

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041324.D
 Acq On : 5 Jun 2024 12:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 06 04:38:35 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)

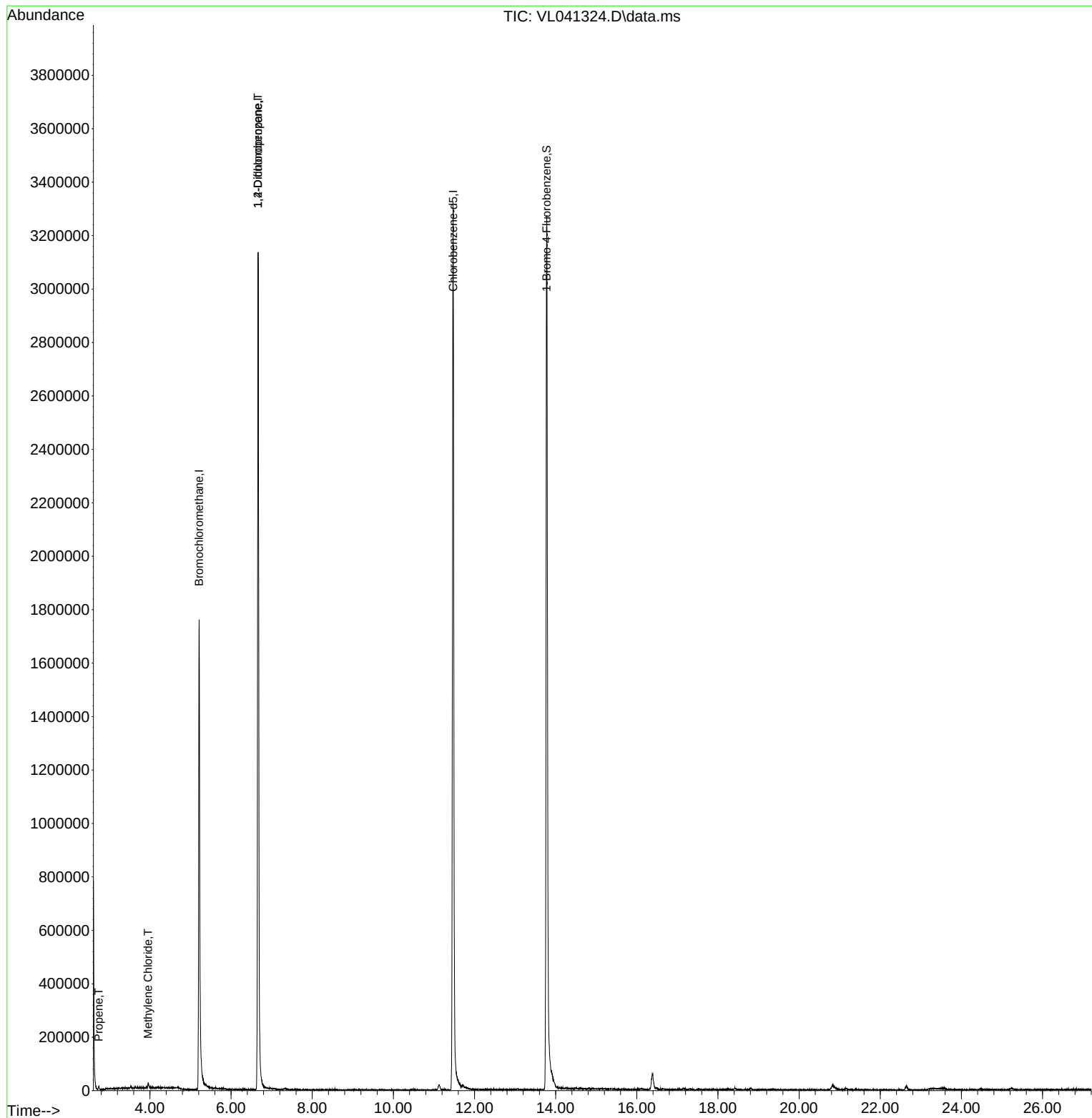
Internal Standards						
1) Bromochloromethane	5.211	49	921377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2412210	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2177105	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1677050	9.977	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.739	41	4080	0.079	ppbv	85
20) Methylene Chloride	3.954	84	2166	0.057	ppbv #	68
39) 1,2-Dichloropropane	6.665	63	618887	8.313	ppbv #	24

