

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041364.D
 Acq On : 26 Jun 2024 18:27
 Operator : SY/MD
 Sample : QC061924 CAN 10326
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 09:19:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jun 27 09:18:04 2024
 Response via : Initial Calibration

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

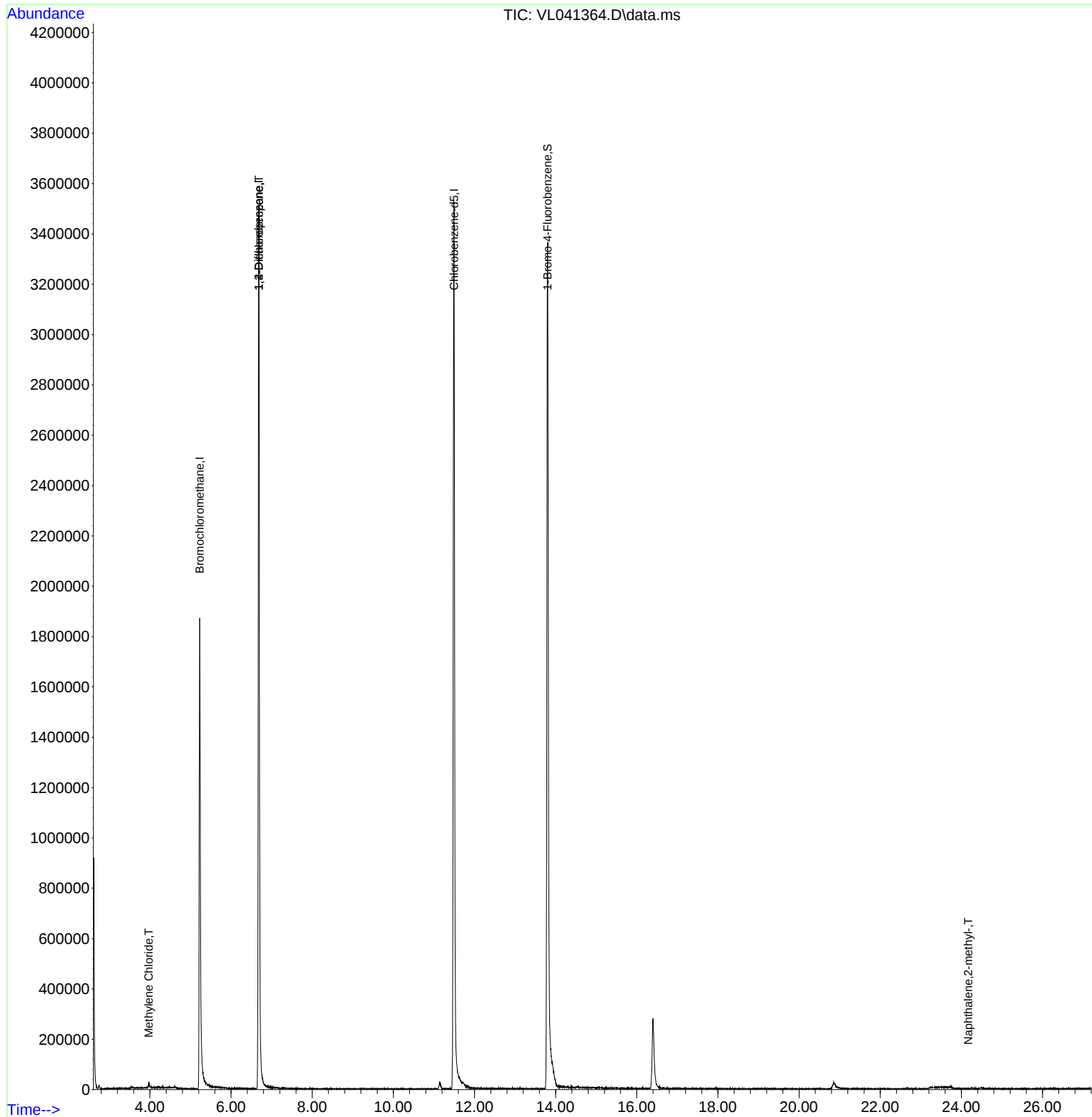
Internal Standards						
1) Bromochloromethane	5.227	49	1022402	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.684	114	2720419	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2387937	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1828976	10.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.970	84	3176	0.065	ppbv #	88
39) 1,2-Dichloropropane	6.684	63	687065	7.897	ppbv #	22
80) Naphthalene,2-methyl-	24.172	142	33	0.078	ppbv #	1

