

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041105.D
 Acq On : 14 Mar 2024 13:07
 Operator : SY/MD
 Sample : VL0314ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABL01

Quant Time: Mar 15 02:46:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

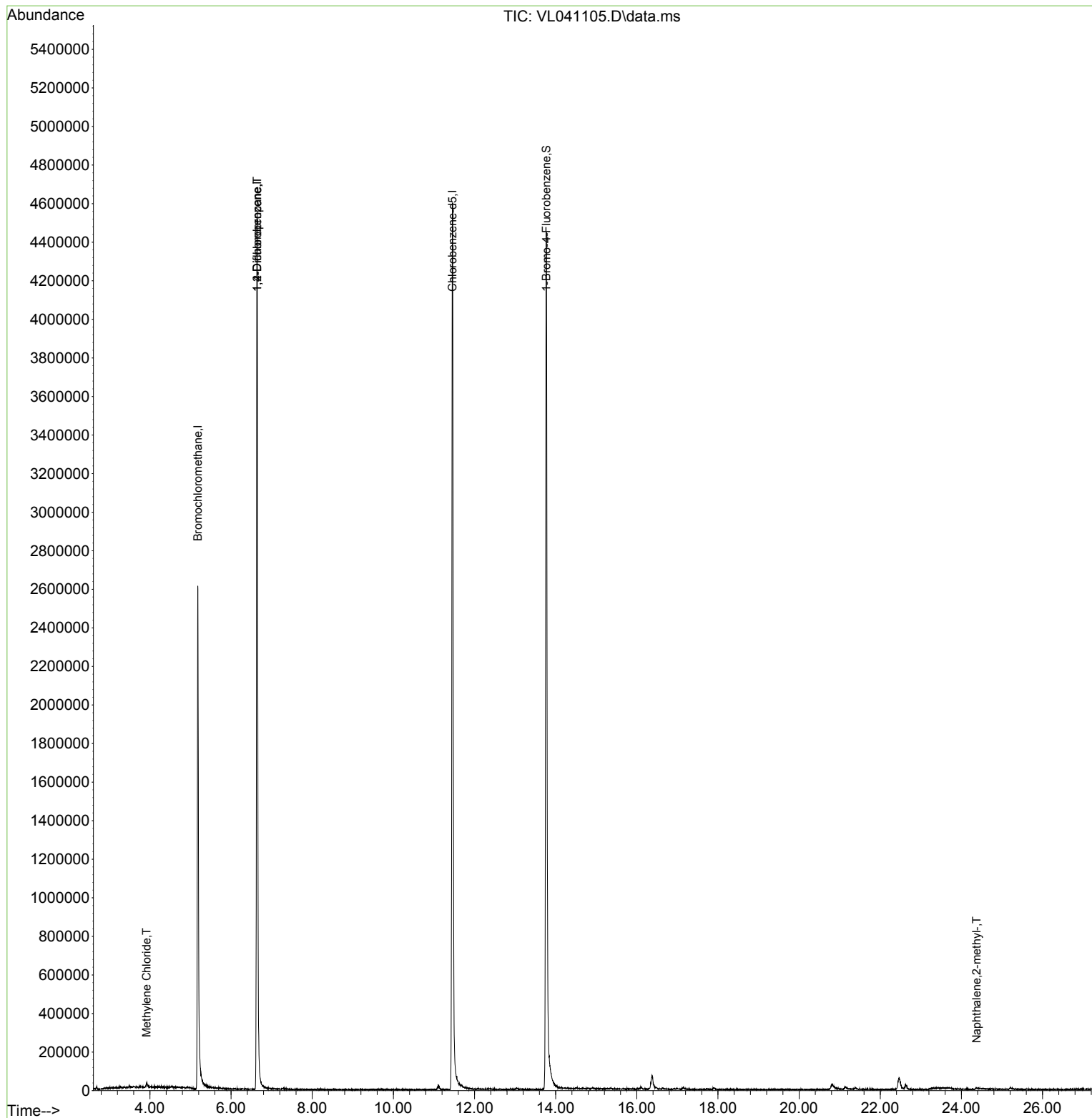
Internal Standards						
1) Bromochloromethane	5.179	49	1329734	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3584753	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3056232	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2422105	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.922	84	6234	0.106	ppbv #	82
39) 1,2-Dichloropropane	6.642	63	874385	8.192	ppbv #	22
80) Naphthalene,2-methyl-	24.374	142	4778	0.155	ppbv	98

