

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040730.D
 Acq On : 27 Sep 2023 16:55
 Operator : SY/MD
 Sample : QC091923 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 28 01:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

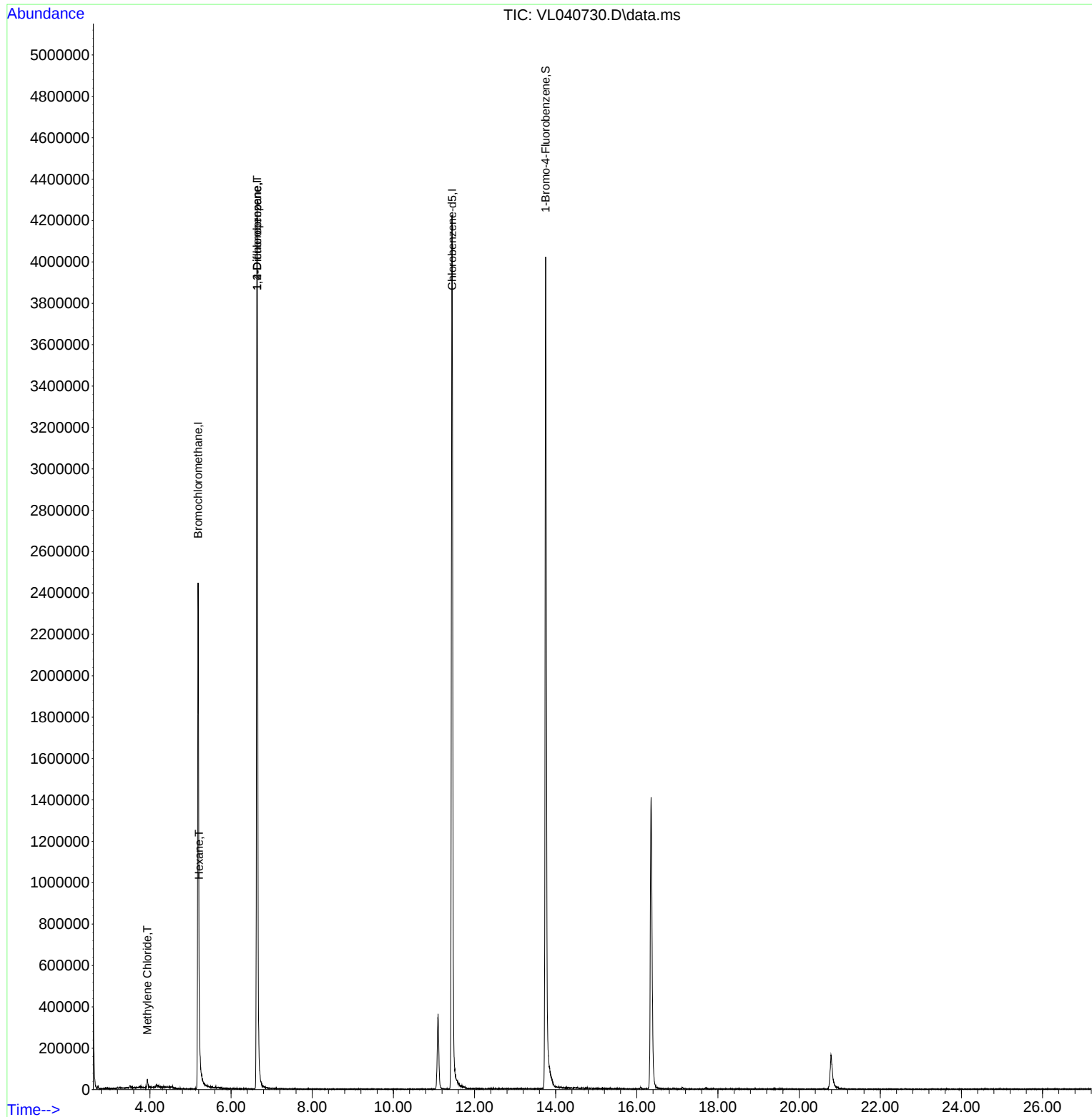
Internal Standards						
1) Bromochloromethane	5.189	49	1257972	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3521454	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2945584	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086030	9.166	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.935	84	8397	0.094	ppbv #	86
26) Hexane	5.208	57	3844	0.030	ppbv #	45
39) 1,2-Dichloropropane	6.642	63	818232	8.152	ppbv #	23

