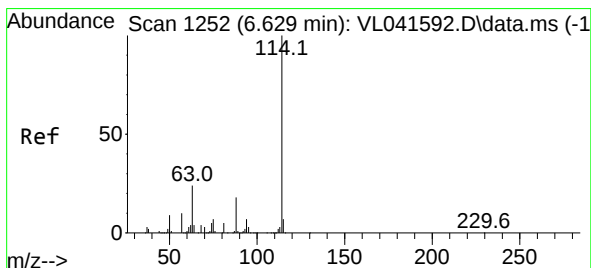
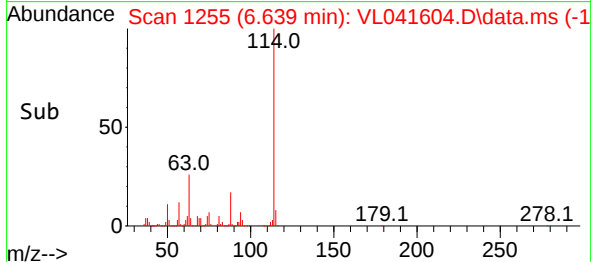
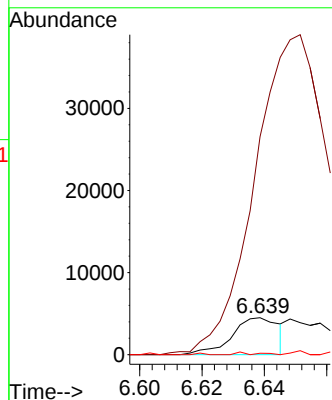
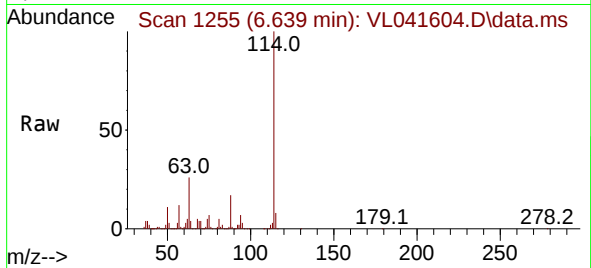




#30
Cyclohexane
Concen: 0.064 ppbv
RT: 6.639 min Scan# 11
Delta R.T. 0.061 min
Lab File: VL041604.D
Acq: 18 Sep 2024 13:01

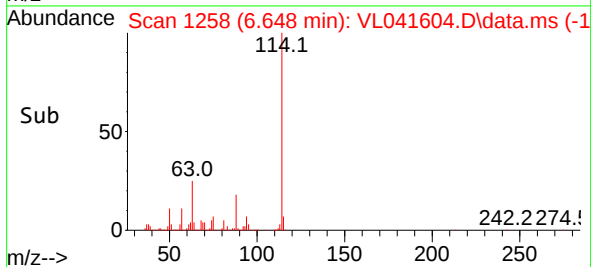
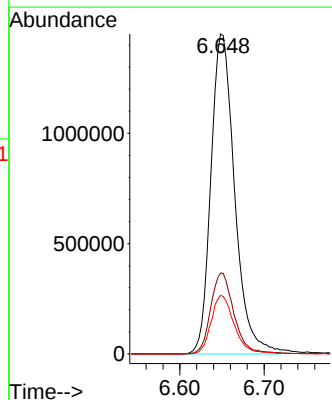
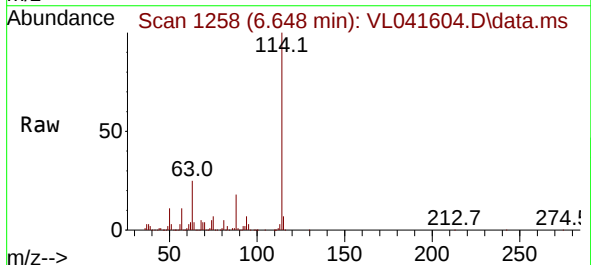
Instrument :
MSVOA_L
ClientSampleId :

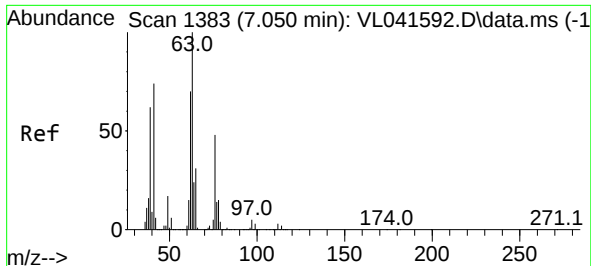
Tgt Ion: 84 Resp: 4725
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 0.0 70.9 106.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.019 min
Lab File: VL041604.D
Acq: 18 Sep 2024 13:01

Tgt Ion: 114 Resp: 2839648
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 18.0 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.772 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.402 min

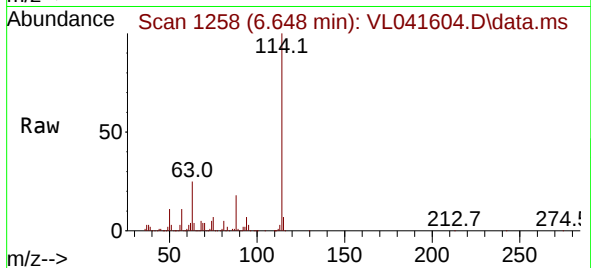
Lab File: VL041604.D

Acq: 18 Sep 2024 13:01

Instrument :