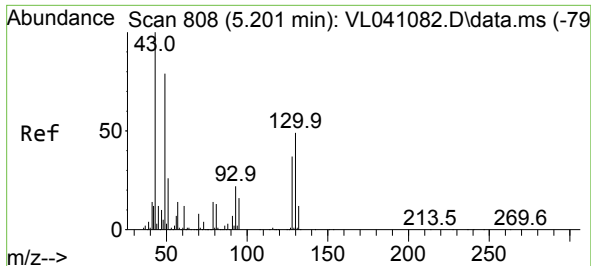
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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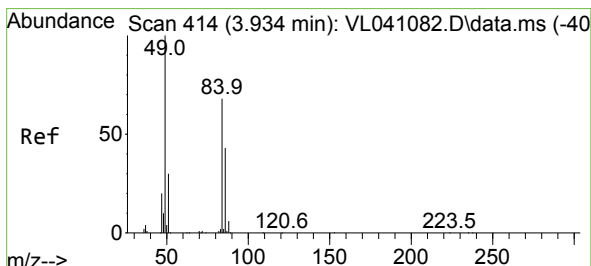
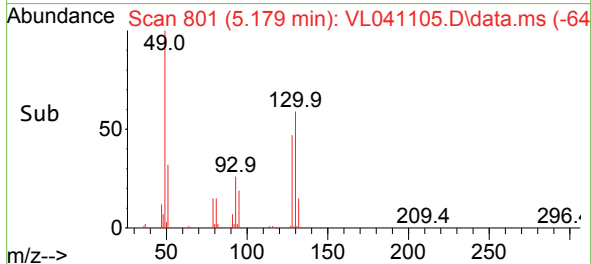
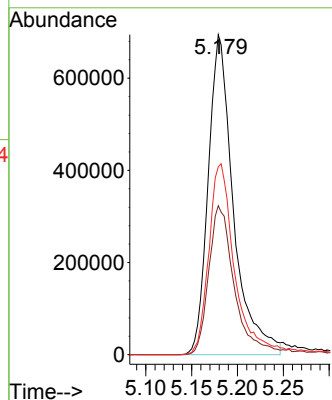
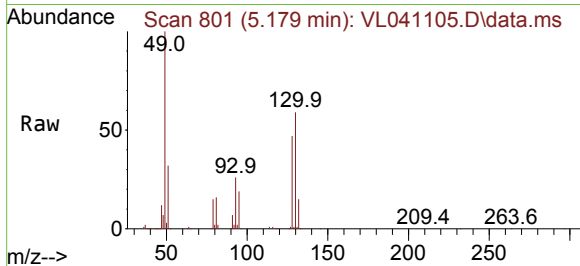




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041105.D
Acq: 14 Mar 2024 13:07

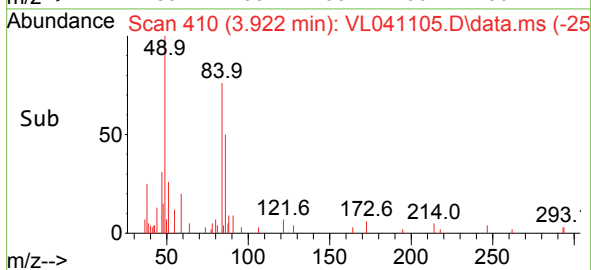
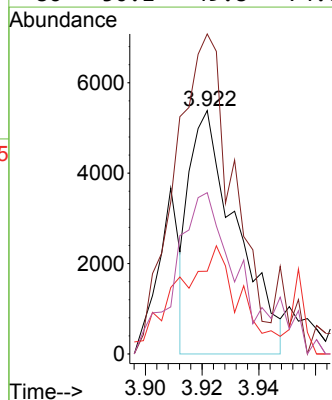
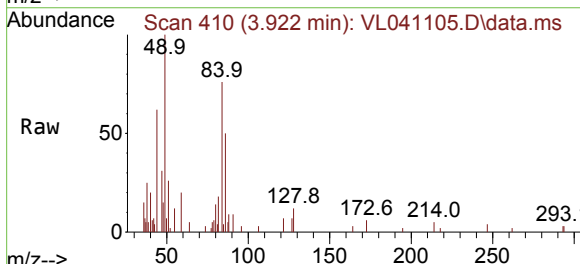
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABL01