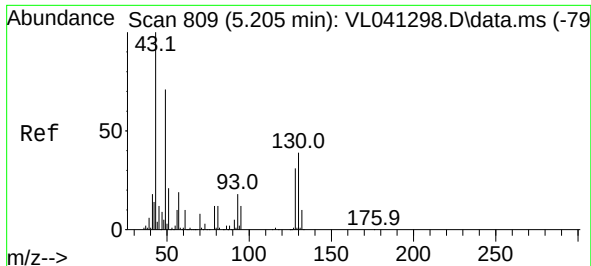
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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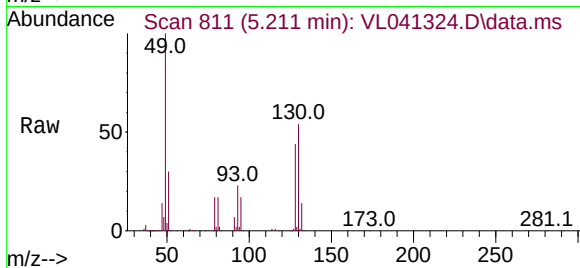
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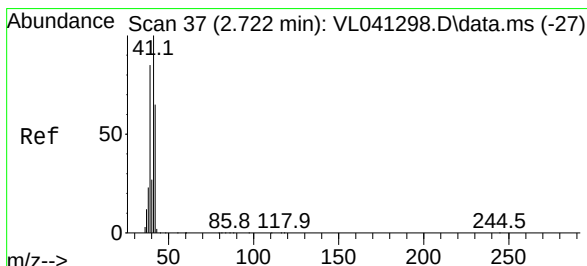
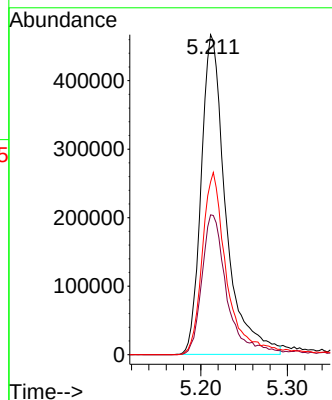
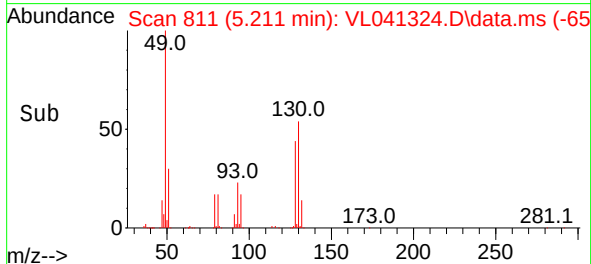


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :

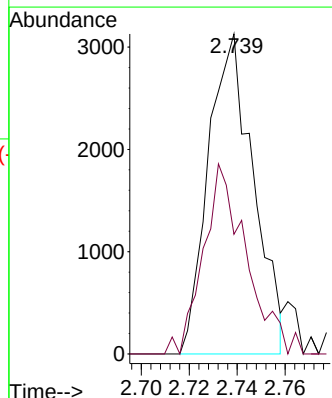
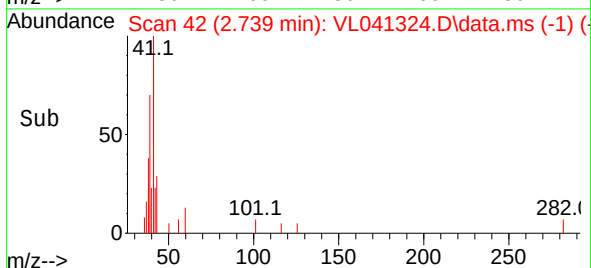
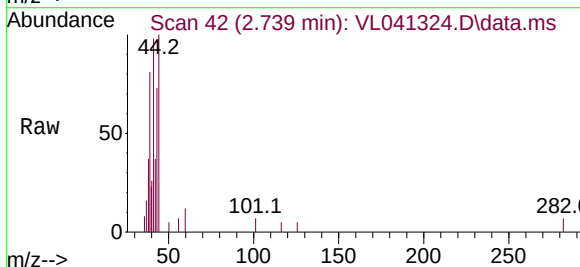