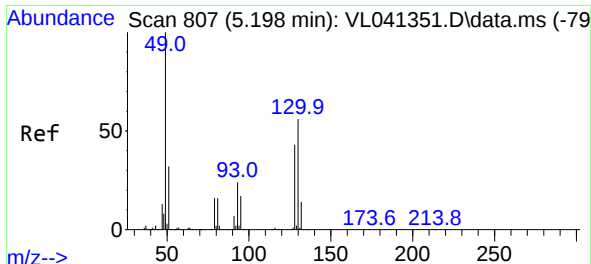
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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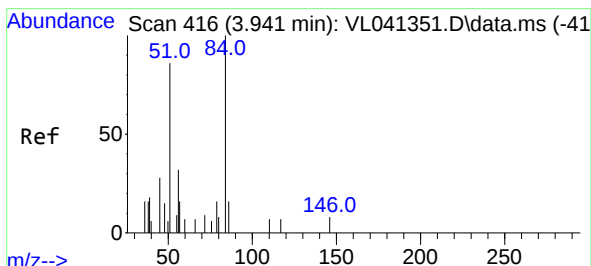
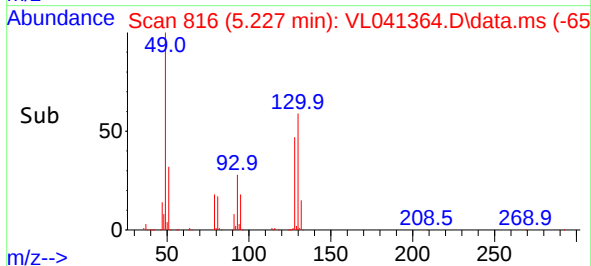
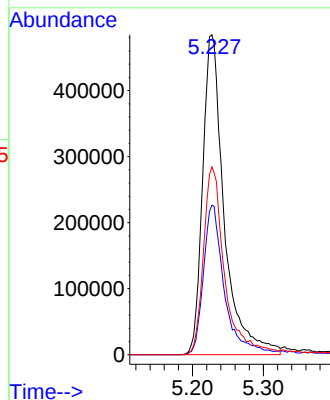
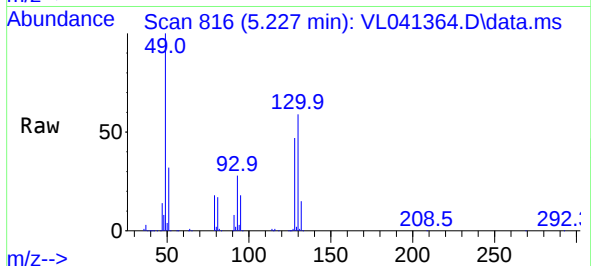




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.026 min
Lab File: VL041364.D
Acq: 26 Jun 2024 18:27

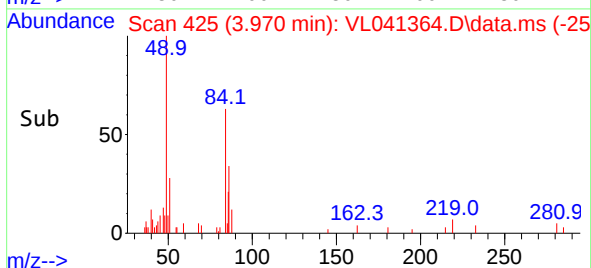
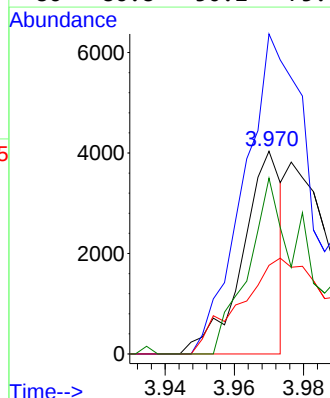
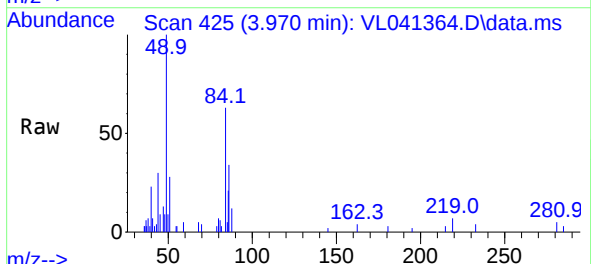
Instrument :
MSVOA_L
ClientSampleId :

