

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040881.D
 Acq On : 15 Nov 2023 23:21
 Operator : SY/MD
 Sample : 05277-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-5DL

Quant Time: Nov 16 06:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

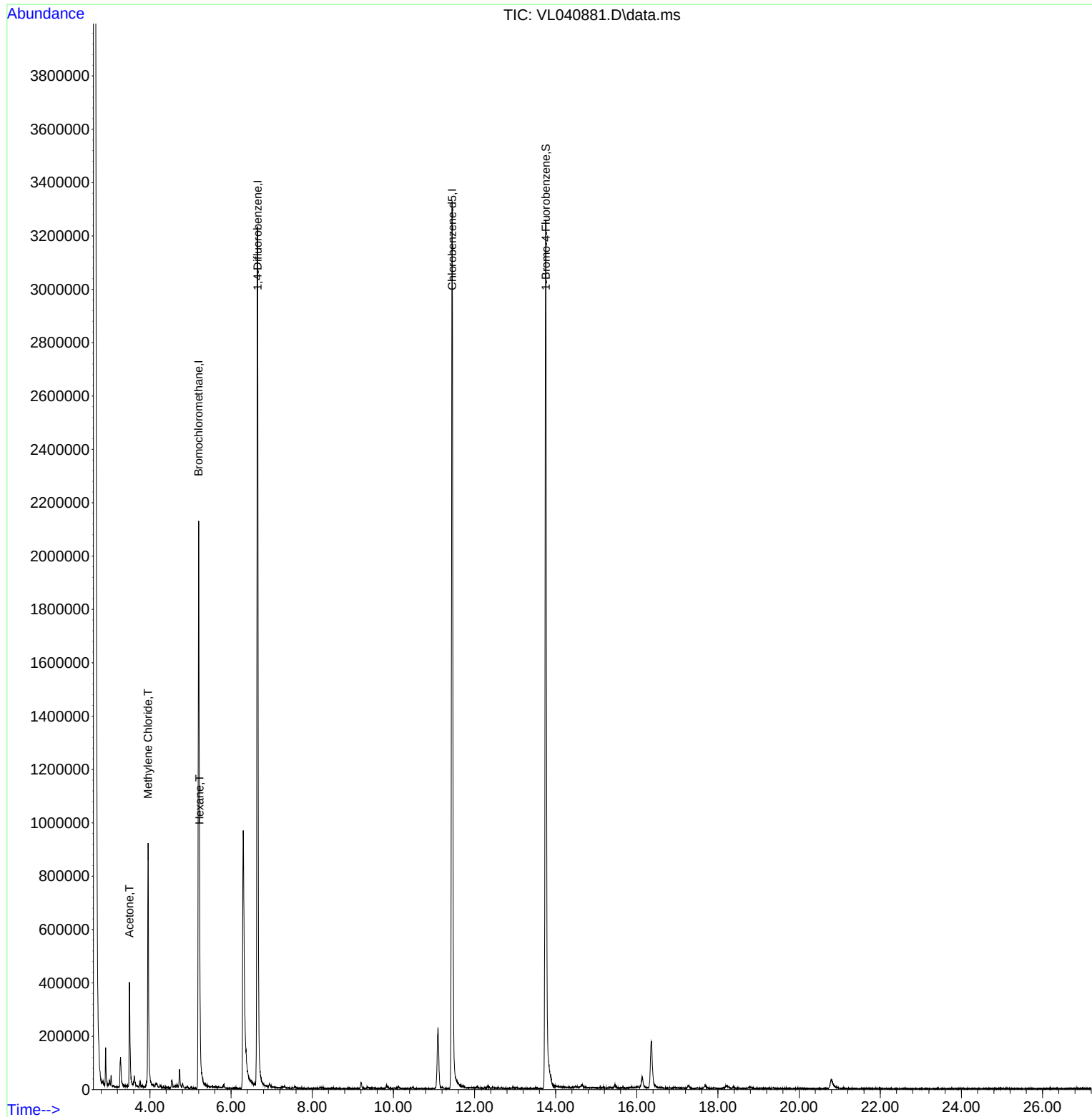
Internal Standards						
1) Bromochloromethane	5.202	49	979575	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.652	114	2370477	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.449	117	2074719	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1633064	10.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
						Qvalue
15) Acetone	3.494	43	374941	3.594	ppbv	93
20) Methylene Chloride	3.954	84	282493	6.561	ppbv	96
26) Hexane	5.224	57	162613	1.701	ppbv #	40