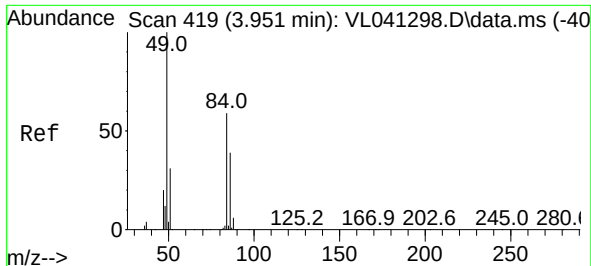
Tgt Ion: 49 Resp: 921377
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.3
130 58.6 28.4 85.3



#9
Propene
Concen: 0.079 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.016 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Tgt Ion: 41 Resp: 4080
Ion Ratio Lower Upper
41 100
42 56.7 55.2 82.8





#20

Methylene Chloride

Concen: 0.057 ppbv

RT: 3.954 min Scan# 41

Delta R.T. 0.003 min

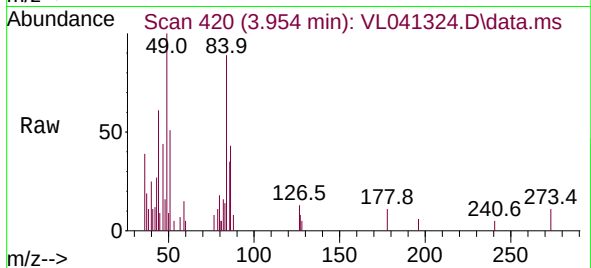
Lab File: VL041324.D

Acq: 5 Jun 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 2166

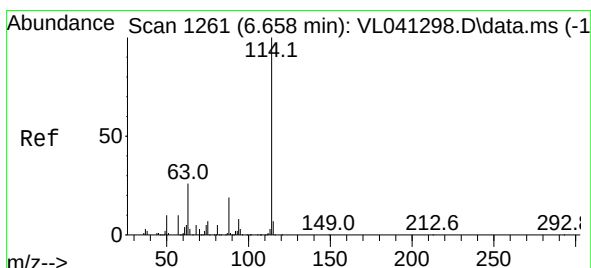
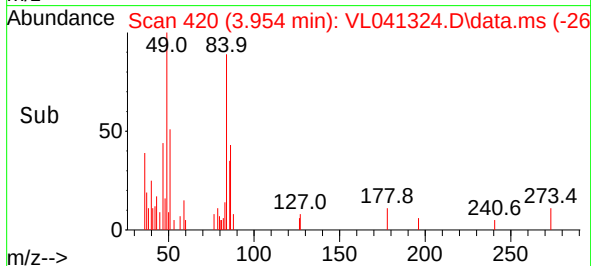
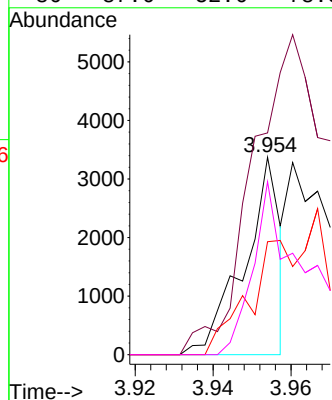
Ion Ratio Lower Upper

