

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040866.D
 Acq On : 15 Nov 2023 11:56
 Operator : SY/MD
 Sample : VL1115ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1115ABL01

Quant Time: Nov 16 05:51:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

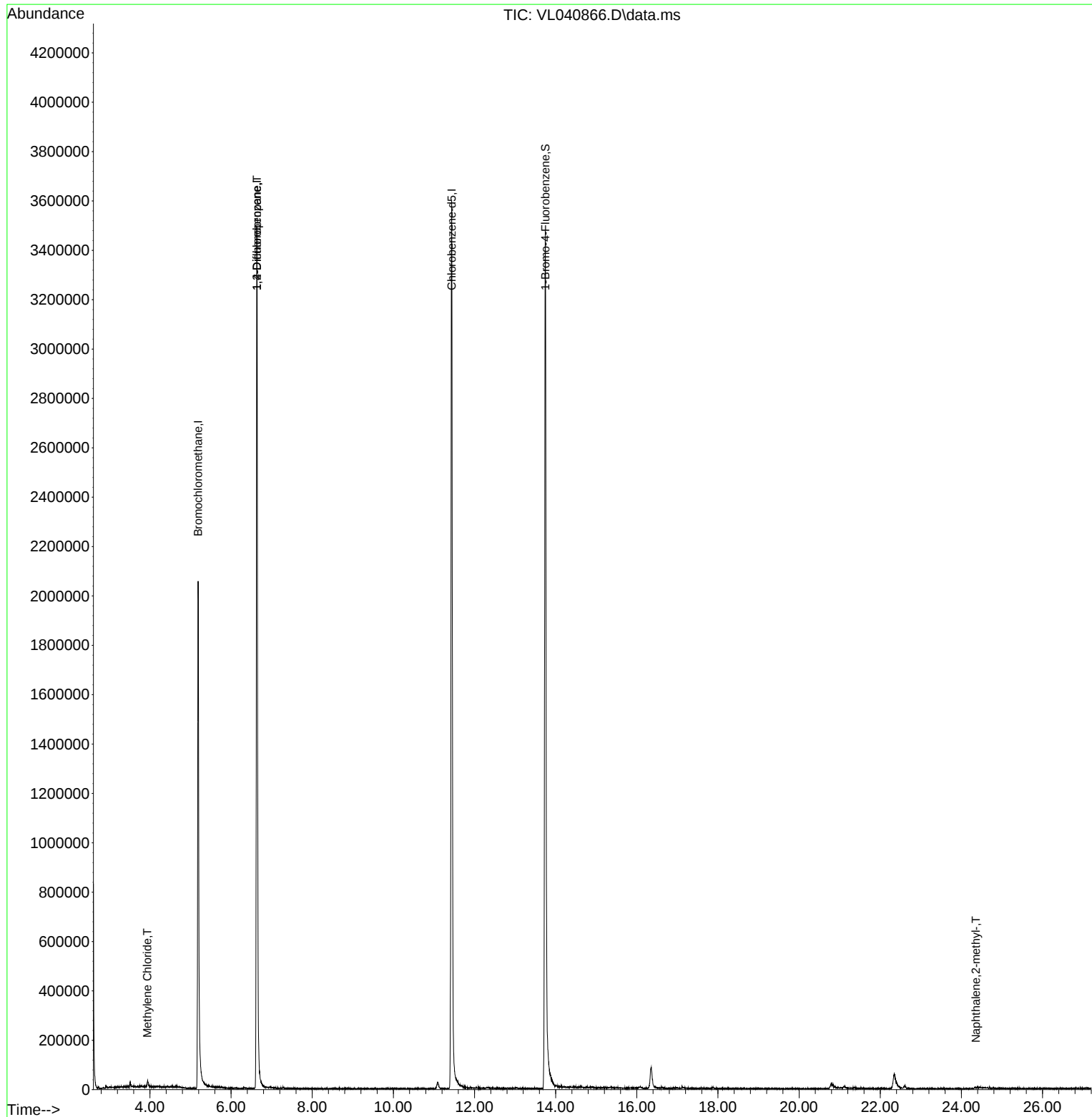
Internal Standards						
1) Bromochloromethane	5.188	49	1066720	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	2735887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2411735	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1872223	9.915	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.934	84	2867	0.061	ppbv #	80
39) 1,2-Dichloropropane	6.639	63	689143	7.828	ppbv #	23
80) Naphthalene,2-methyl-	24.358	142	4618	0.184	ppbv	90