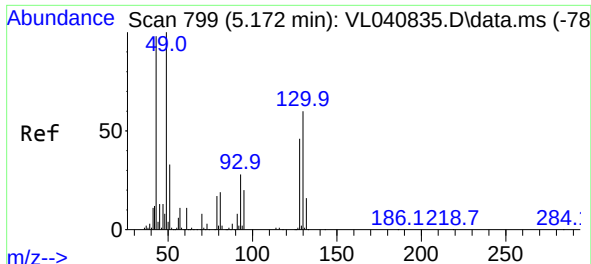
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 06:35:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

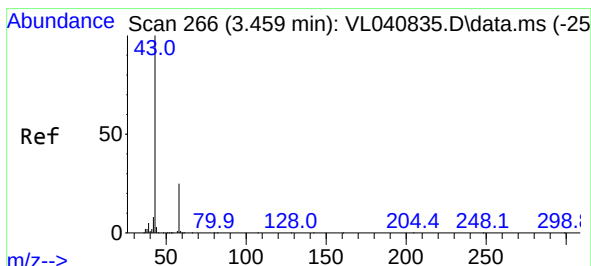
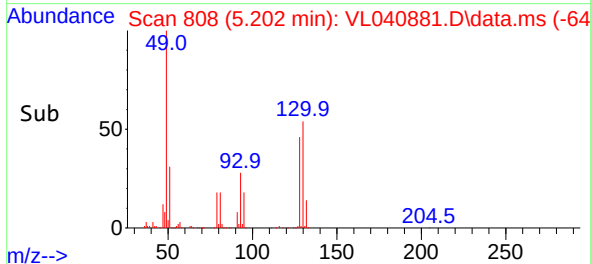
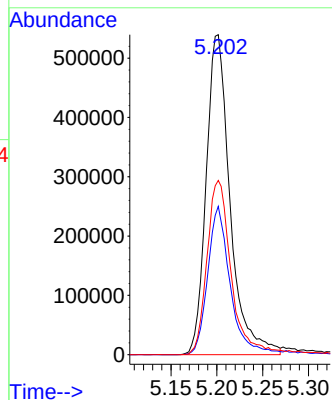
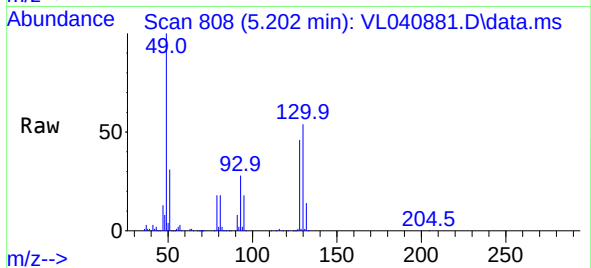




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.030 min
Lab File: VL040881.D
Acq: 15 Nov 2023 23:21