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

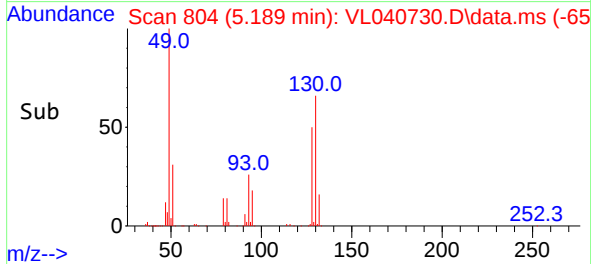
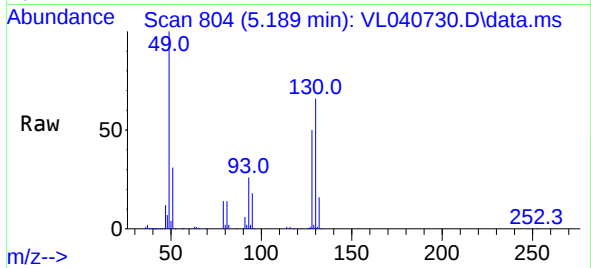
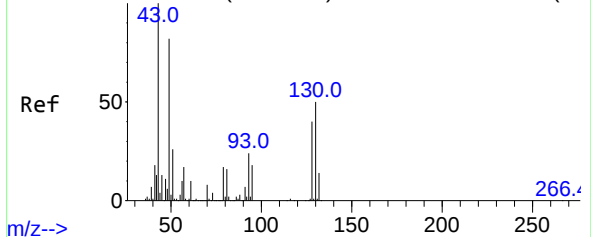
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Abundance Scan 803 (5.185 min): VL040683.D\data.ms (-78



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 803

Delta R.T. -0.009 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

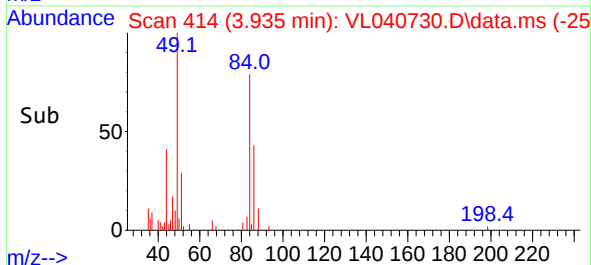
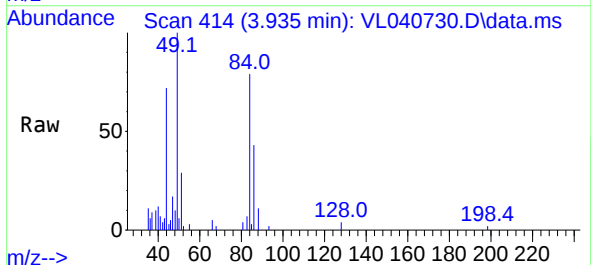
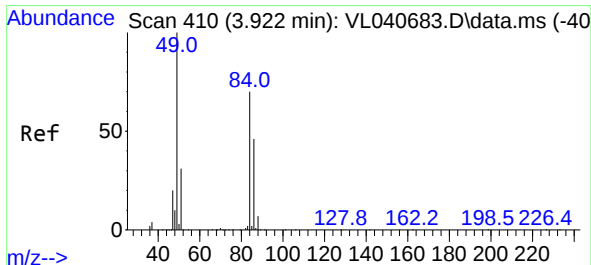
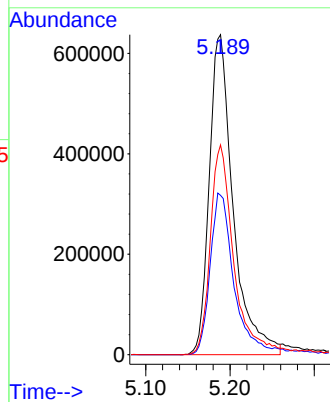
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 49 Resp: 1257972

Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.4	76.0
130	67.2	32.3	96.8



#20

Methylene Chloride

Concen: 0.094 ppbv

RT: 3.935 min Scan# 414

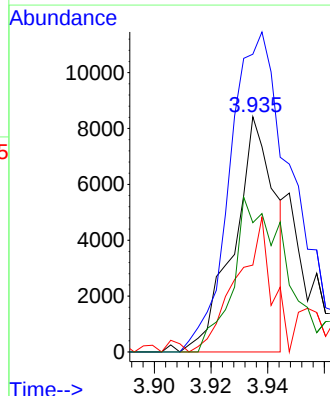
Delta R.T. -0.003 min

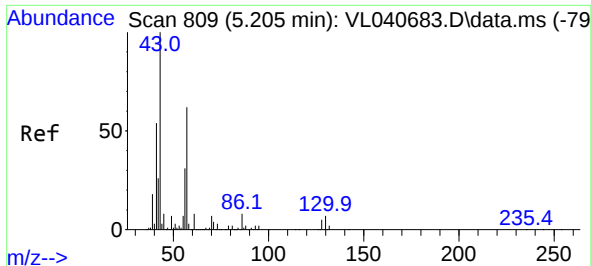
Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Tgt Ion: 84 Resp: 8397

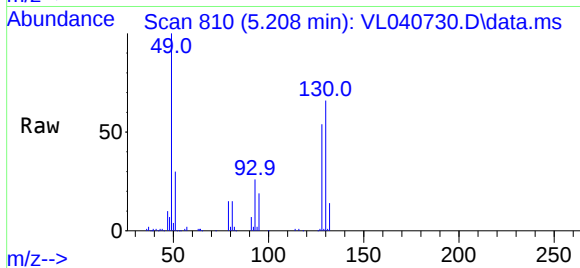
Ion	Ratio	Lower	Upper
84	100		
49	126.6	114.4	171.6
51	33.5	35.5	53.3
86	55.0	53.2	79.8





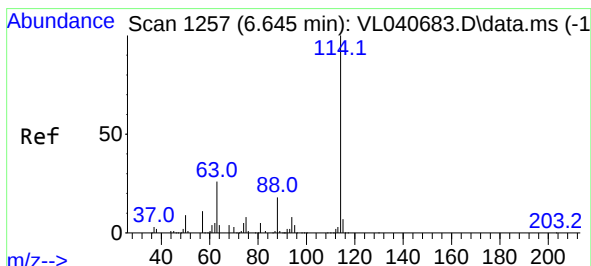
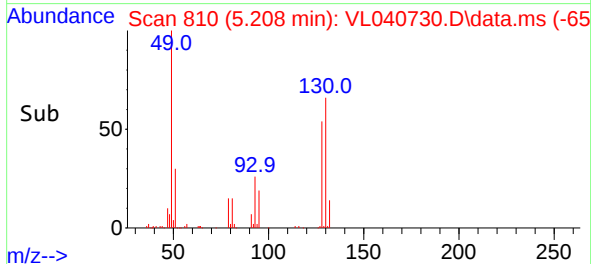
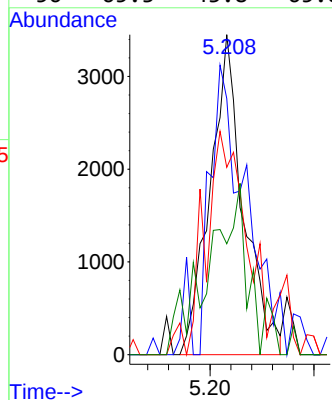
#26
Hexane
Concen: 0.030 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 3844