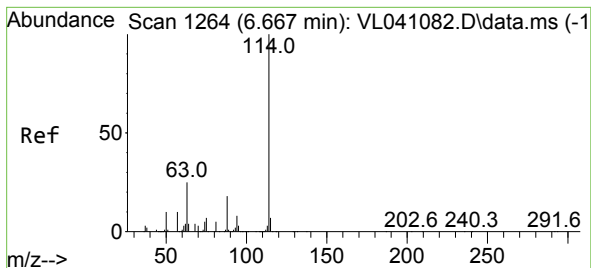
Tgt Ion: 49 Resp: 1329734
Ion Ratio Lower Upper
49 100
128 49.6 23.8 71.5
130 63.9 30.3 90.9



#20
Methylene Chloride
Concen: 0.106 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL041105.D
Acq: 14 Mar 2024 13:07

Tgt Ion: 84 Resp: 6234
Ion Ratio Lower Upper
84 100
49 123.0 117.0 175.6
51 31.2 34.9 52.3#
86 50.1 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.000 min

Lab File: VL041105.D

Acq: 14 Mar 2024 13:07

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABL01

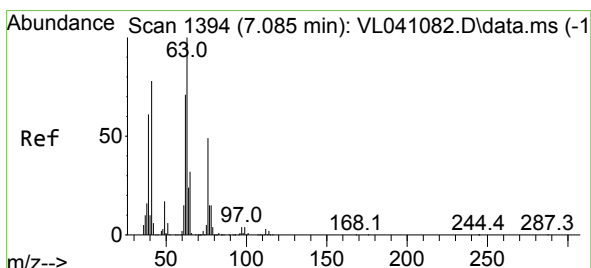
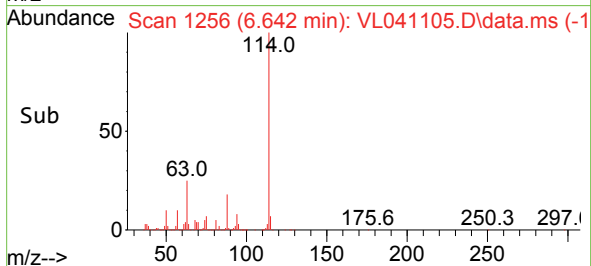
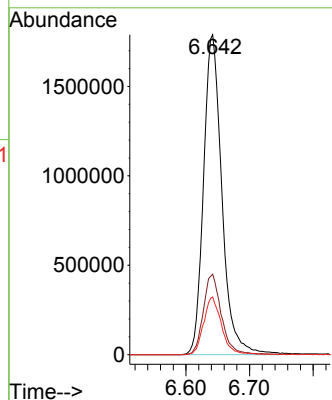
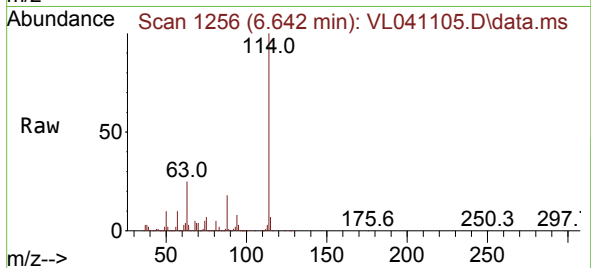
Tgt Ion:114 Resp: 3584753