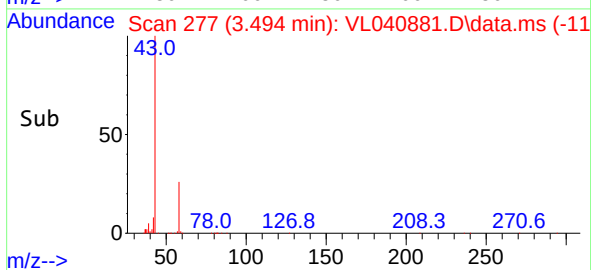
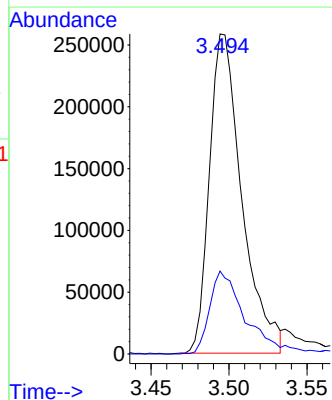
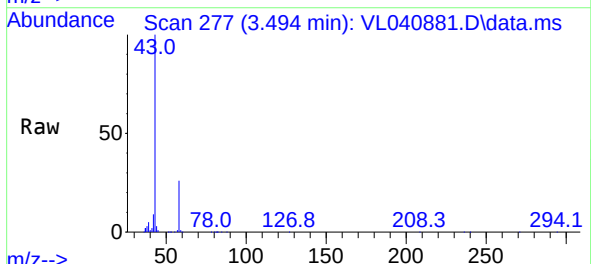
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5DL

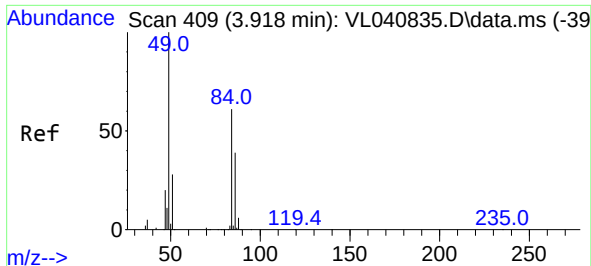
Tgt Ion: 49 Resp: 979575
Ion Ratio Lower Upper
49 100
128 45.4 23.8 71.2
130 56.5 30.9 92.8



#15
Acetone
Concen: 3.594 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.036 min
Lab File: VL040881.D
Acq: 15 Nov 2023 23:21

Tgt Ion: 43 Resp: 374941
Ion Ratio Lower Upper
43 100
58 29.9 20.9 31.3



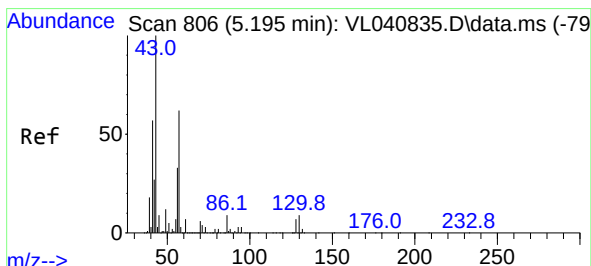
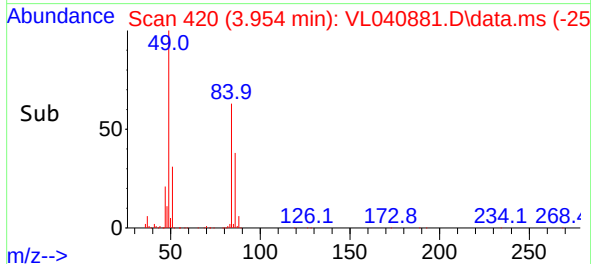
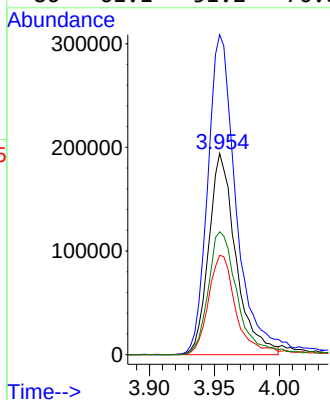
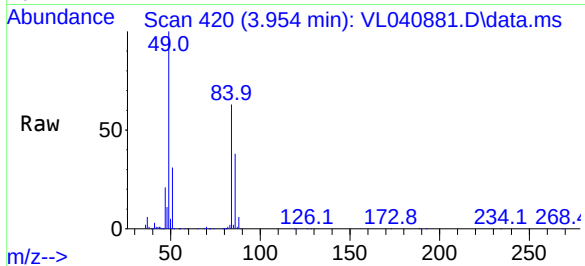


