

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040129.D
 Acq On : 30 Jan 2023 12:34
 Operator : SY/MD
 Sample : VL0130ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:11:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

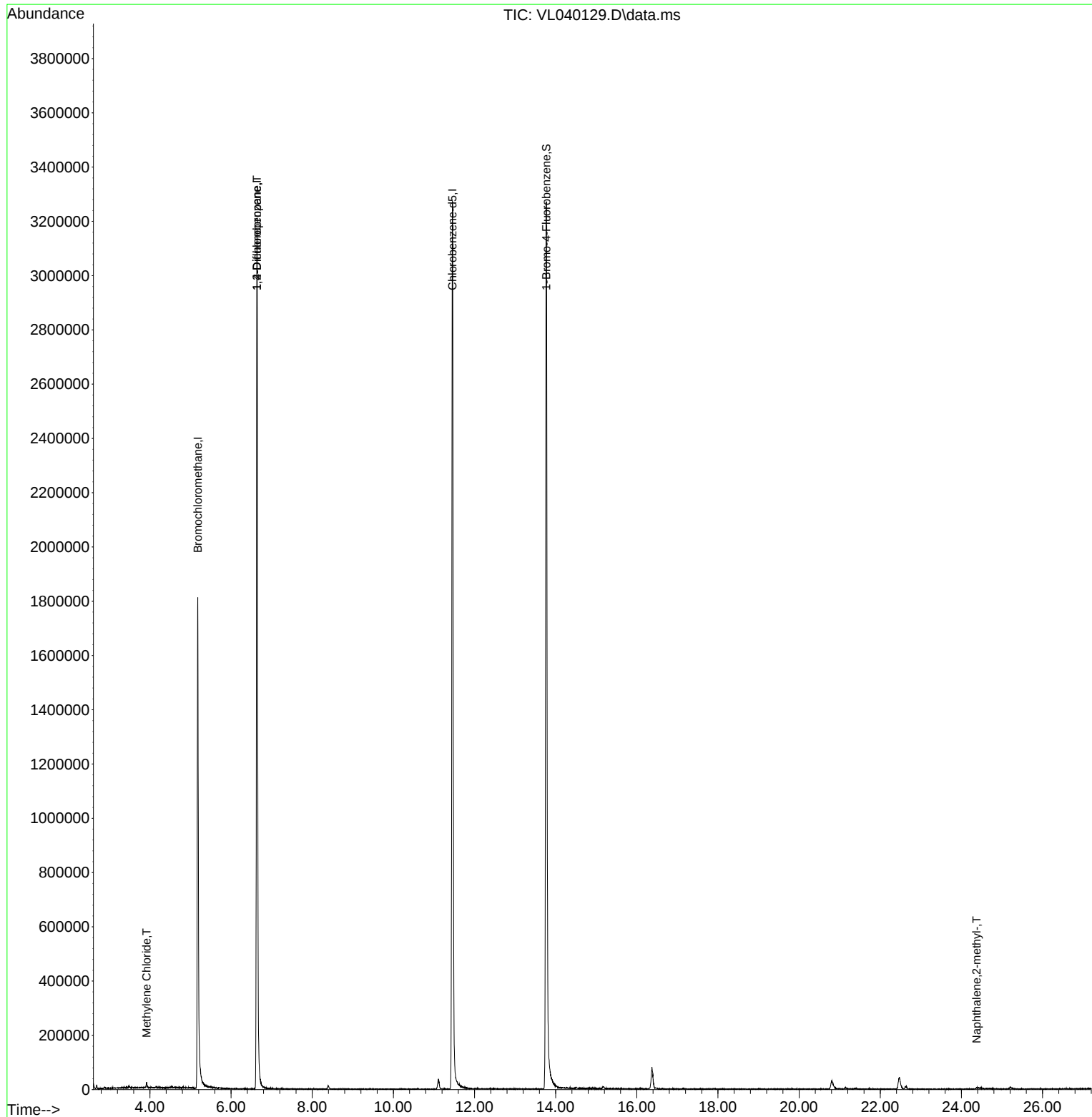
Internal Standards						
1) Bromochloromethane	5.179	49	926383	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2535459	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.458	117	2268194	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1774838	9.415	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.919	84	4911	0.100	ppbv #	79
39) 1,2-Dichloropropane	6.639	63	611797	8.336	ppbv #	23
80) Naphthalene,2-methyl-	24.374	142	6508	0.141	ppbv #	74