MSVOA_L

ClientSampleId :



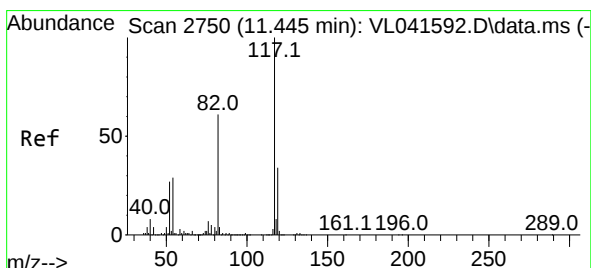
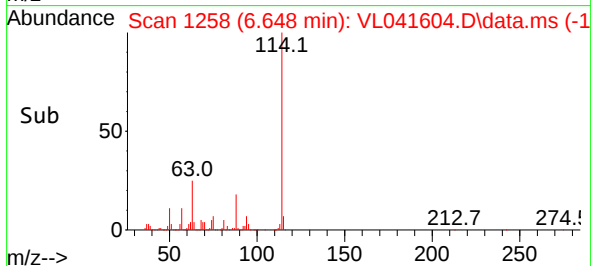
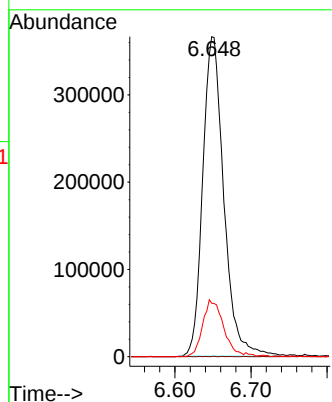
Tgt Ion: 63 Resp: 703810

Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 16.7 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.016 min

Lab File: VL041604.D

Acq: 18 Sep 2024 13:01

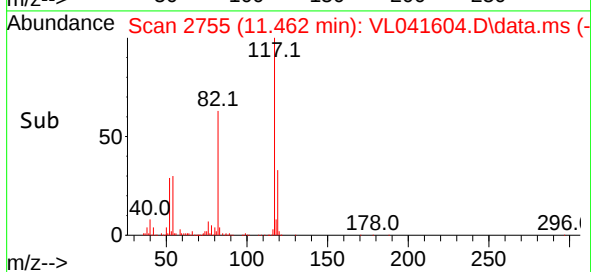
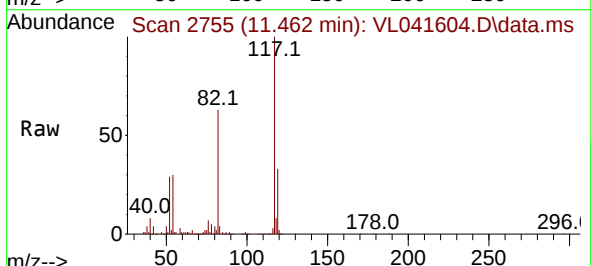
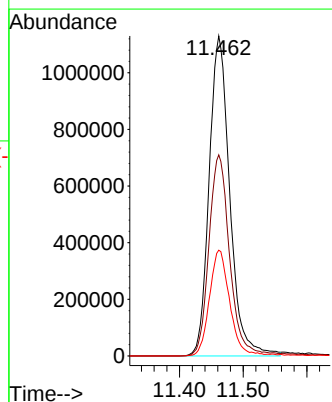
Tgt Ion: 117 Resp: 2549341

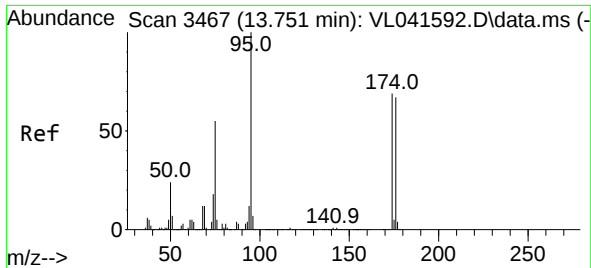
Ion Ratio Lower Upper

117 100

82 63.9 49.4 74.2

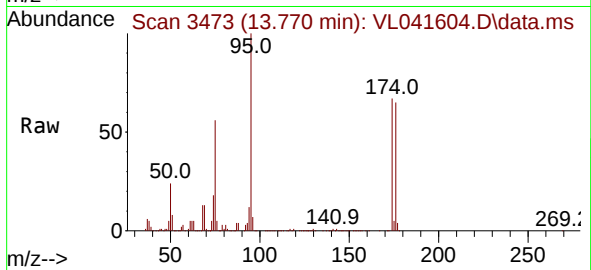
119 33.1 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.813 ppbv
 RT: 13.770 min Scan# 3467
 Delta R.T. 0.019 min
 Lab File: VL041604.D
 Acq: 18 Sep 2024 13:01

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1841641

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.8	83.8
175	5.2	4.1	6.1

