

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040155.D
 Acq On : 6 Feb 2023 21:01
 Operator : SY/MD
 Sample : 01438-07DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:59:28 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	876212	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2295950	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	1961527	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1516073	9.300	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	20226m	0.463	ppbv	
13) Ethanol	3.234	45	20757m	5.165	ppbv	
15) Acetone	3.462	43	105284	1.002	ppbv	98
19) Isopropyl Alcohol	3.571	45	182140m	3.542	ppbv	
20) Methylene Chloride	3.912	84	51802	1.117	ppbv	93
26) Hexane	5.195	57	17221	0.213	ppbv #	36
36) Benzene	6.346	78	19454m	0.114	ppbv	
53) Toluene	9.201	91	20965m	0.116	ppbv	

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

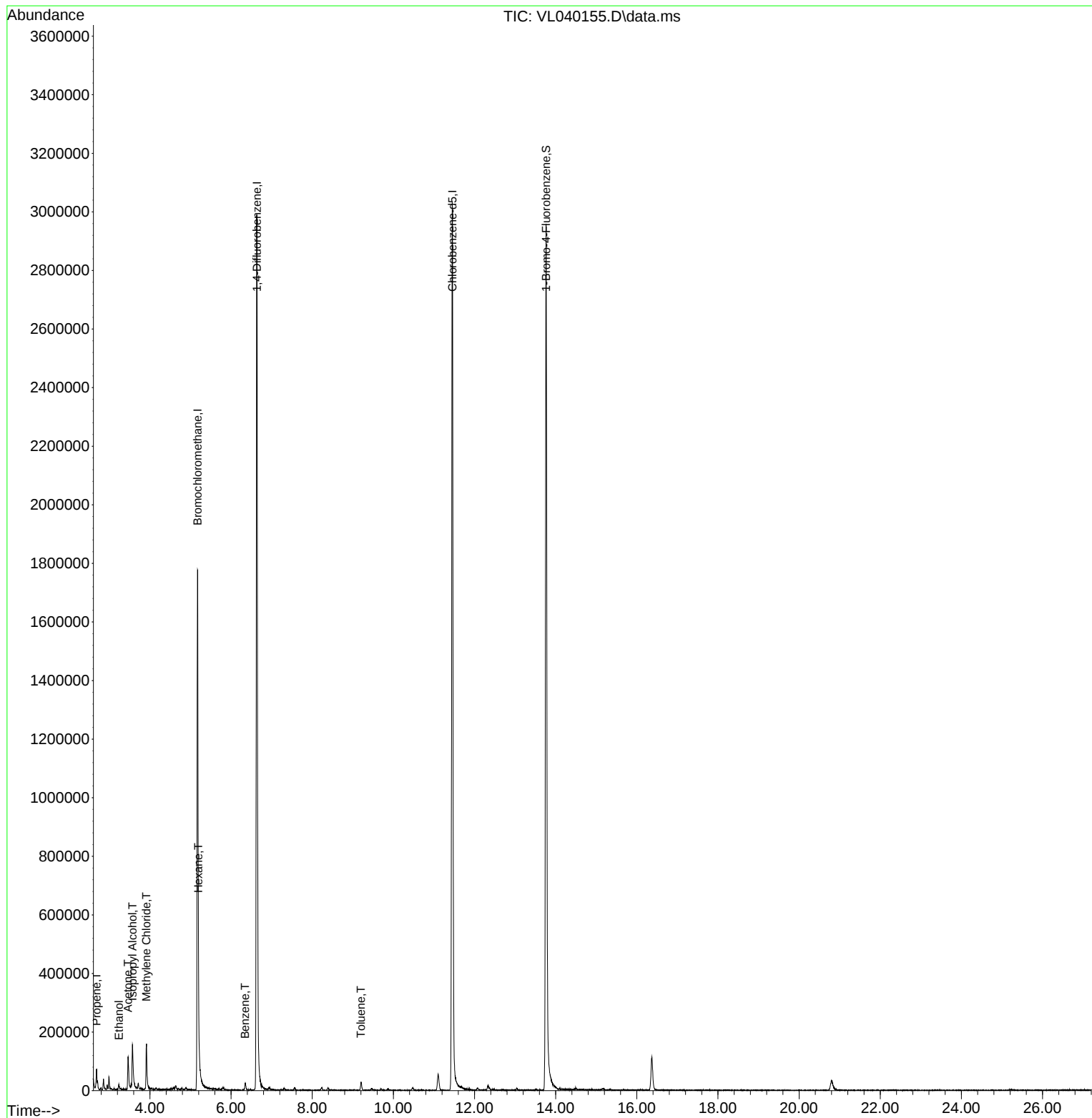
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
Data File : VL040155.D
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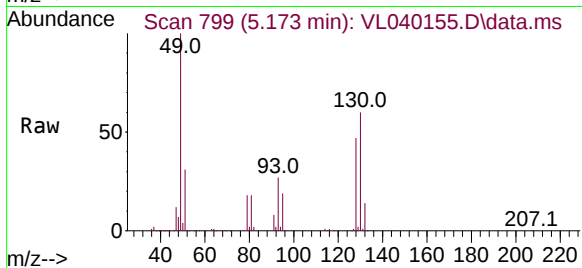
Quant Time: Feb 07 05:59:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.006 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01

