

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041162.D
 Acq On : 23 Apr 2024 15:54
 Operator : SY/MD
 Sample : QC042224 CAN 10595
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 24 02:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 2024
 Response via : Initial Calibration

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

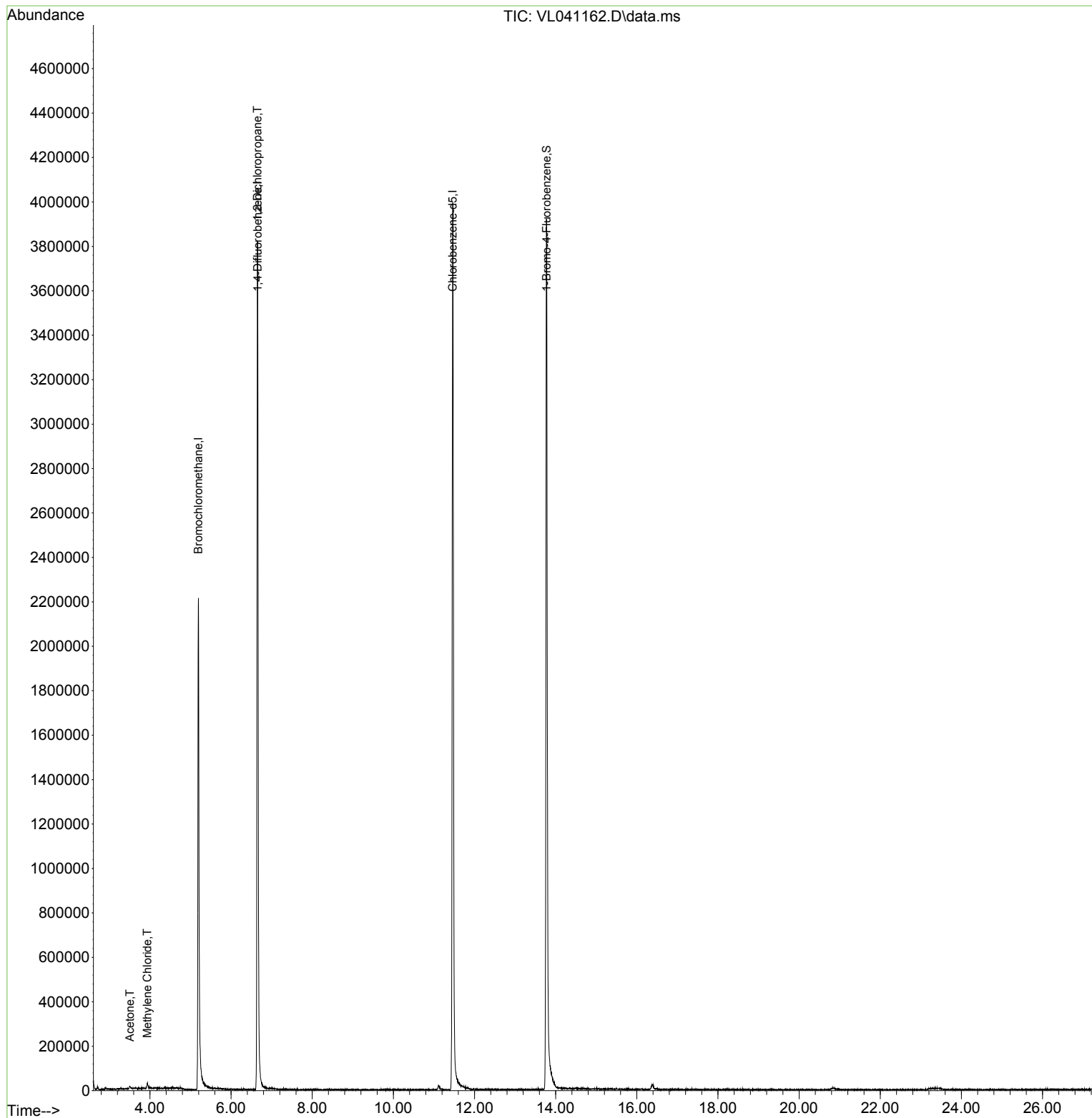
Internal Standards						
1) Bromochloromethane	5.195	49	1156532	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2859807	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2518866	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1970251	9.727	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
15) Acetone	3.504	43	11386	0.091	ppbv #	72
20) Methylene Chloride	3.938	84	5445	0.105	ppbv #	87
39) 1,2-Dichloropropane	6.648	63	740299	8.940	ppbv #	24

