

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041322.D
 Acq On : 5 Jun 2024 10:25
 Operator : SY/MD
 Sample : VL0605ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABL01

Quant Time: Jun 06 04:37:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

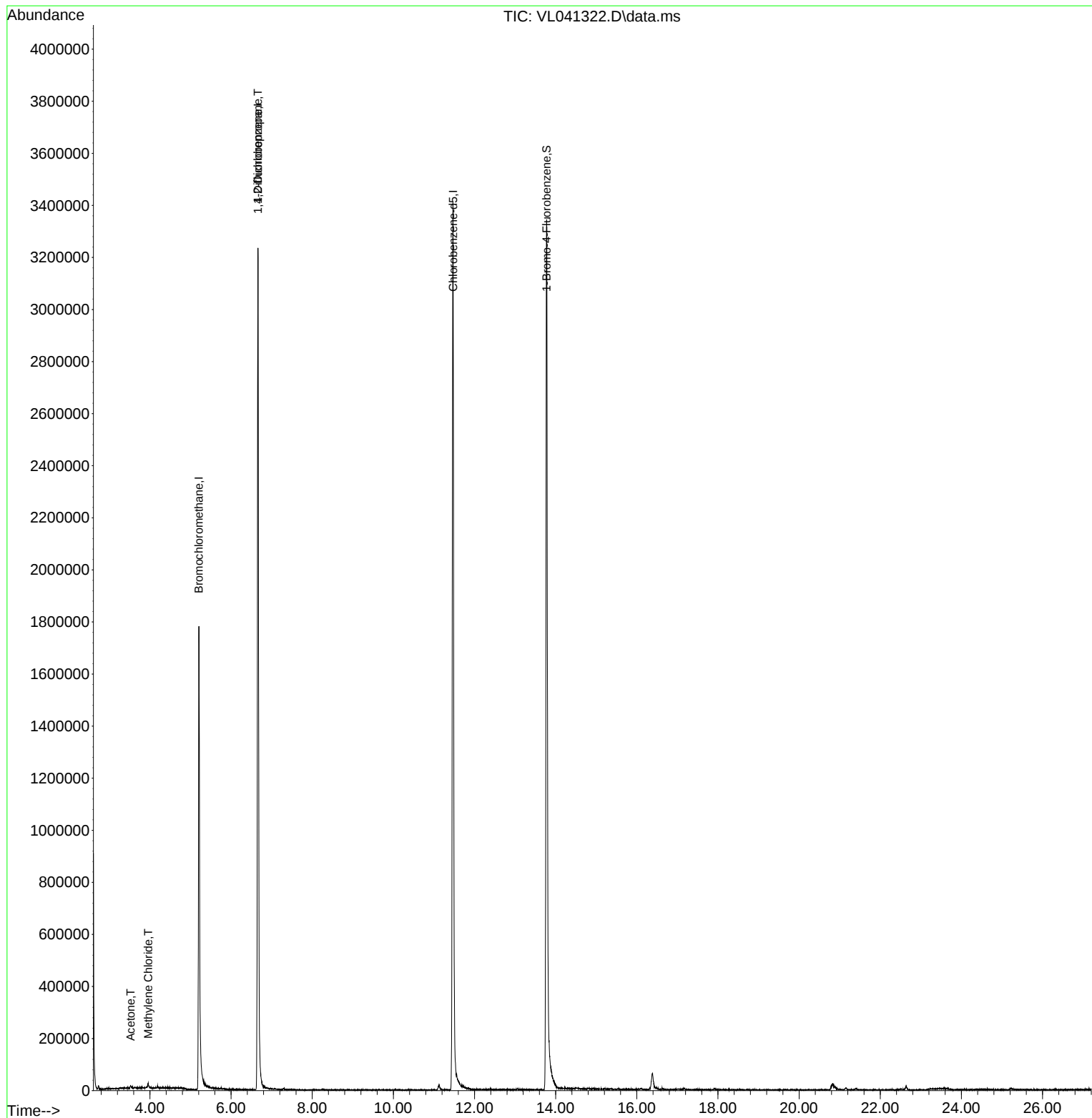
Internal Standards						
1) Bromochloromethane	5.205	49	954158	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2483892	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2235606	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1764345	10.222	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						
					Qvalue	
15) Acetone	3.523	43	8906	0.082	ppbv #	82
20) Methylene Chloride	3.957	84	5131	0.130	ppbv #	86
39) 1,2-Dichloropropane	6.661	63	633759	8.267	ppbv #	24

