

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039737.D
 Acq On : 18 Oct 2022 10:15
 Operator : SY/AP
 Sample : QC101722 CAN 10306
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101722 CAN 10306

Quant Time: Oct 19 05:10:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

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

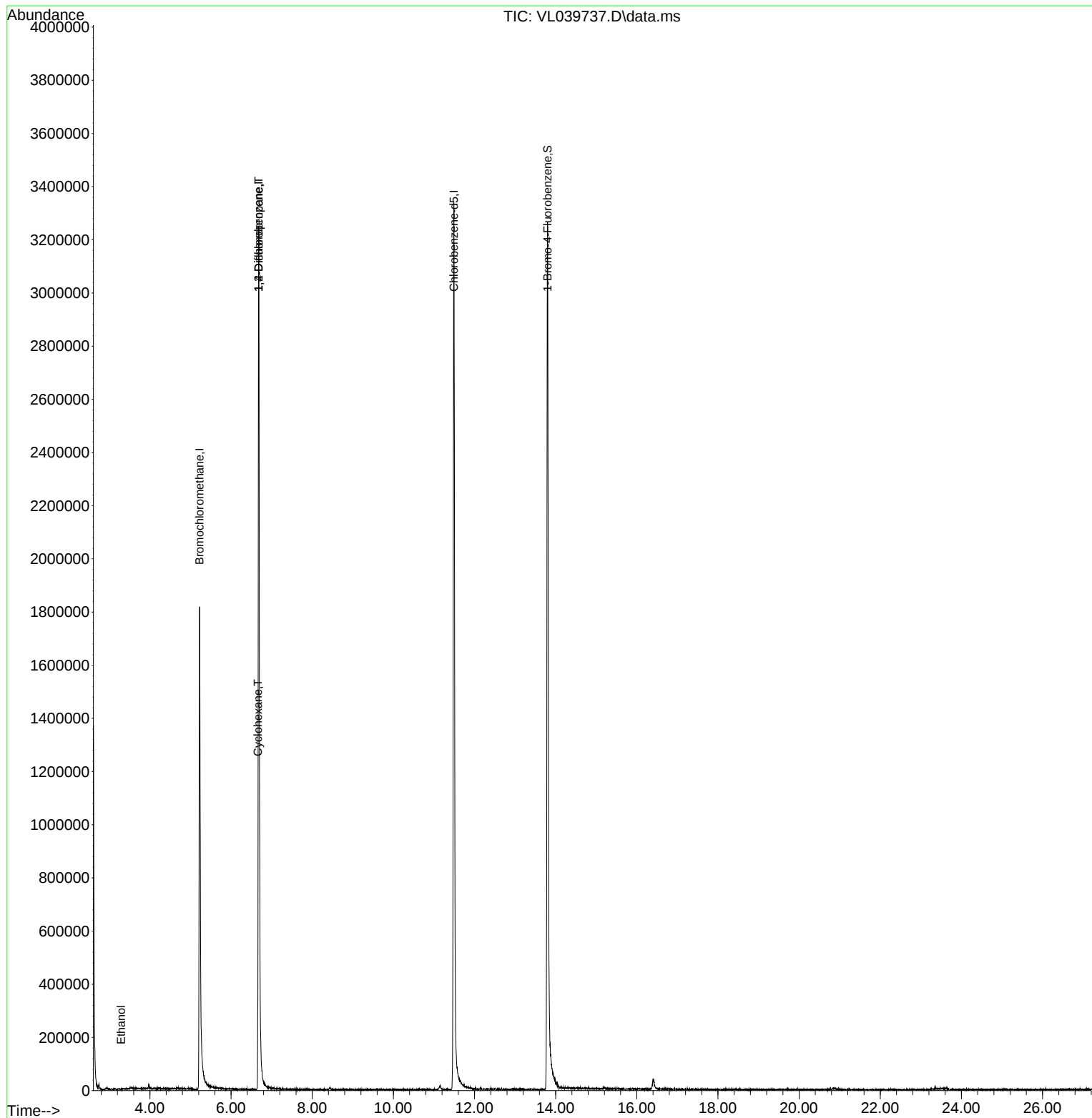
Internal Standards						
1) Bromochloromethane	5.224	49	1010852	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2626158	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2246428	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1606477	9.580	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.288	45	169	0.040	ppbv #	50
30) Cyclohexane	6.664	84	2805	0.035	ppbv #	1
39) 1,2-Dichloropropane	6.681	63	630401	8.131	ppbv #	26