#20
Methylene Chloride
Concen: 6.561 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL040881.D
Acq: 15 Nov 2023 23:21

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5DL

Tgt Ion: 84 Resp: 282493

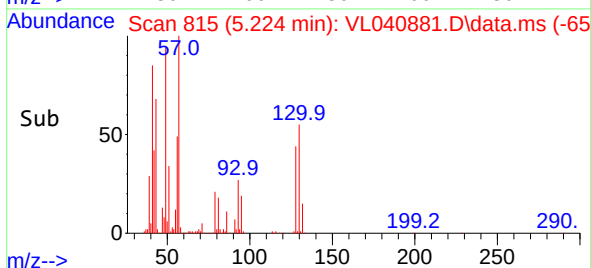
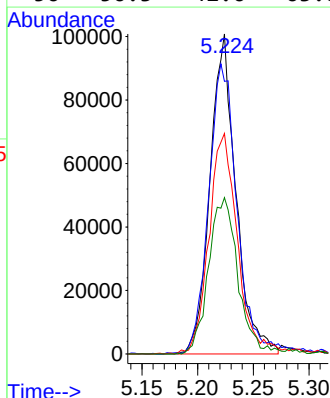
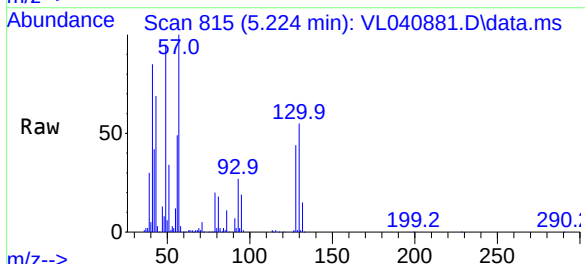
Ion	Ratio	Lower	Upper
84	100		
49	158.6	131.0	196.4
51	49.9	36.9	55.3
86	61.1	51.2	76.8

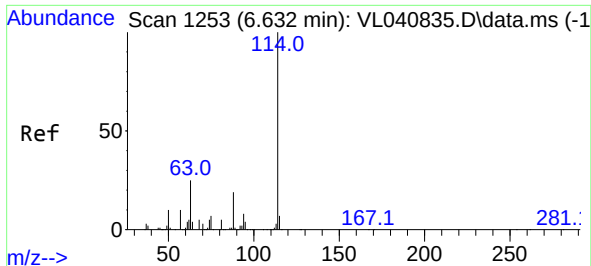


#26
Hexane
Concen: 1.701 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.029 min
Lab File: VL040881.D
Acq: 15 Nov 2023 23:21

Tgt Ion: 57 Resp: 162613

Ion	Ratio	Lower	Upper
57	100		
41	101.6	75.4	113.0
43	77.2	185.9	278.9#
56	56.3	42.6	63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL040881.D