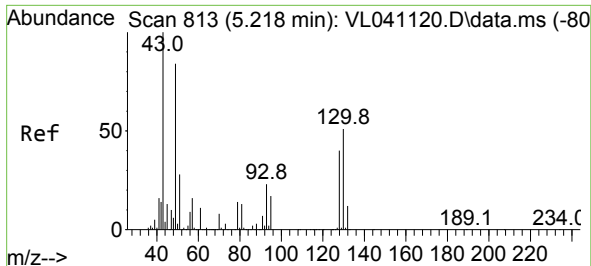
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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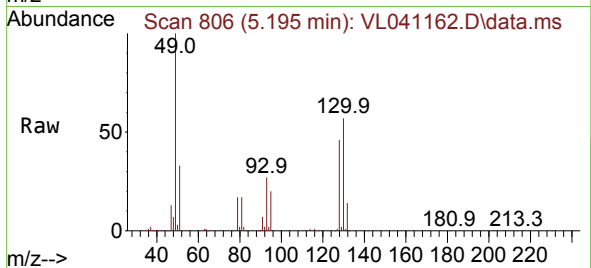
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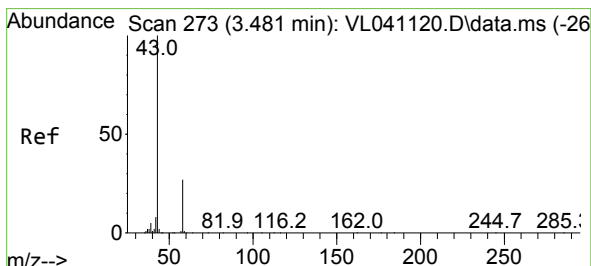
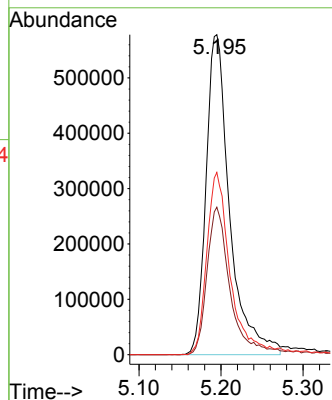
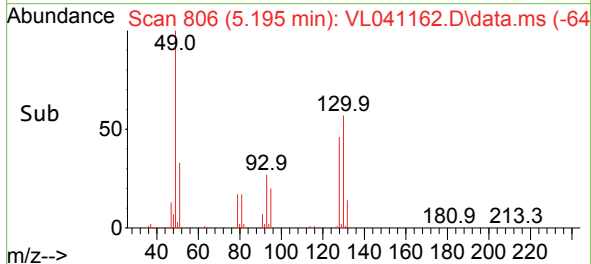


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041162.D
Acq: 23 Apr 2024 15:54

Instrument :
MSVOA_L
ClientSampleId :

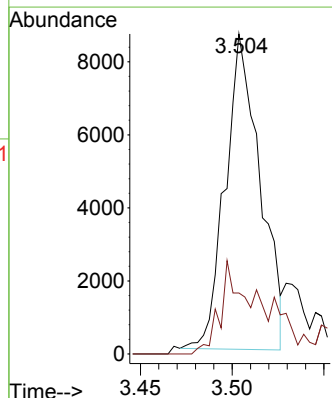
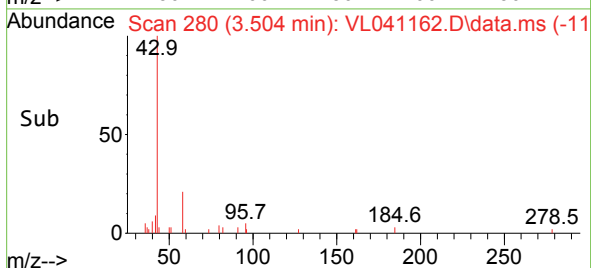
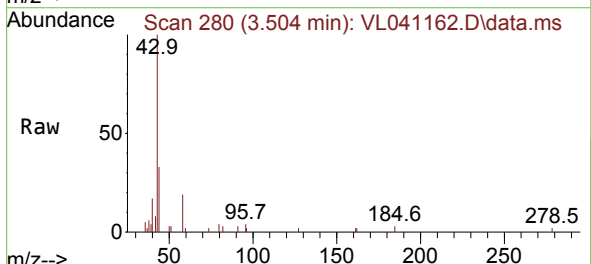