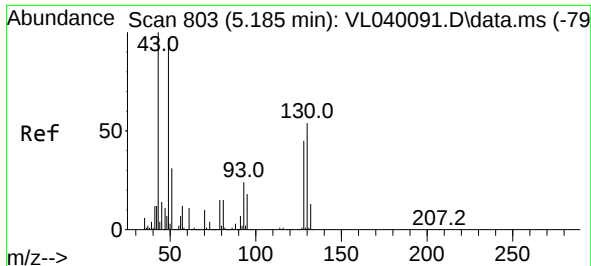
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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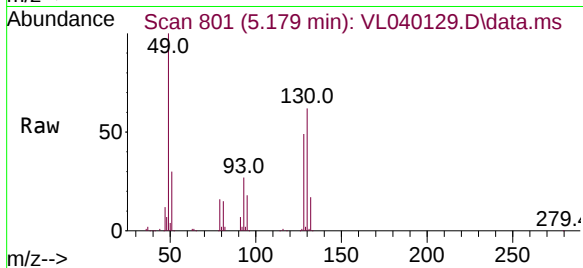
Quant Time: Jan 31 05:11:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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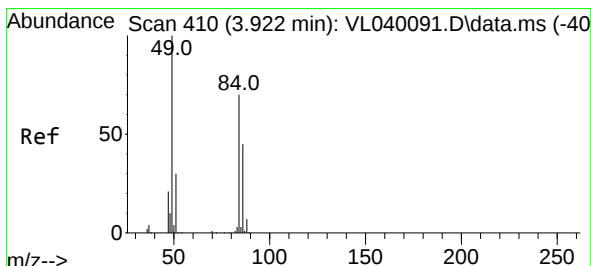
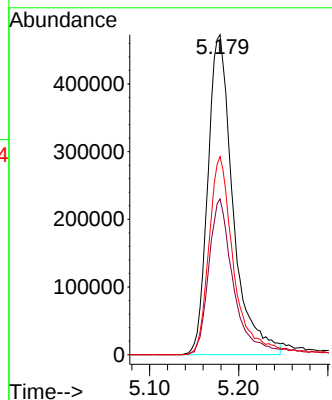
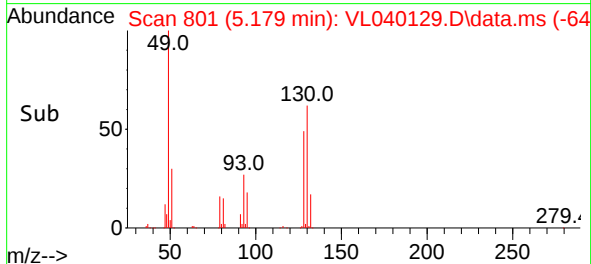


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040129.D
Acq: 30 Jan 2023 12:34

Instrument :
MSVOA_L
ClientSampleId :

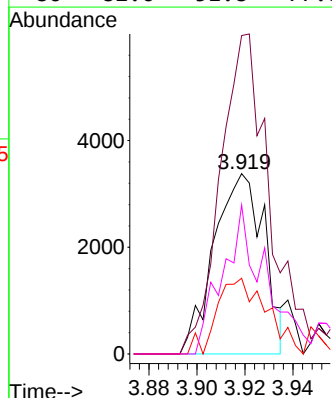
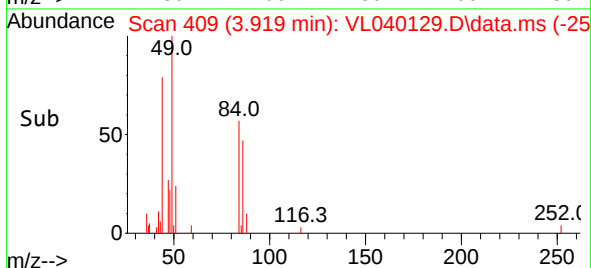
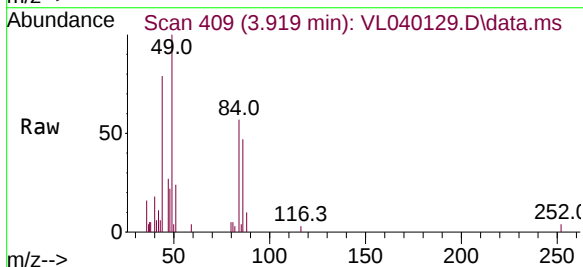