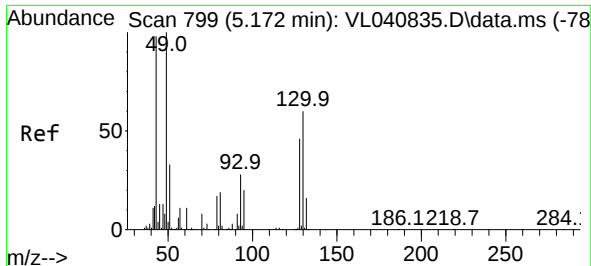
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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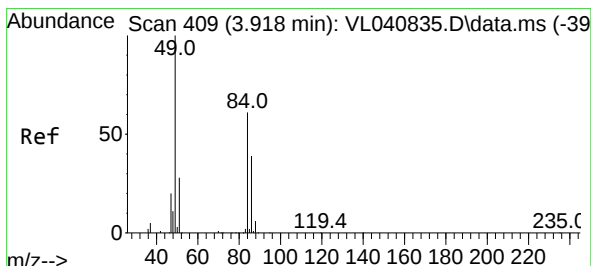
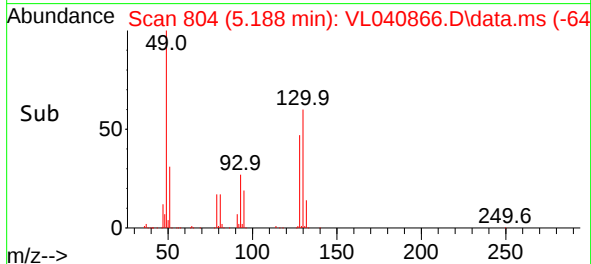
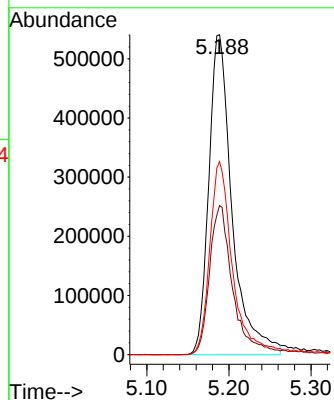
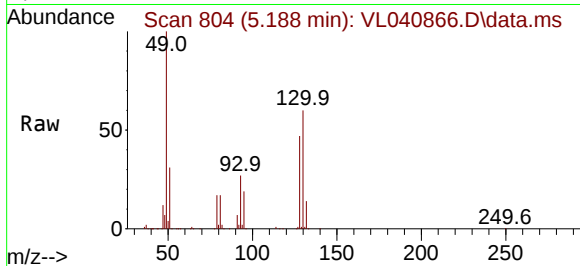




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL040866.D
Acq: 15 Nov 2023 11:56

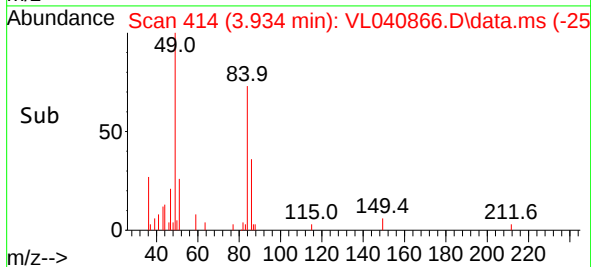
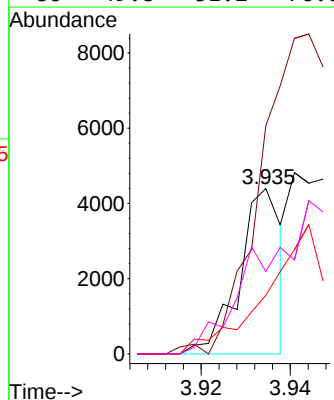
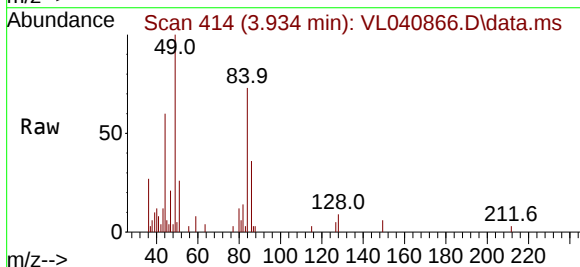
Instrument :
MSVOA_L
ClientSampleId :
VL1115ABL01