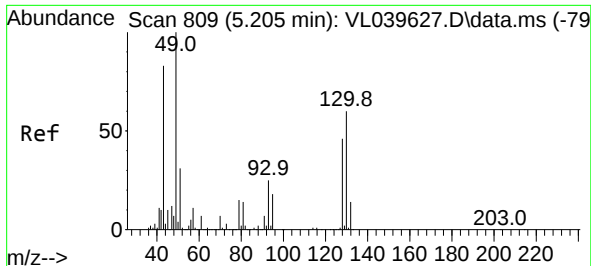
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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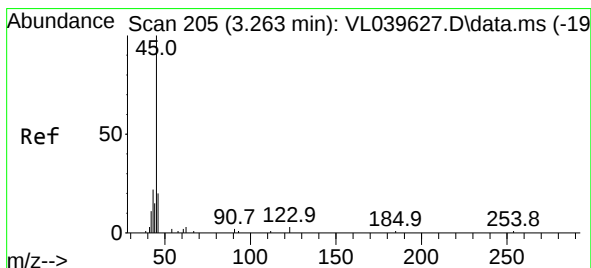
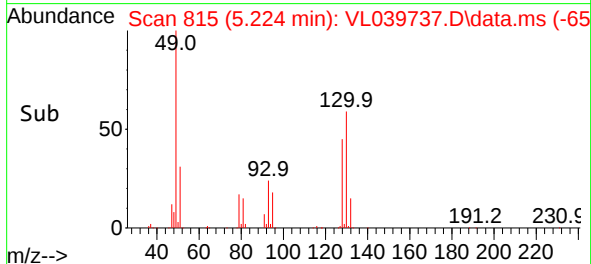
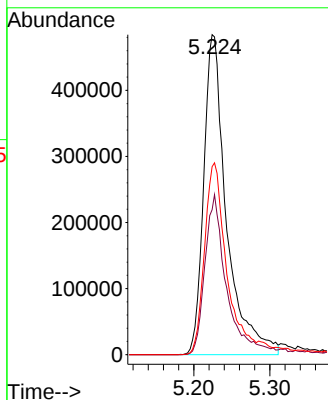
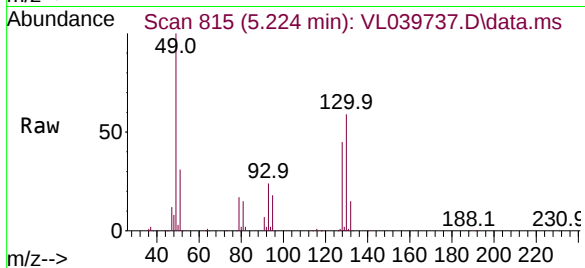




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL039737.D
Acq: 18 Oct 2022 10:15