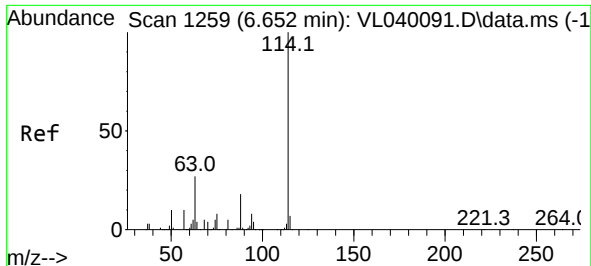
Tgt Ion: 49 Resp: 926383
Ion Ratio Lower Upper
49 100
128 49.5 23.6 71.0
130 63.5 29.8 89.3



#20
Methylene Chloride
Concen: 0.100 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.003 min
Lab File: VL040129.D
Acq: 30 Jan 2023 12:34

Tgt Ion: 84 Resp: 4911
Ion Ratio Lower Upper
84 100
49 176.5 114.6 171.8#
51 41.9 34.3 51.5
86 82.6 51.8 77.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.013 min

Lab File: VL040129.D

Acq: 30 Jan 2023 12:34

Instrument :

MSVOA_L

ClientSampleId :

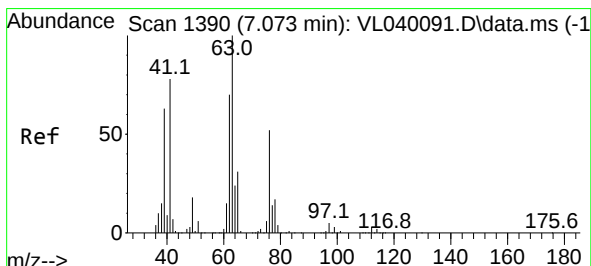
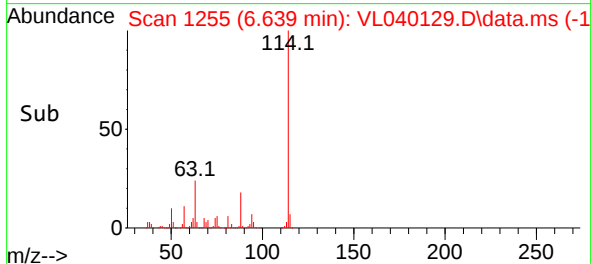
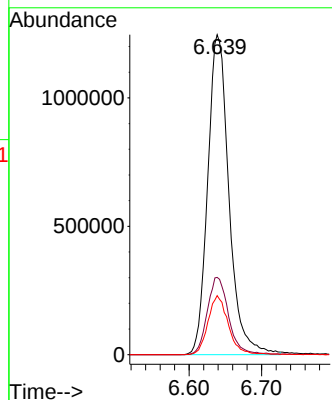
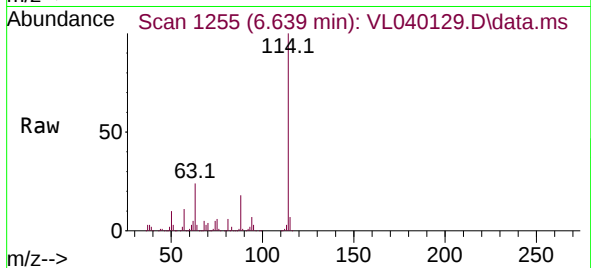
Tgt Ion:114 Resp: 2535459