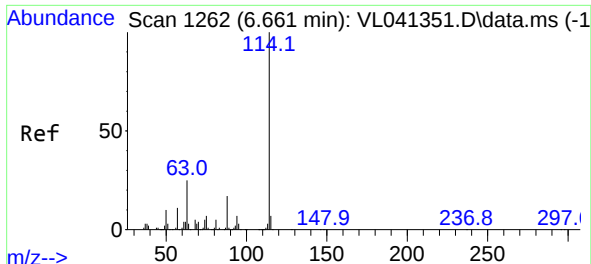
Tgt Ion: 49 Resp: 1022402
Ion Ratio Lower Upper
49 100
128 47.5 22.8 68.3
130 59.0 28.9 86.7



#20
Methylene Chloride
Concen: 0.065 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.032 min
Lab File: VL041364.D
Acq: 26 Jun 2024 18:27

Tgt Ion: 84 Resp: 3176
Ion Ratio Lower Upper
84 100
49 157.9 131.8 197.6
51 43.8 39.6 59.4
86 86.8 50.2 75.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 1269

Delta R.T. 0.016 min

Lab File: VL041364.D

Acq: 26 Jun 2024 18:27

Instrument :

MSVOA_L

ClientSampleId :

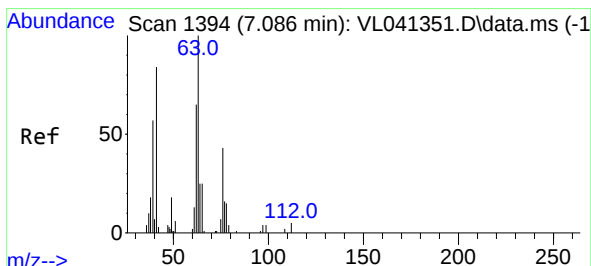
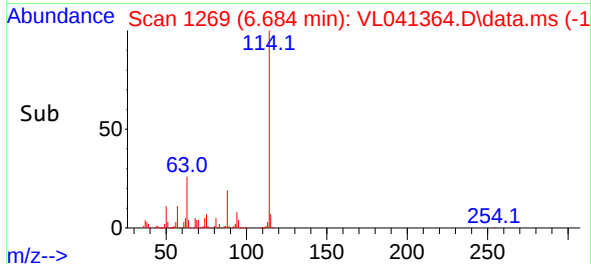
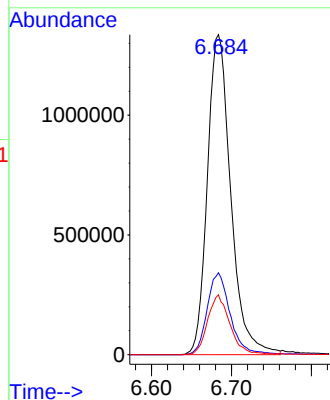
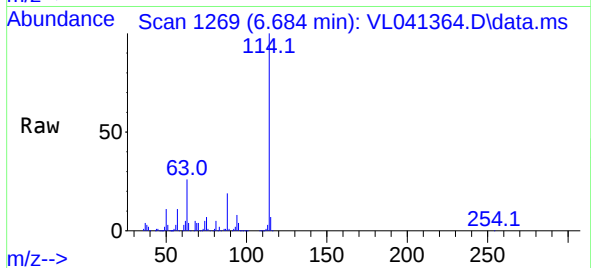
Tgt Ion:114 Resp: 2720419