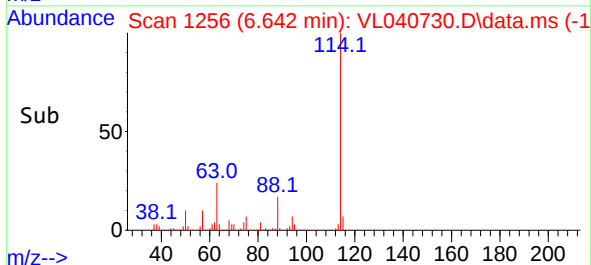
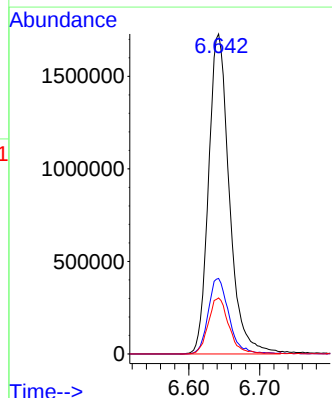
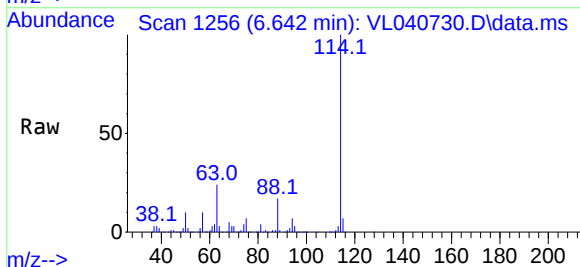
Ion	Ratio	Lower	Upper
57	100		
41	110.6	75.2	112.8
43	98.6	185.6	278.4#
56	65.3	43.8	65.8

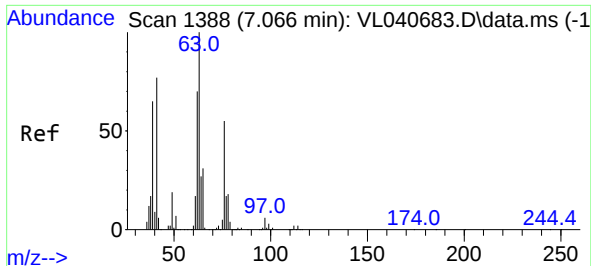


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Tgt Ion: 114 Resp: 3521454

Ion	Ratio	Lower	Upper
114	100		
63	23.7	21.1	31.7
88	17.7	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.152 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.440 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Instrument :

MSVOA_L

ClientSampleId :

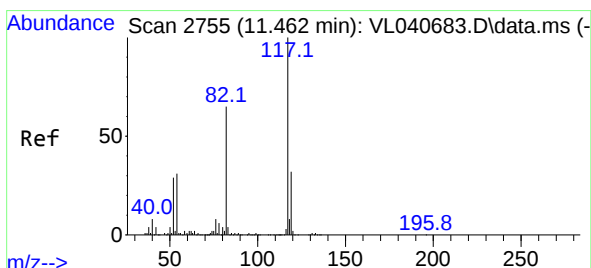
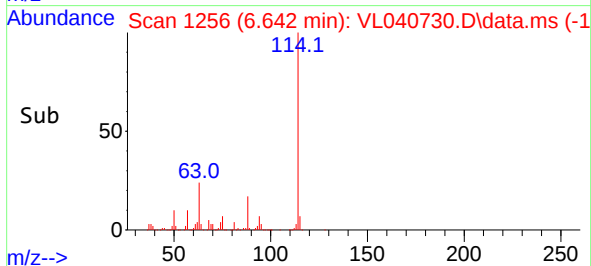
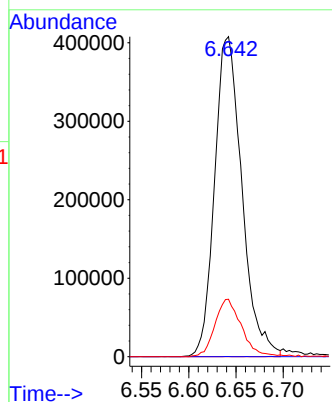
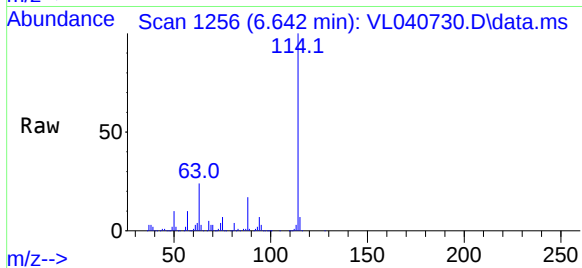
Tgt Ion: 63 Resp: 818232