Ion Ratio Lower Upper

114 100

63 24.5 21.8 32.8

88 17.8 14.8 22.2



#39

1,2-Dichloropropane

Concen: 8.336 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.434 min

Lab File: VL040129.D

Acq: 30 Jan 2023 12:34

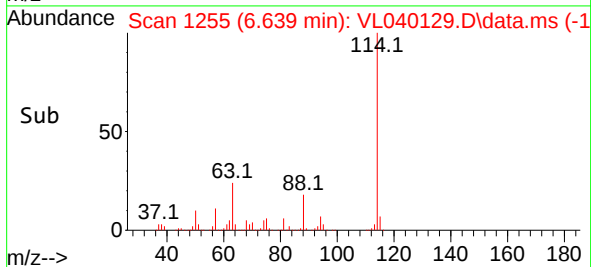
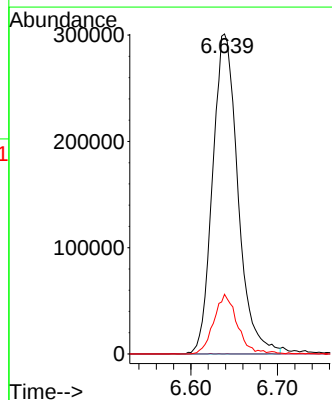
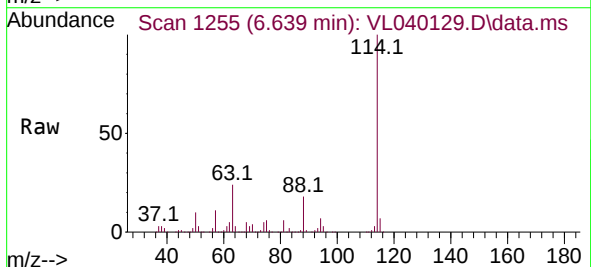
Tgt Ion: 63 Resp: 611797

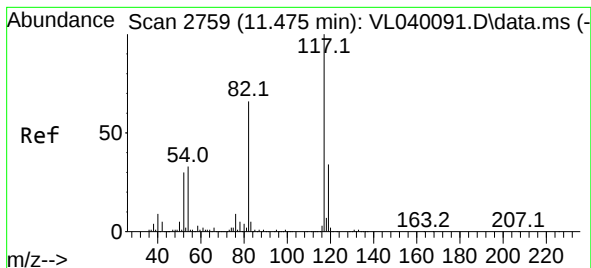
Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 18.6 55.8 83.8#

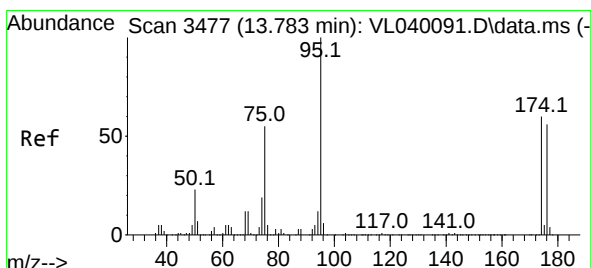
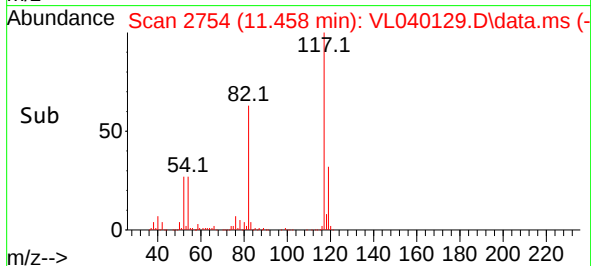
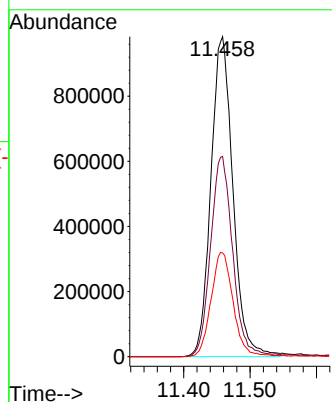
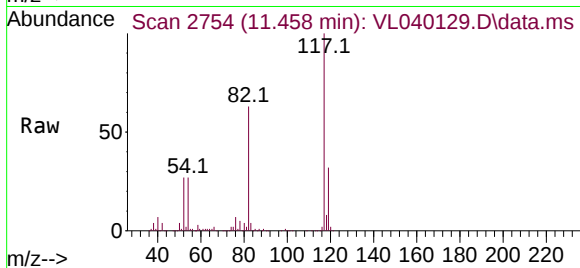