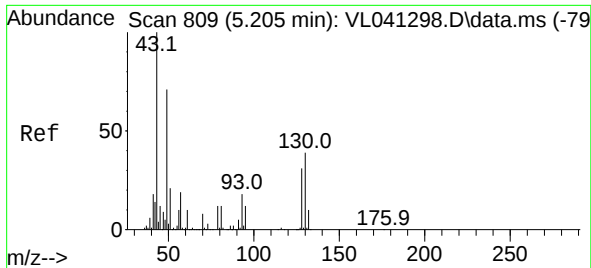
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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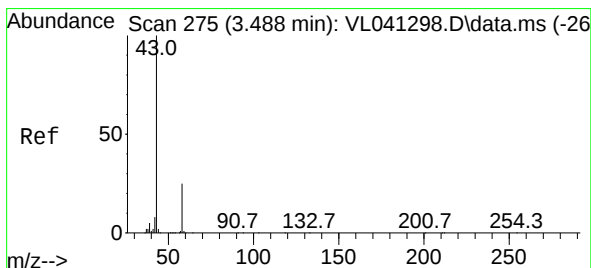
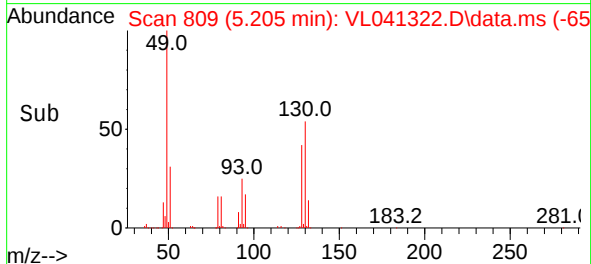
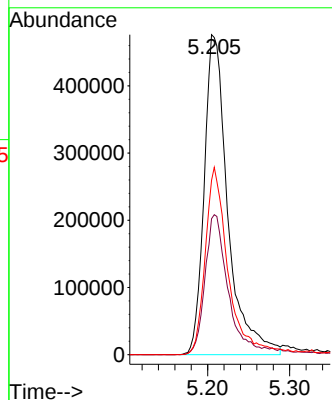
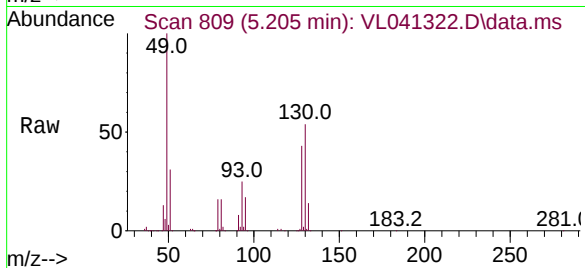




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL041322.D
Acq: 5 Jun 2024 10:25

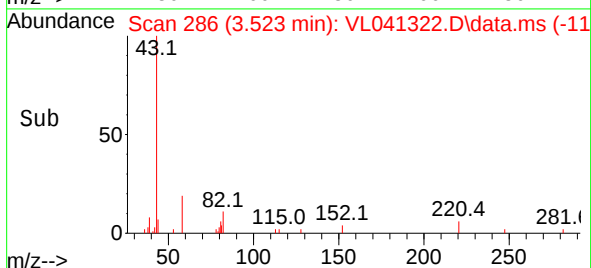
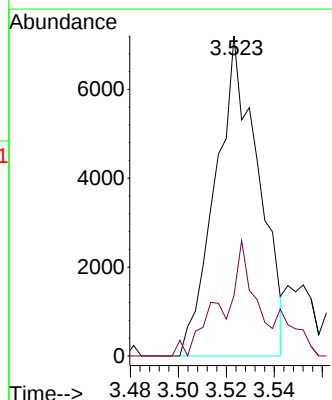
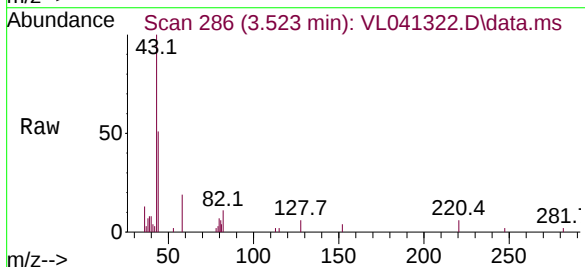
Instrument :
MSVOA_1
ClientSampleId :
VL0605ABL01