Ion Ratio Lower Upper

114 100

63 24.9 21.0 31.6

88 17.7 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.192 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.421 min

Lab File: VL041105.D

Acq: 14 Mar 2024 13:07

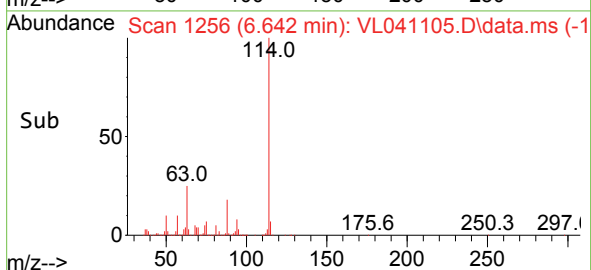
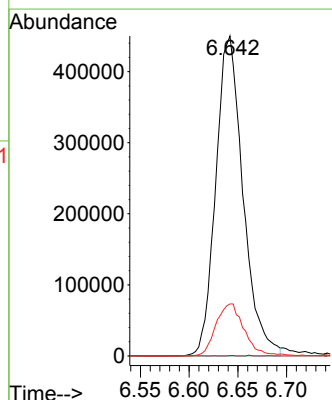
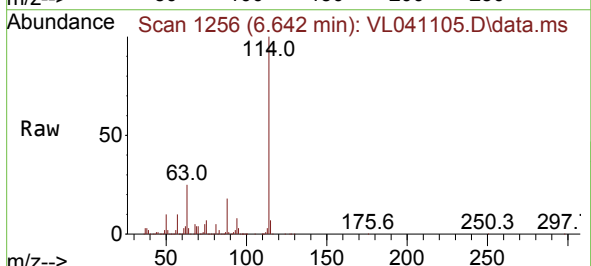
Tgt Ion: 63 Resp: 874385

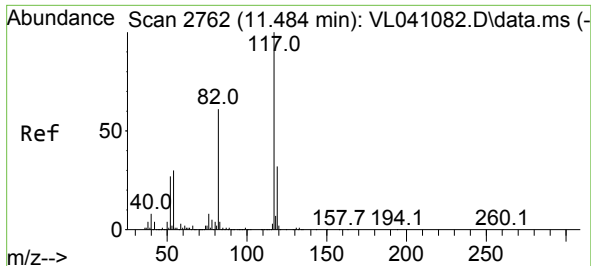
Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 16.3 57.0 85.4#

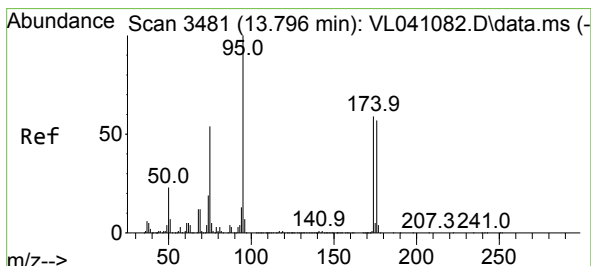
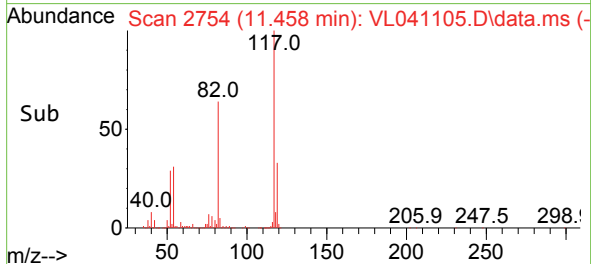
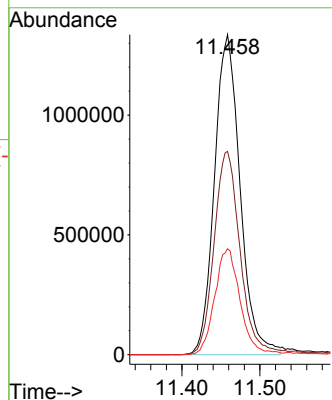
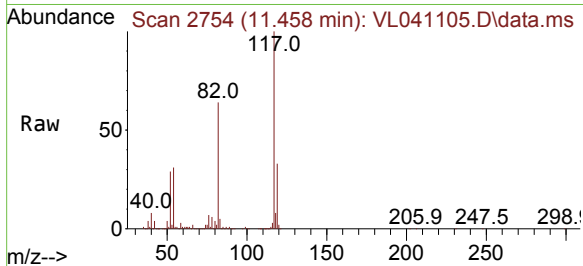