Ion Ratio Lower Upper

63 100

41 0.1 61.6 92.4#

62 17.9 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.029 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

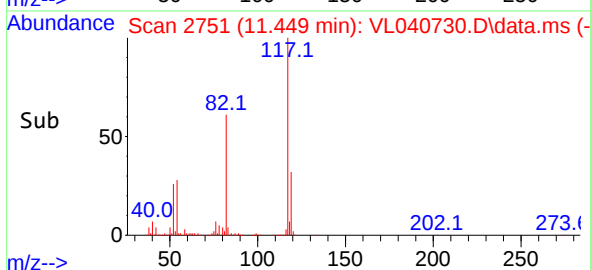
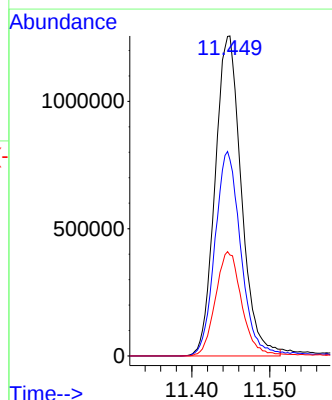
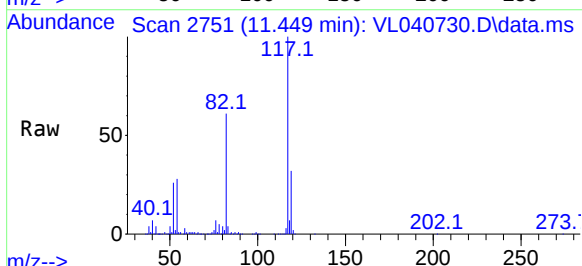
Tgt Ion: 117 Resp: 2945584

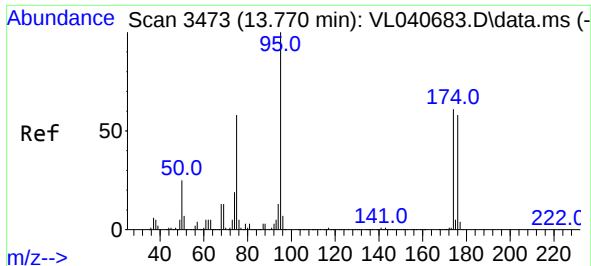
Ion Ratio Lower Upper

117 100

82 64.2 51.4 77.0

119 33.2 24.7 37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.166 ppbv

RT: 13.754 min Scan# 34

Delta R.T. -0.032 min

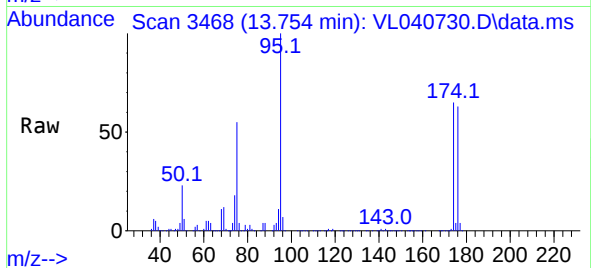
Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 2086030

Ion Ratio Lower Upper

95 100

174 69.3 48.9 73.3

175 4.6 3.5 5.3