Acq: 15 Nov 2023 23:21

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-5DL

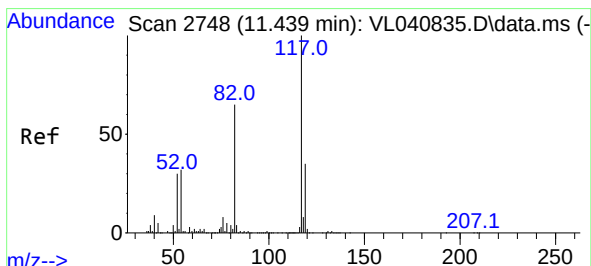
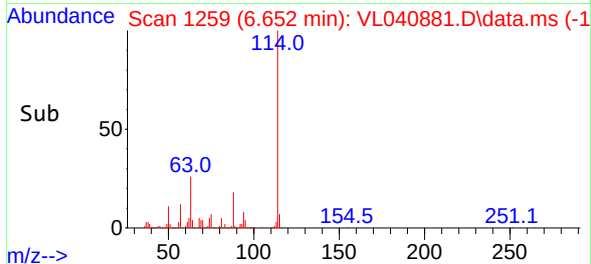
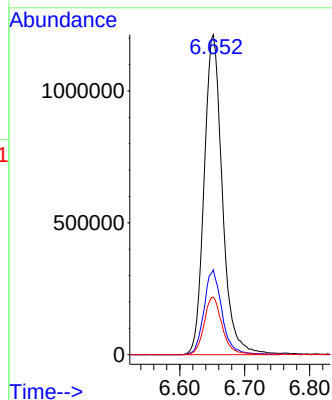
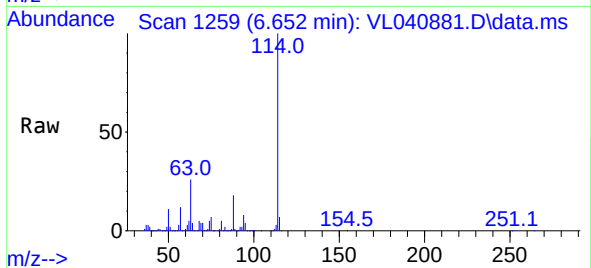
Tgt Ion:114 Resp: 2370477

Ion Ratio Lower Upper

114 100

63 26.4 20.9 31.3

88 18.0 14.3 21.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. 0.010 min

Lab File: VL040881.D

Acq: 15 Nov 2023 23:21

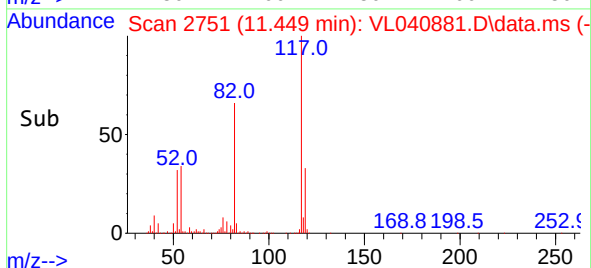
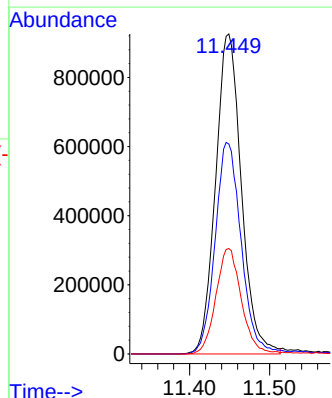
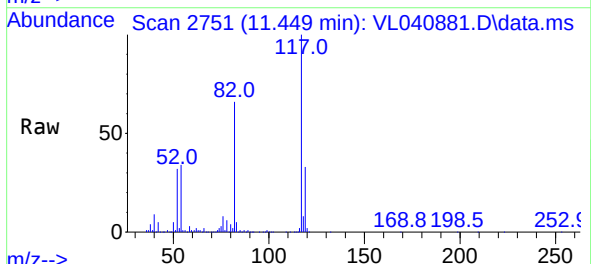
Tgt Ion:117 Resp: 2074719

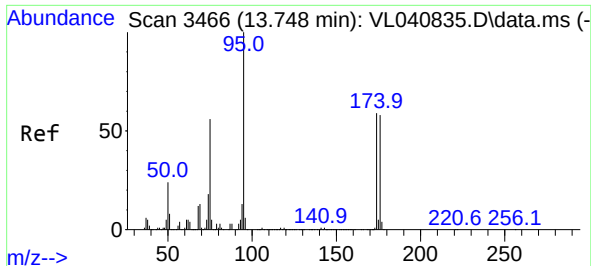
Ion Ratio Lower Upper

117 100

82 67.7 50.6 75.8

119 32.7 23.3 34.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.054 ppbv

RT: 13.757 min Scan# 34

Delta R.T. 0.010 min

Lab File: VL040881.D

Acq: 15 Nov 2023 23:21

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-5DL

Tgt Ion: 95 Resp: 1633064

Ion Ratio Lower Upper

95 100

174 60.1 47.5 71.3

175 4.5 3.6 5.4