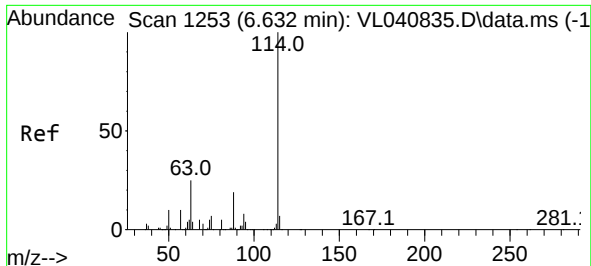
Tgt Ion: 49 Resp: 1066720
Ion Ratio Lower Upper
49 100
128 48.7 23.8 71.2
130 60.8 30.9 92.8



#20
Methylene Chloride
Concen: 0.061 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.016 min
Lab File: VL040866.D
Acq: 15 Nov 2023 11:56

Tgt Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
49 133.6 131.0 196.4
51 35.4 36.9 55.3#
86 49.8 51.2 76.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040866.D

Acq: 15 Nov 2023 11:56

Instrument :

MSVOA_L

ClientSampleId :

VL1115ABL01

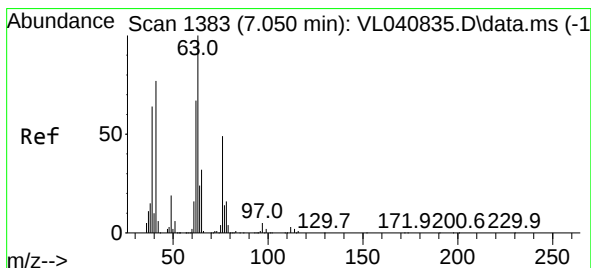
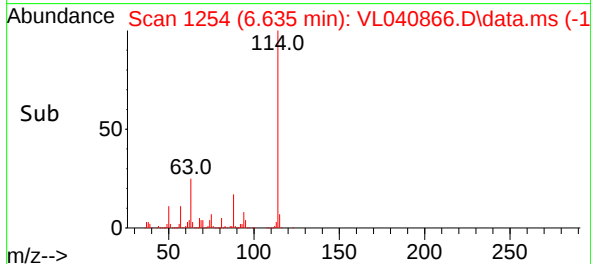
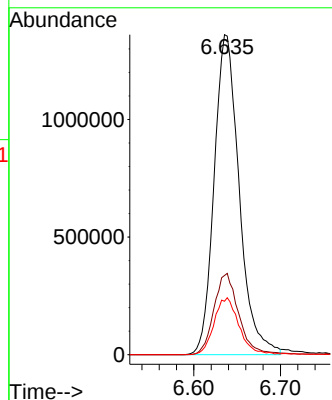
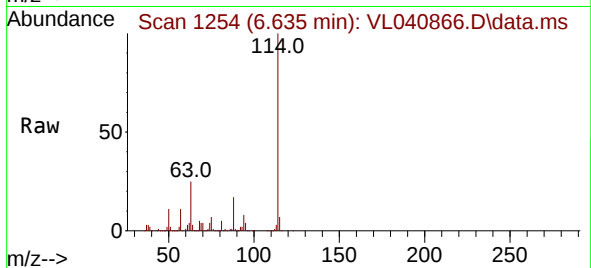
Tgt Ion:114 Resp: 2735887