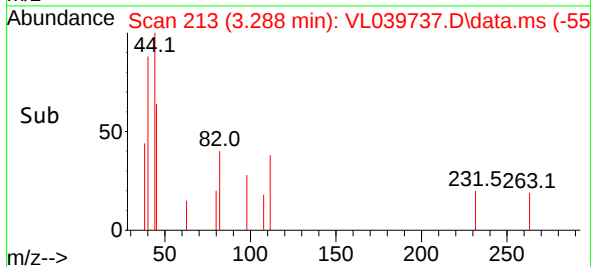
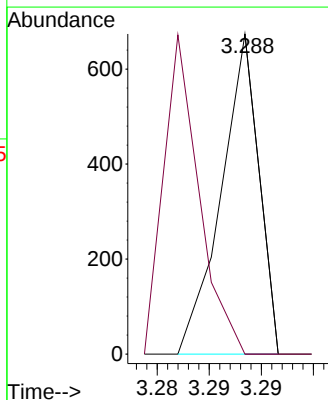
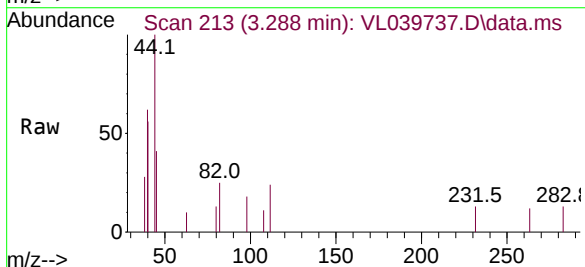
Instrument :
MSVOA_L
ClientSampleId :
QC101722 CAN 10306

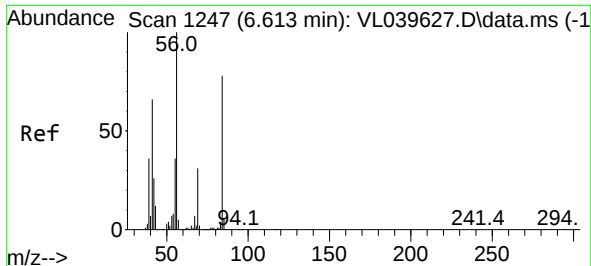
Tgt Ion: 49 Resp: 1010852
Ion Ratio Lower Upper
49 100
128 49.3 26.7 80.0
130 63.9 34.3 102.8



#13
Ethanol
Concen: 0.040 ppbv
RT: 3.288 min Scan# 213
Delta R.T. 0.006 min
Lab File: VL039737.D
Acq: 18 Oct 2022 10:15

Tgt Ion: 45 Resp: 169
Ion Ratio Lower Upper
45 100
46 94.1 22.8 91.2#

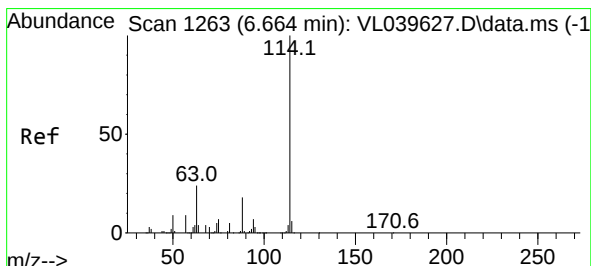
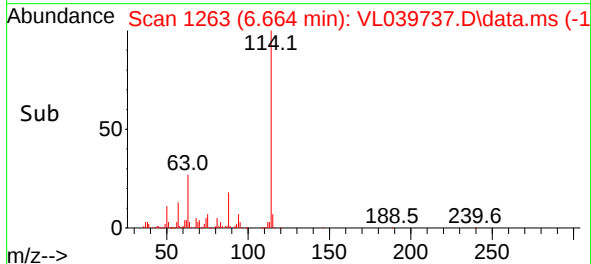
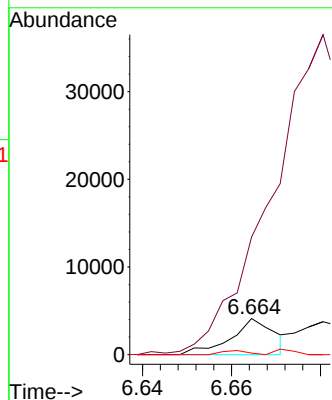
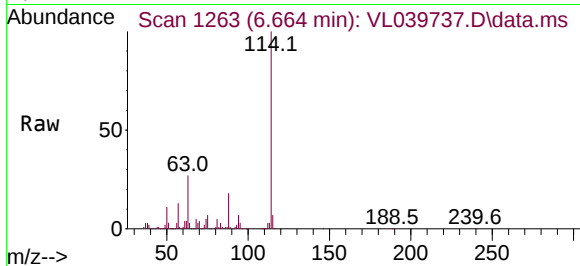