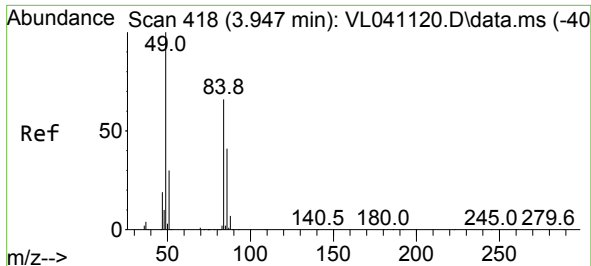
Tgt Ion: 49 Resp: 1156532
Ion Ratio Lower Upper
49 100
128 45.6 23.6 71.0
130 58.7 30.1 90.5



#15
Acetone
Concen: 0.091 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.035 min
Lab File: VL041162.D
Acq: 23 Apr 2024 15:54

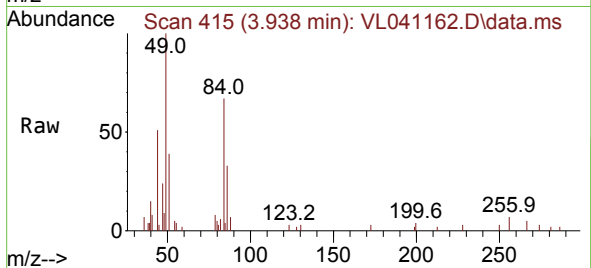
Tgt Ion: 43 Resp: 11386
Ion Ratio Lower Upper
43 100
58 41.0 21.1 31.7#



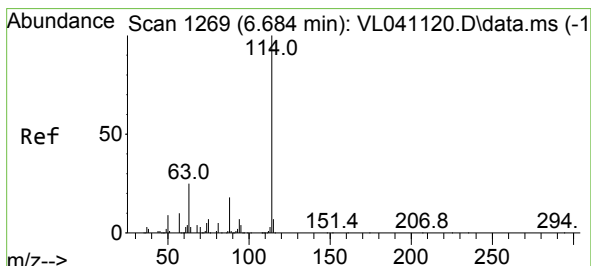
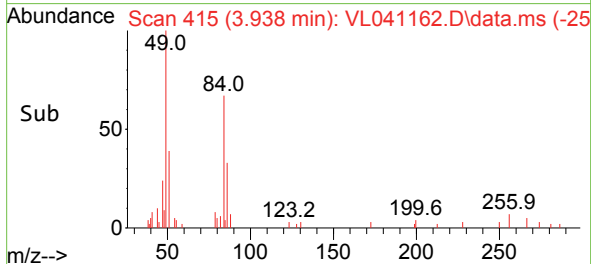
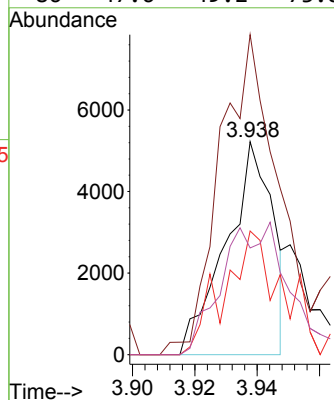


#20
Methylene Chloride
Concen: 0.105 ppbv
RT: 3.938 min Scan# 418
Delta R.T. 0.006 min
Lab File: VL041162.D
Acq: 23 Apr 2024 15:54