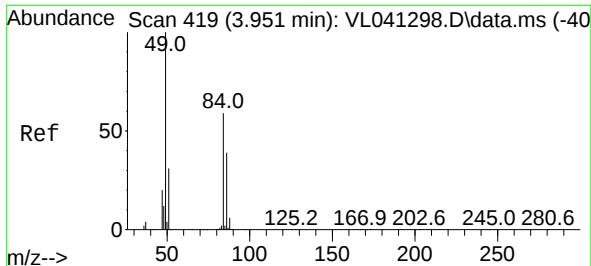
Tgt Ion: 49 Resp: 954158
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.3
130 58.8 28.4 85.3



#15
Acetone
Concen: 0.082 ppbv
RT: 3.523 min Scan# 286
Delta R.T. 0.035 min
Lab File: VL041322.D
Acq: 5 Jun 2024 10:25

Tgt Ion: 43 Resp: 8906
Ion Ratio Lower Upper
43 100
58 34.7 20.6 31.0#





#20

Methylene Chloride

Concen: 0.130 ppbv

RT: 3.957 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041322.D

Acq: 5 Jun 2024 10:25

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABL01

Tgt Ion: 84 Resp: 5131

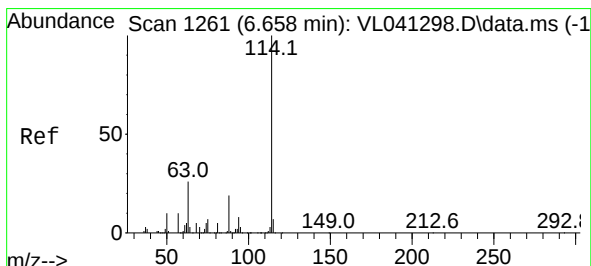
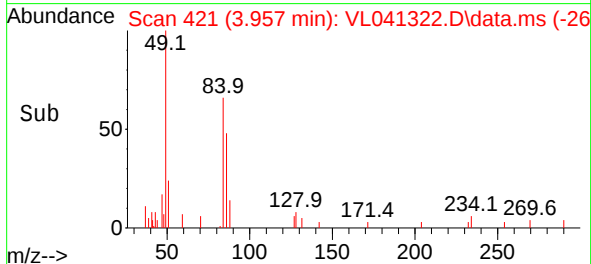
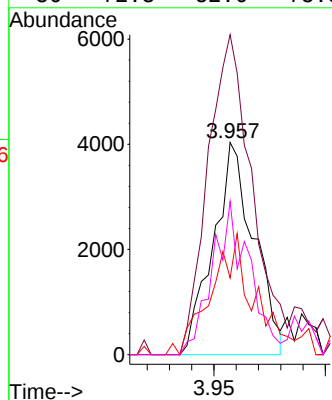
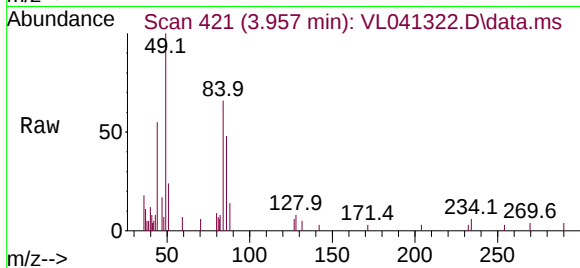
Ion Ratio Lower Upper