#30
Cyclohexane
Concen: 0.035 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.032 min
Lab File: VL039737.D
Acq: 18 Oct 2022 10:15

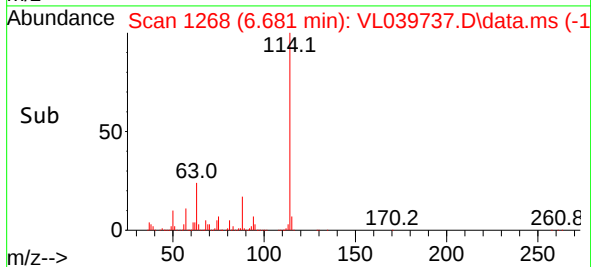
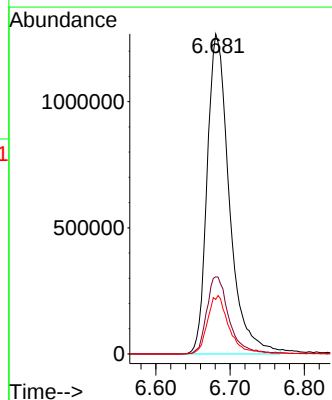
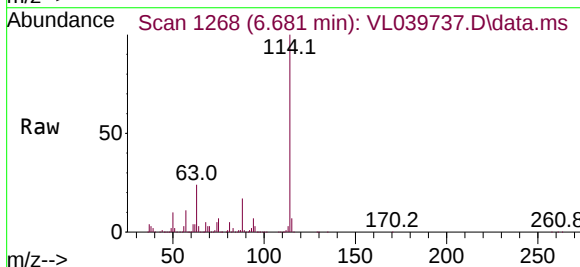
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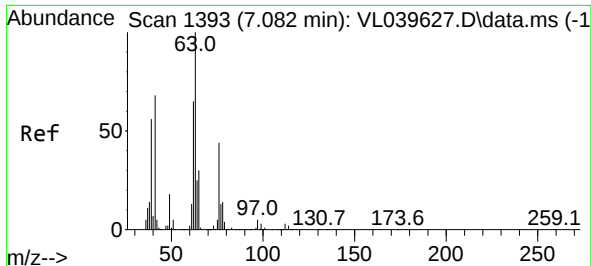
Tgt Ion: 84 Resp: 2805
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 14.0 67.7 101.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VL039737.D
Acq: 18 Oct 2022 10:15

Tgt Ion: 114 Resp: 2626158
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 18.0 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.131 ppbv

RT: 6.681 min Scan# 1

Delta R.T. -0.424 min

Lab File: VL039737.D

Acq: 18 Oct 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

QC101722 CAN 10306

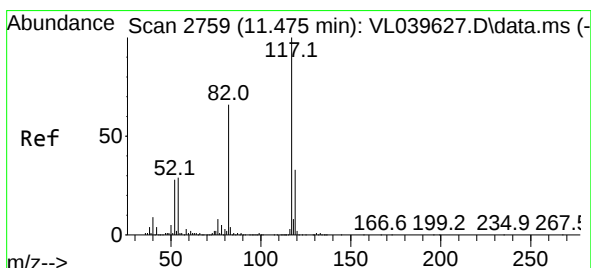
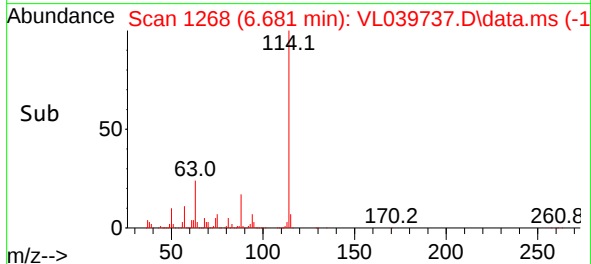
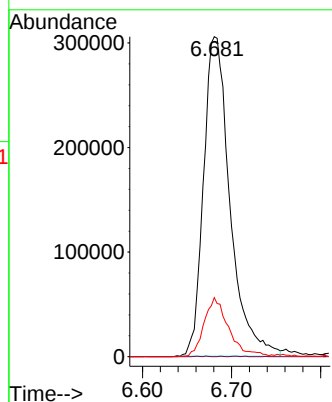
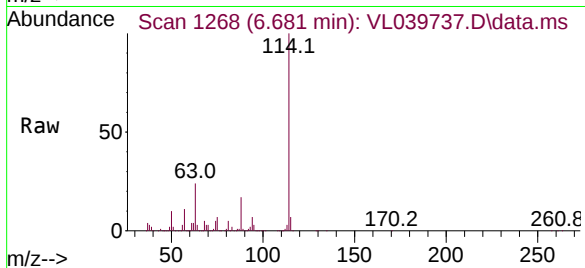
Tgt Ion: 63 Resp: 630401