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.828 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.412 min

Lab File: VL040866.D

Acq: 15 Nov 2023 11:56

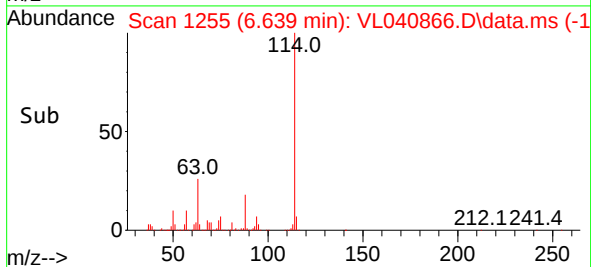
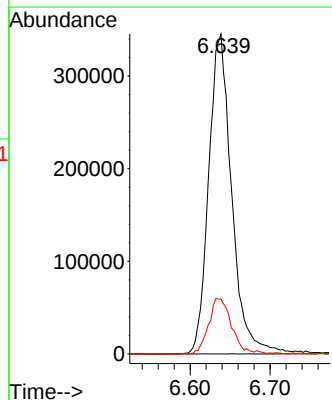
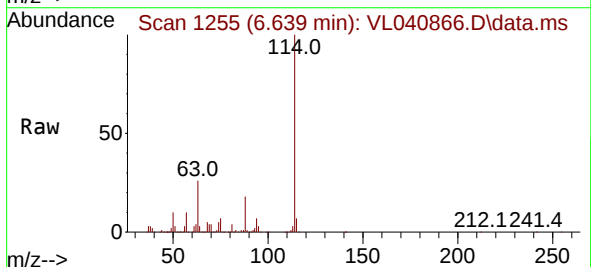
Tgt Ion: 63 Resp: 689143

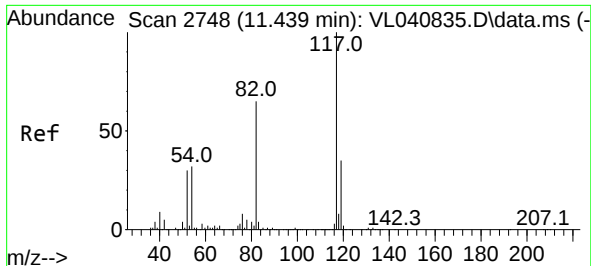
Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

62 17.1 53.9 80.9#

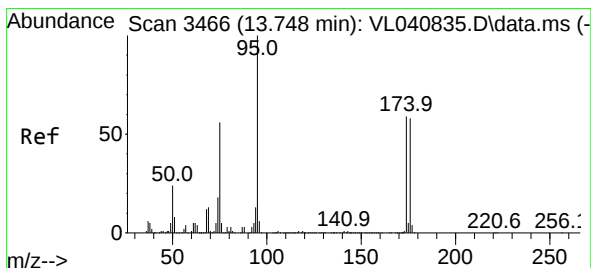
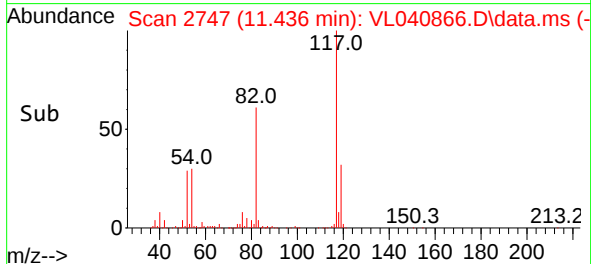
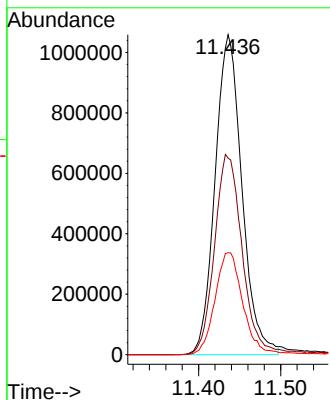
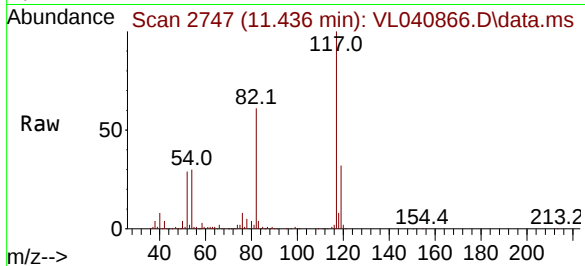