Instrument :
MSVOA_L
ClientSampleId :

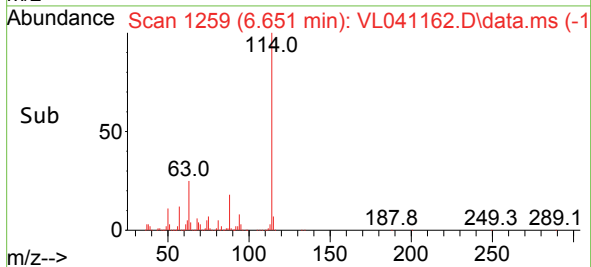
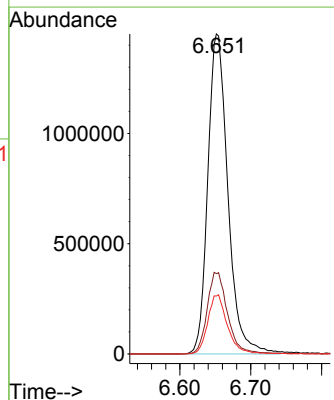
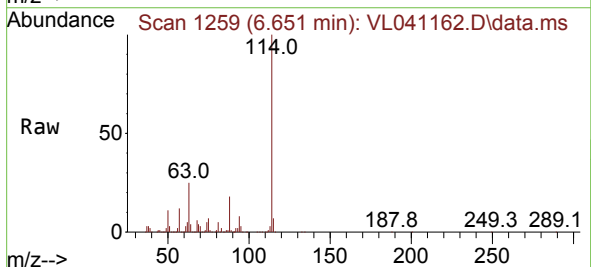


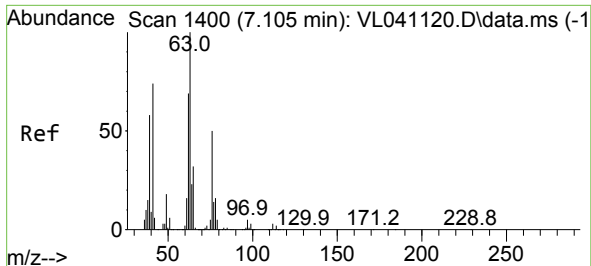
Tgt Ion: 84 Resp: 5445
Ion Ratio Lower Upper
84 100
49 137.1 120.7 181.1
51 55.2 36.6 54.8#
86 47.6 49.2 73.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041162.D
Acq: 23 Apr 2024 15:54

Tgt Ion: 114 Resp: 2859807
Ion Ratio Lower Upper
114 100
63 26.2 20.9 31.3
88 18.1 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.940 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041162.D

Acq: 23 Apr 2024 15:54

Instrument :

MSVOA_L

ClientSampleId :

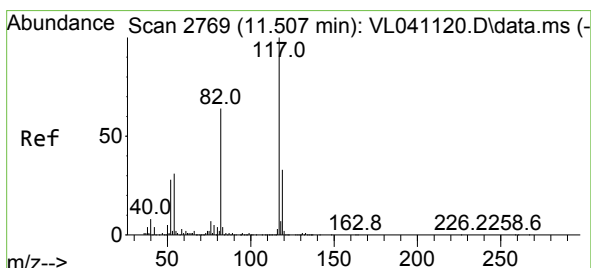
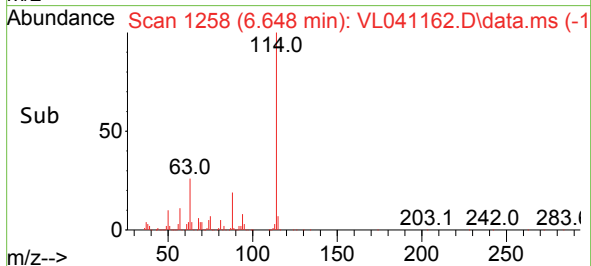
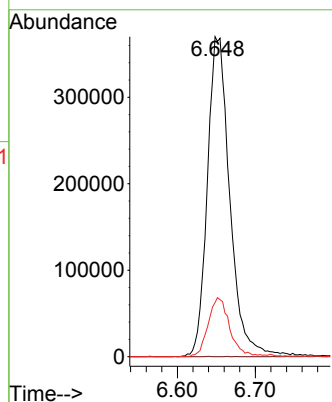
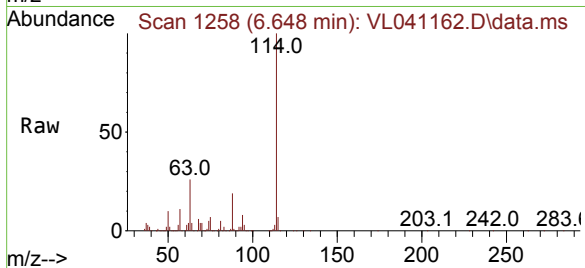
Tgt Ion: 63 Resp: 740299