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 18.4 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2764

Delta R.T. 0.000 min

Lab File: VL039737.D

Acq: 18 Oct 2022 10:15

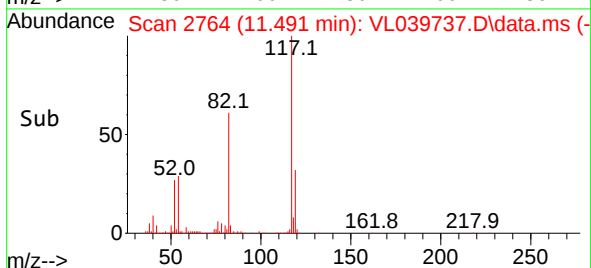
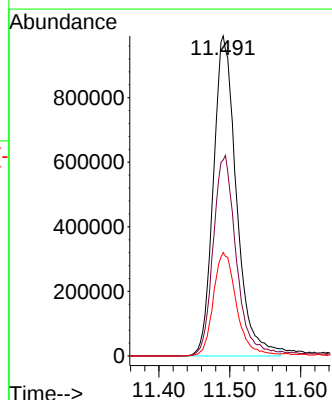
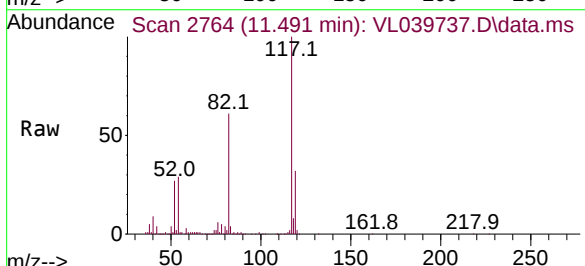
Tgt Ion: 117 Resp: 2246428

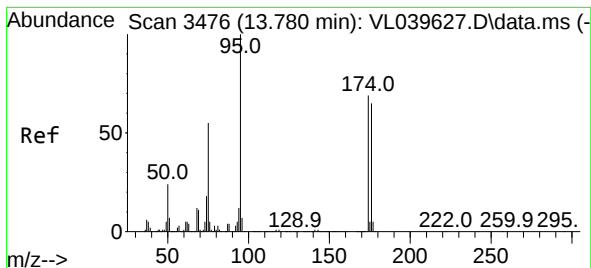
Ion Ratio Lower Upper

117 100

82 64.2 50.8 76.2

119 32.9 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.580 ppbv

RT: 13.802 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL039737.D

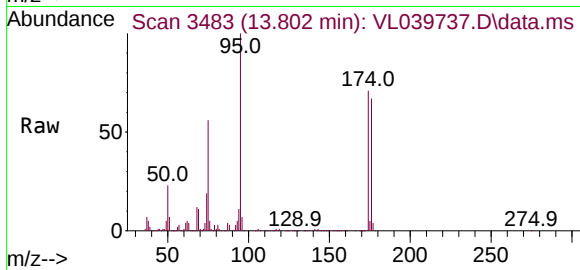
Acq: 18 Oct 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 95 Resp: 1606477

Ion Ratio Lower Upper

95 100

174 73.3 55.9 83.9

175 5.4 4.2 6.4