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040129.D
Acq: 30 Jan 2023 12:34

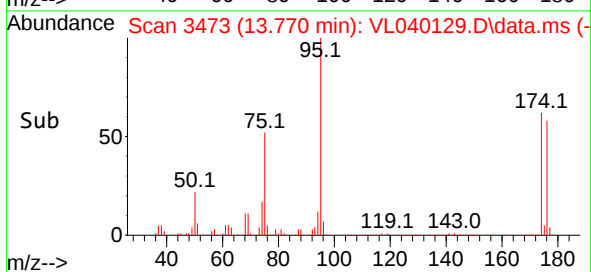
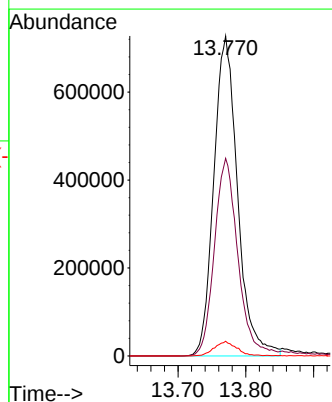
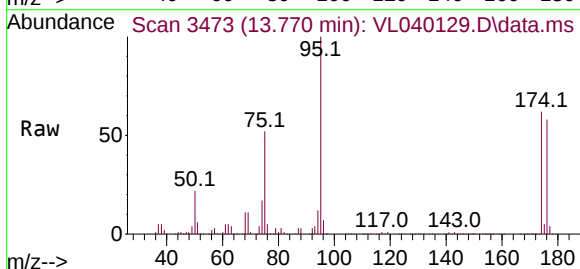
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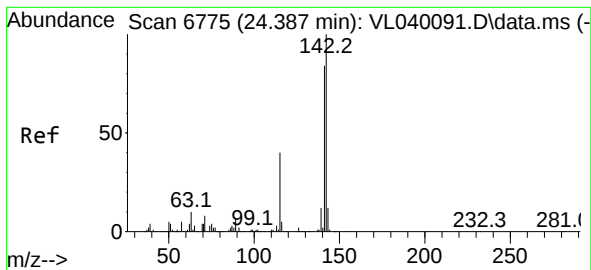
Tgt Ion:117 Resp: 2268194
Ion Ratio Lower Upper
117 100
82 63.9 54.4 81.6
119 32.8 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.415 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.013 min
Lab File: VL040129.D
Acq: 30 Jan 2023 12:34

Tgt Ion: 95 Resp: 1774838
Ion Ratio Lower Upper
95 100
174 62.9 47.7 71.5
175 4.4 3.4 5.2





#80

Naphthalene, 2-methyl-

Concen: 0.141 ppbv

RT: 24.374 min Scan# 61

Delta R.T. -0.013 min

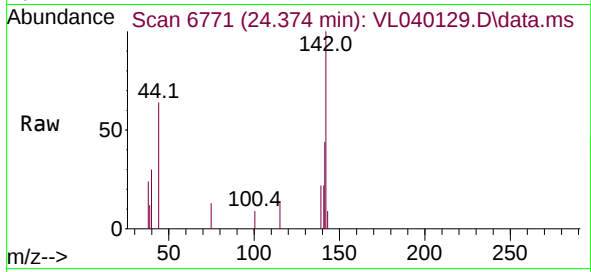
Lab File: VL040129.D

Acq: 30 Jan 2023 12:34

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 6508

Ion Ratio Lower Upper

142 100

141 62.8 65.0 97.6#

115 16.9 31.8 47.8#