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.2 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.897 ppbv

RT: 6.684 min Scan# 1269

Delta R.T. -0.405 min

Lab File: VL041364.D

Acq: 26 Jun 2024 18:27

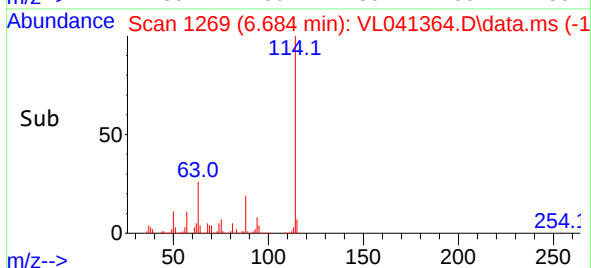
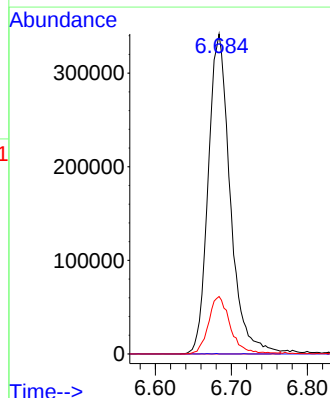
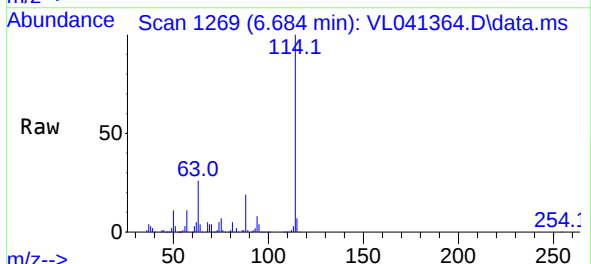
Tgt Ion: 63 Resp: 687065

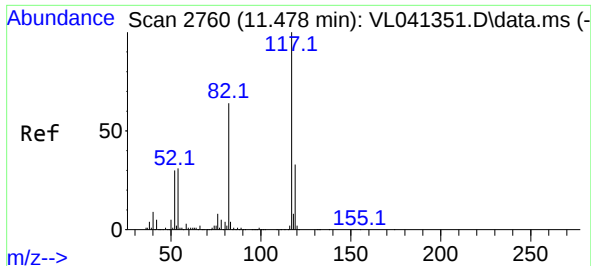
Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

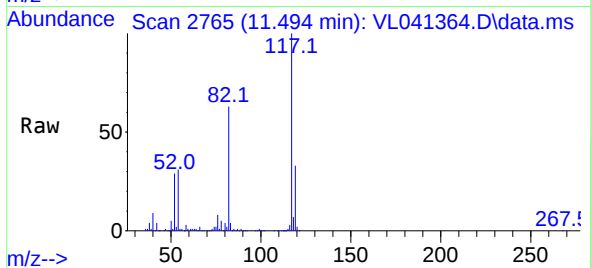
62 18.0 55.2 82.8#



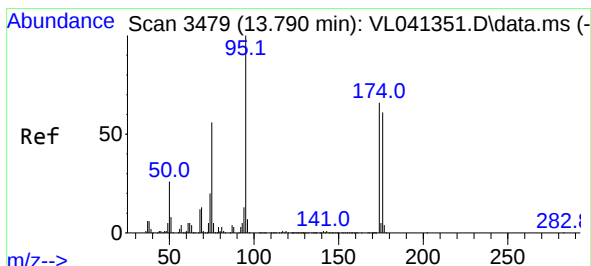
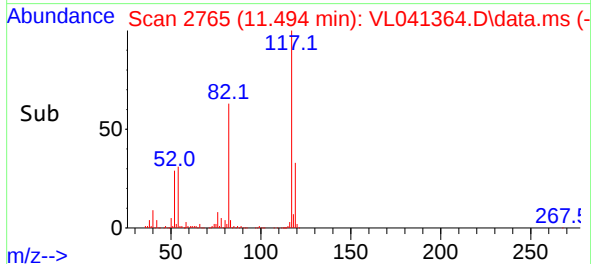
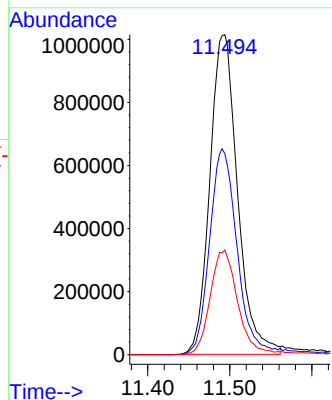