84 100

49 150.9 136.2 204.2

51 36.2 41.9 62.9#

86 72.3 52.6 78.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.665 min Scan# 1263

Delta R.T. 0.007 min

Lab File: VL041322.D

Acq: 5 Jun 2024 10:25

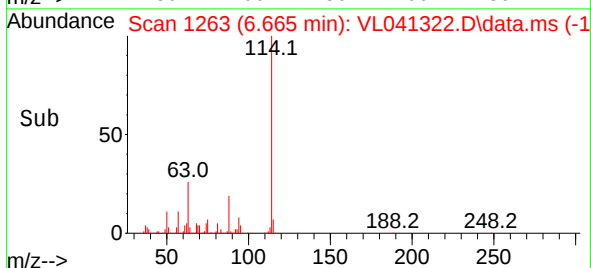
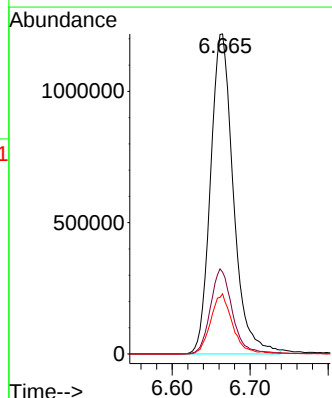
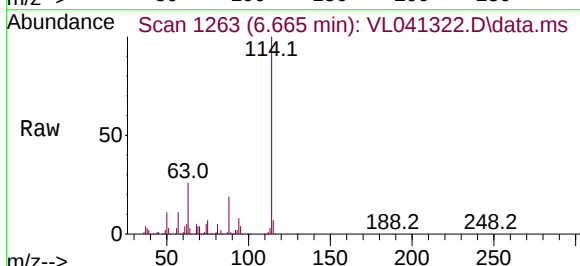
Tgt Ion:114 Resp: 2483892

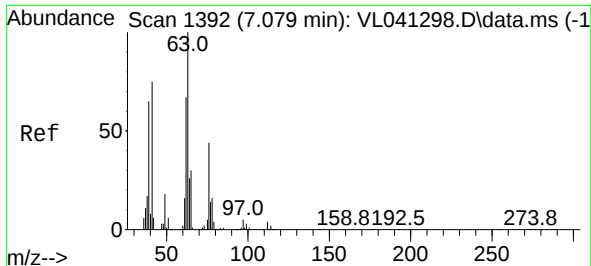
Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

88 18.3 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.267 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL041322.D

Acq: 5 Jun 2024 10:25

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABL01

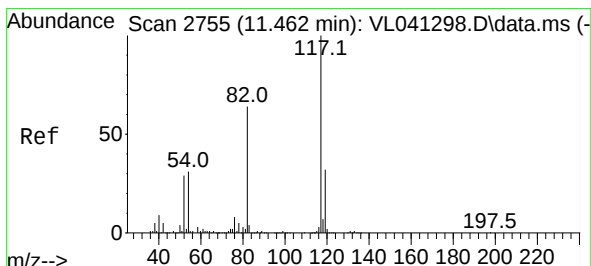
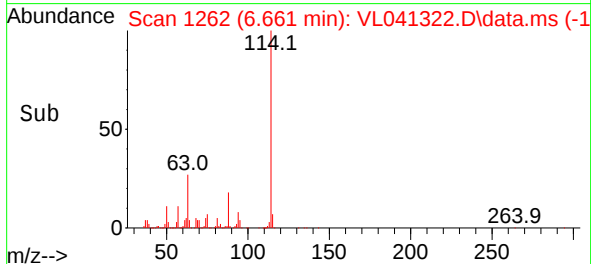
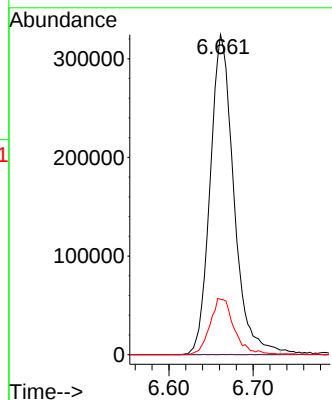
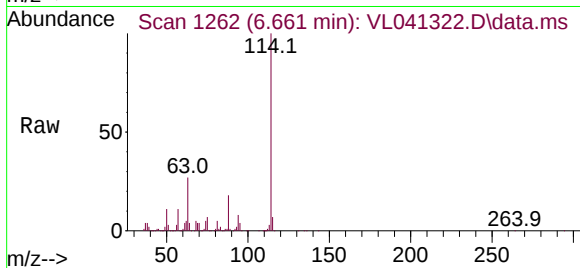
Tgt Ion: 63 Resp: 633759