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040866.D
Acq: 15 Nov 2023 11:56

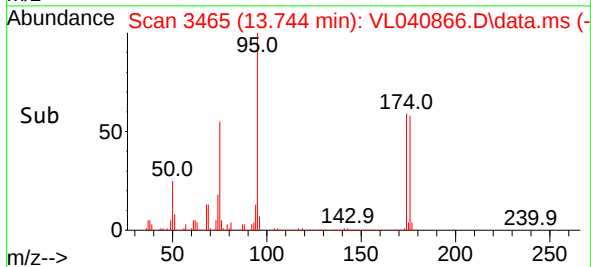
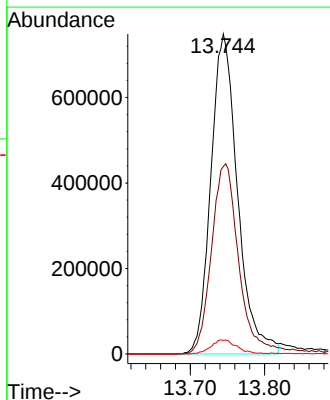
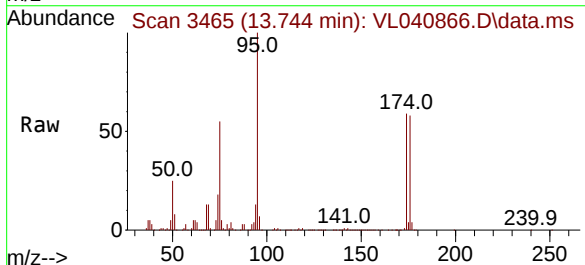
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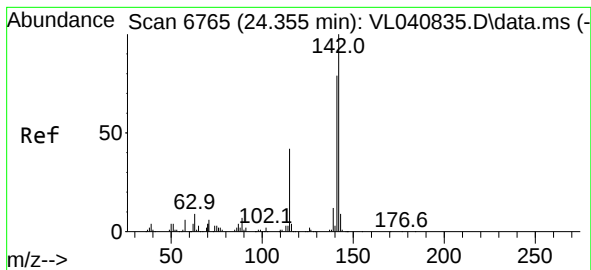
Tgt Ion:117 Resp: 2411735
Ion Ratio Lower Upper
117 100
82 66.3 50.6 75.8
119 33.9 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.915 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040866.D
Acq: 15 Nov 2023 11:56

Tgt Ion: 95 Resp: 1872223
Ion Ratio Lower Upper
95 100
174 62.2 47.5 71.3
175 4.5 3.6 5.4





#80

Naphthalene, 2-methyl-

Concen: 0.184 ppbv

RT: 24.358 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL040866.D

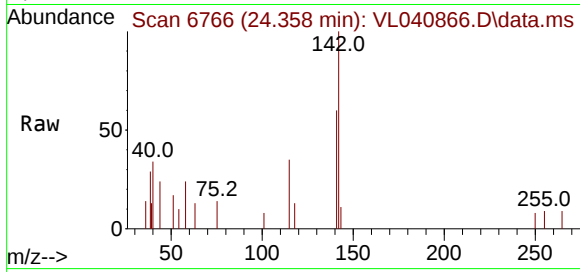
Acq: 15 Nov 2023 11:56

Instrument :

MSVOA_L

ClientSampleId :

VL1115ABL01



Tgt Ion: 142 Resp: 4618

Ion Ratio Lower Upper

142 100

141 72.5 65.8 98.8

115 49.6 35.6 53.4