84 100

49 112.3 136.2 204.2#

51 57.2 41.9 62.9

86 87.6 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: VL041324.D

Acq: 5 Jun 2024 12:45

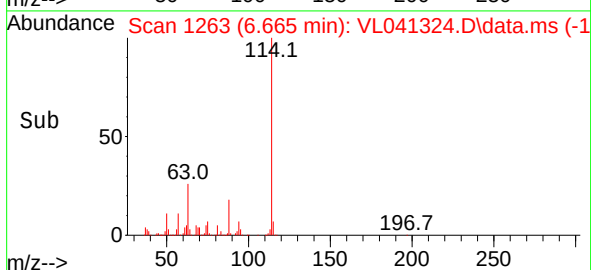
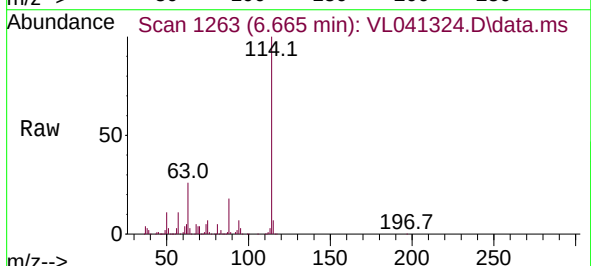
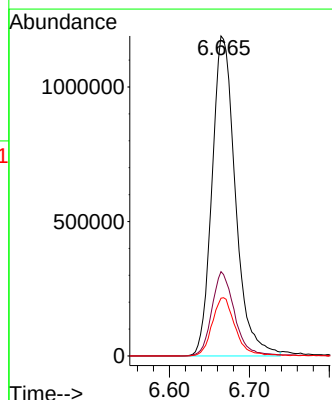
Tgt Ion:114 Resp: 2412210

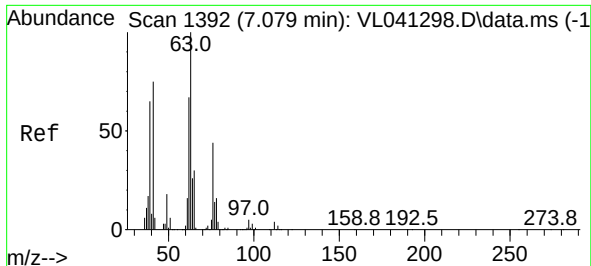
Ion Ratio Lower Upper

114 100

63 26.1 20.6 30.8

88 18.1 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.313 ppbv

RT: 6.665 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041324.D

Acq: 5 Jun 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

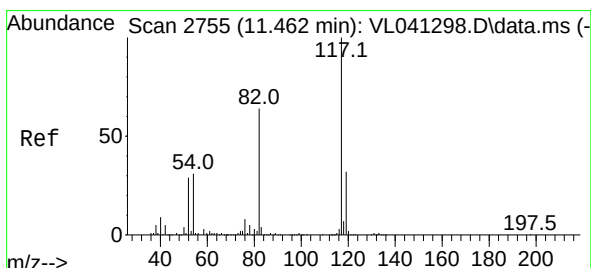
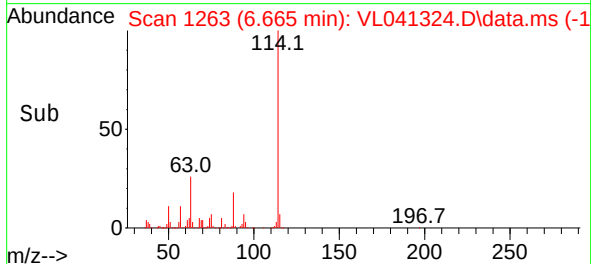
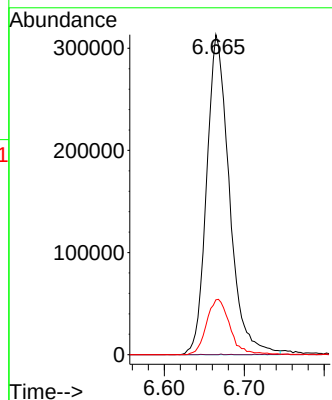
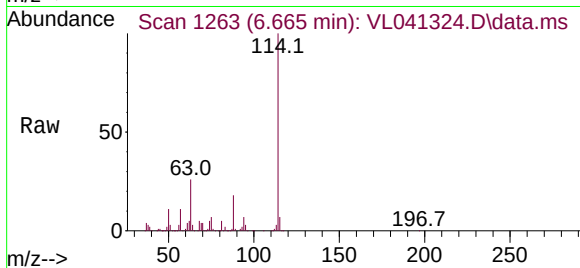
Tgt Ion: 63 Resp: 618887

Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 17.2 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: VL041324.D

Acq: 5 Jun 2024 12:45

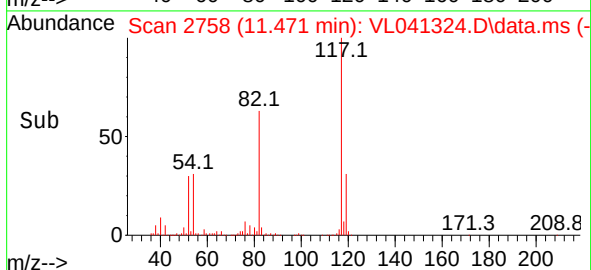
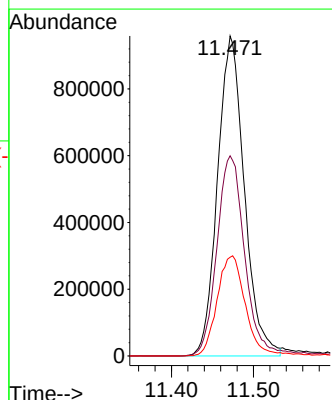
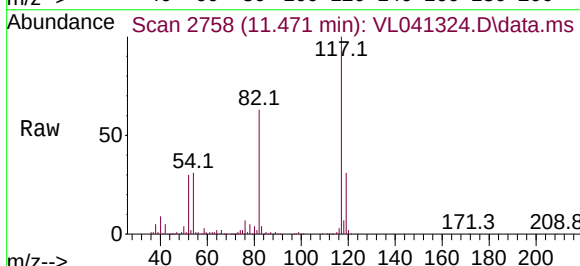
Tgt Ion: 117 Resp: 2177105

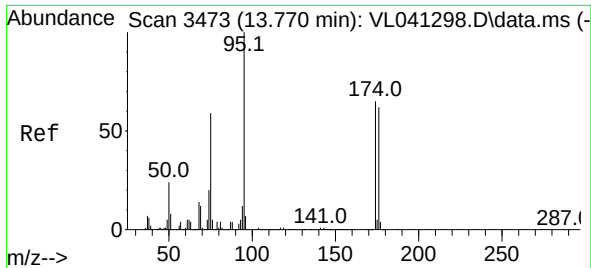
Ion Ratio Lower Upper

117 100

82 66.7 52.3 78.5

119 33.2 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.977 ppbv

RT: 13.777 min Scan# 34

Delta R.T. 0.007 min

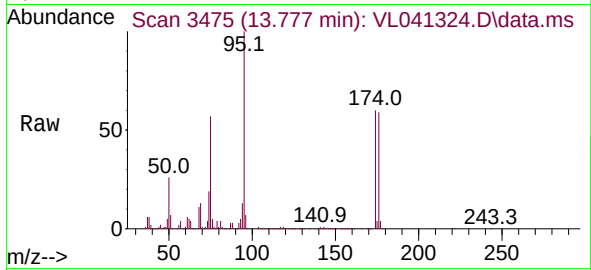
Lab File: VL041324.D

Acq: 5 Jun 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1677050

Ion Ratio Lower Upper

95 100

174 66.4 52.2 78.2

175 4.9 4.1 6.1