Ion Ratio Lower Upper

63 100

41 0.2 59.9 89.9#

62 17.3 53.8 80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. 0.010 min

Lab File: VL041322.D

Acq: 5 Jun 2024 10:25

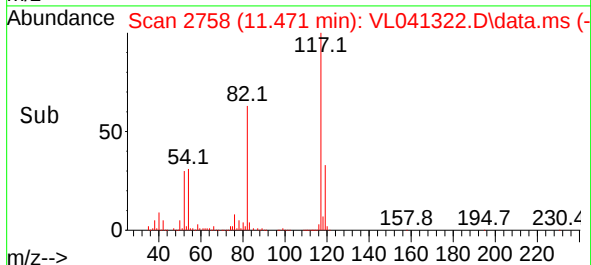
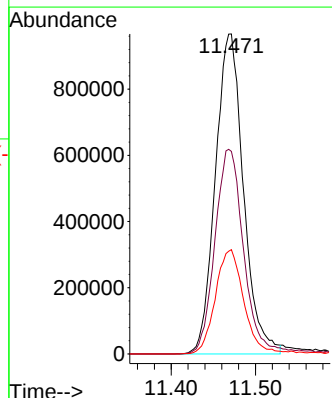
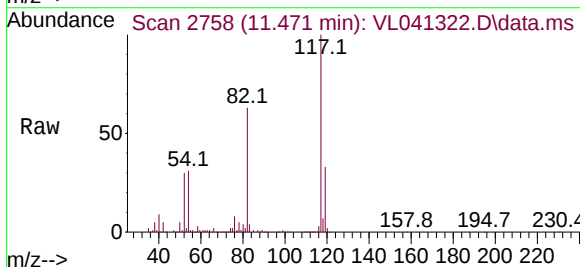
Tgt Ion:117 Resp: 2235606

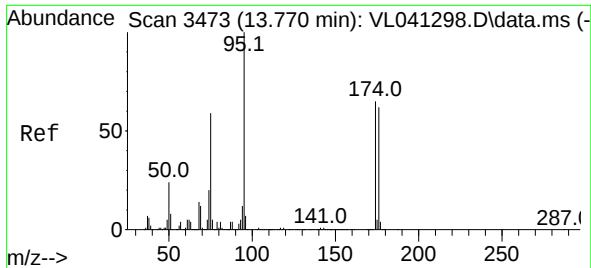
Ion Ratio Lower Upper

117 100

82 66.2 52.3 78.5

119 33.5 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.222 ppbv

RT: 13.777 min Scan# 34

Delta R.T. 0.007 min

Lab File: VL041322.D

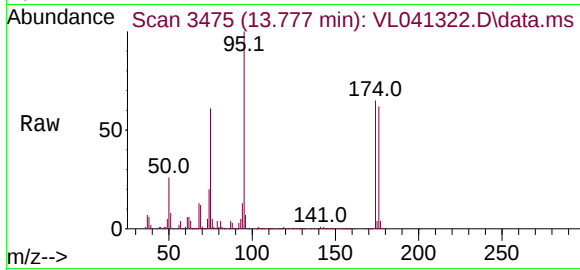
Acq: 5 Jun 2024 10:25

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABL01



Tgt Ion: 95 Resp: 1764345

Ion Ratio Lower Upper

95 100

174 65.9 52.2 78.2

175 4.7 4.1 6.1