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

62 16.9 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.009 min

Lab File: VL041162.D

Acq: 23 Apr 2024 15:54

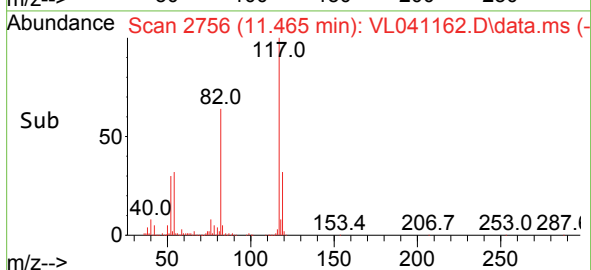
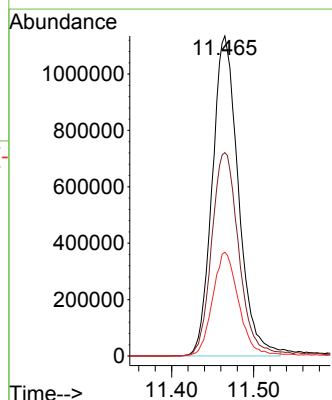
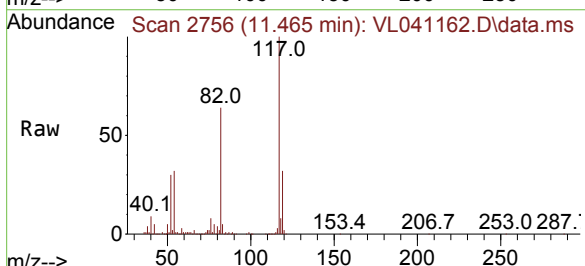
Tgt Ion: 117 Resp: 2518866

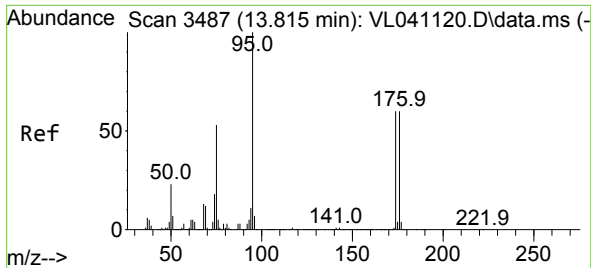
Ion Ratio Lower Upper

117 100

82 67.4 51.0 76.6

119 33.0 25.2 37.8





#68

1-Bromo-4-Fluorobenzene

Concen: 9.727 ppbv

RT: 13.773 min Scan# 34

Delta R.T. 0.009 min

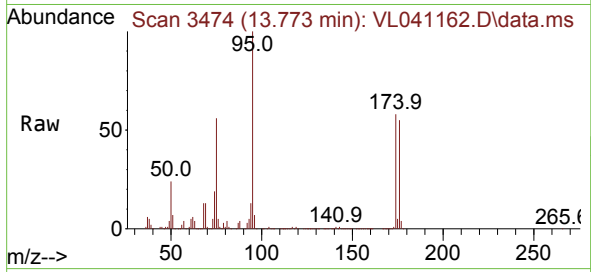
Lab File: VL041162.D

Acq: 23 Apr 2024 15:54

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1970251

Ion Ratio Lower Upper

95 100

174 62.0 49.3 73.9

175 4.7 3.6 5.4