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041364.D
Acq: 26 Jun 2024 18:27

Instrument :
MSVOA_L
ClientSampleId :

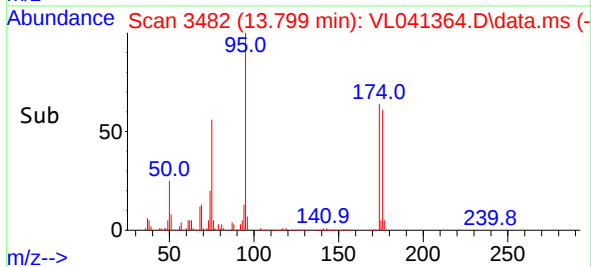
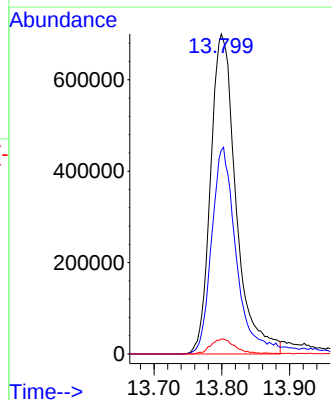
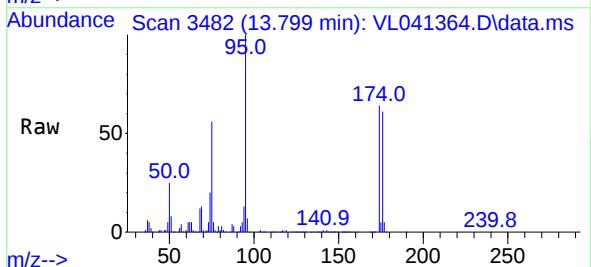


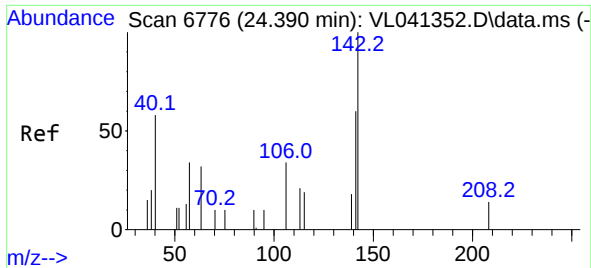
Tgt Ion:117 Resp: 2387937
Ion Ratio Lower Upper
117 100
82 66.2 50.6 75.8
119 33.1 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.219 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.006 min
Lab File: VL041364.D
Acq: 26 Jun 2024 18:27

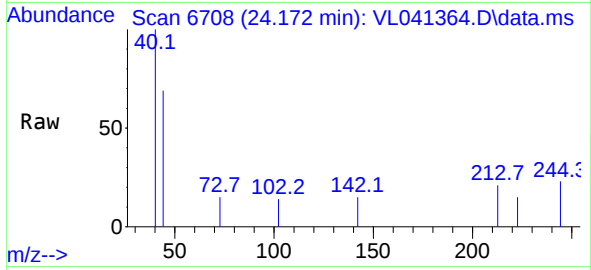
Tgt Ion: 95 Resp: 1828976
Ion Ratio Lower Upper
95 100
174 65.1 53.1 79.7
175 4.7 4.0 6.0





#80
Naphthalene, 2-methyl-
Concen: 0.078 ppbv
RT: 24.172 min Scan# 61
Delta R.T. -0.219 min
Lab File: VL041364.D
Acq: 26 Jun 2024 18:27

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:	142	Resp:	33
Ion	Ratio	Lower	Upper
142	100		
141	90.9	37.9	56.9#
115	224.2	11.0	16.4#