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041105.D
Acq: 14 Mar 2024 13:07

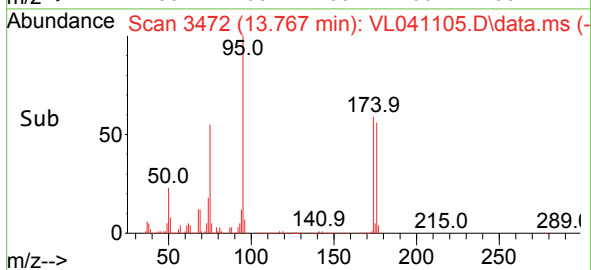
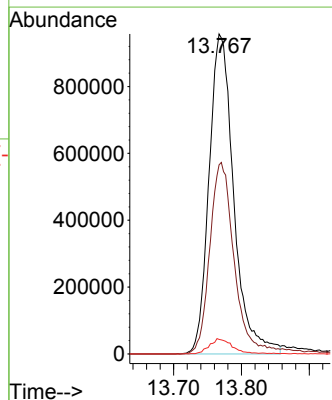
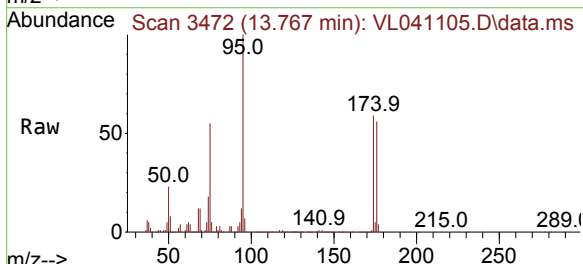
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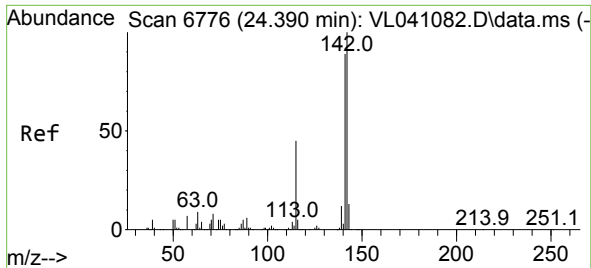
Tgt Ion:117 Resp: 3056232
Ion Ratio Lower Upper
117 100
82 65.2 51.4 77.2
119 33.7 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.136 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.003 min
Lab File: VL041105.D
Acq: 14 Mar 2024 13:07

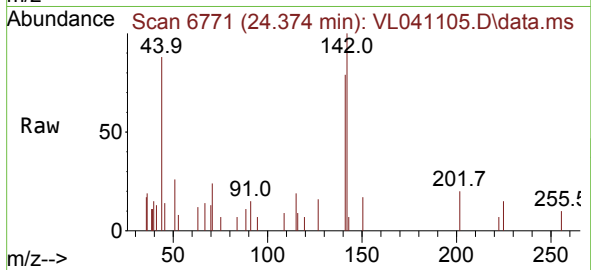
Tgt Ion: 95 Resp: 2422105
Ion Ratio Lower Upper
95 100
174 61.3 47.8 71.8
175 4.6 3.5 5.3





#80
Naphthalene, 2-methyl-
Concen: 0.155 ppbv
RT: 24.374 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041105.D
Acq: 14 Mar 2024 13:07

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABL01



Tgt Ion:	142	Resp:	4778
Ion	Ratio	Lower	Upper
142	100		
141	76.9	61.3	91.9
115	48.2	35.4	53.2