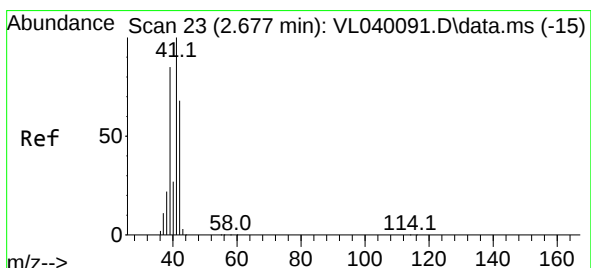
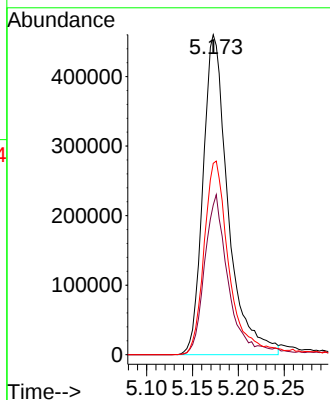
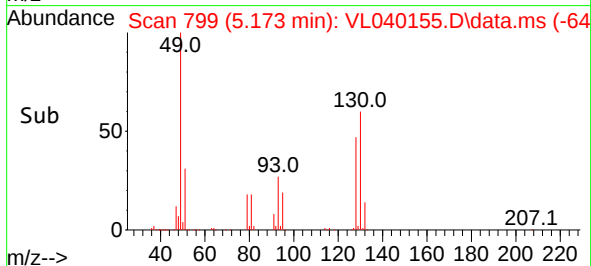
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 87621
Ion Ratio Lower Upper
49 100
128 49.6 23.6 71.0
130 62.7 29.8 89.3

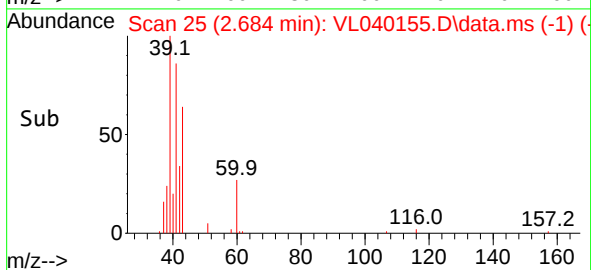
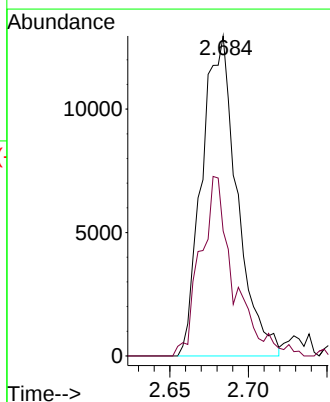
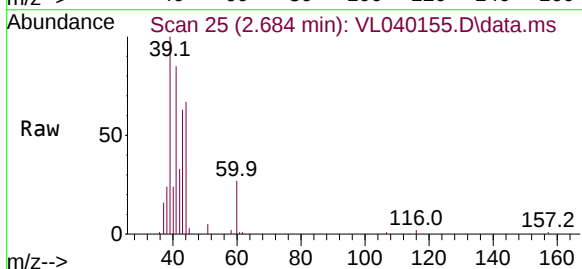
Manual Integrations
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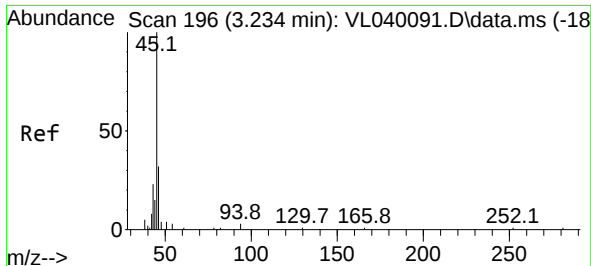
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#9
Propene
Concen: 0.463 ppbv m
RT: 2.684 min Scan# 25
Delta R.T. 0.010 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01

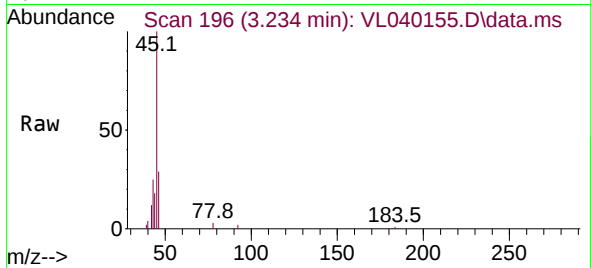
Tgt Ion: 41 Resp: 20226
Ion Ratio Lower Upper
41 100
42 53.7 55.6 83.4#





#13
Ethanol
Concen: 5.165 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01

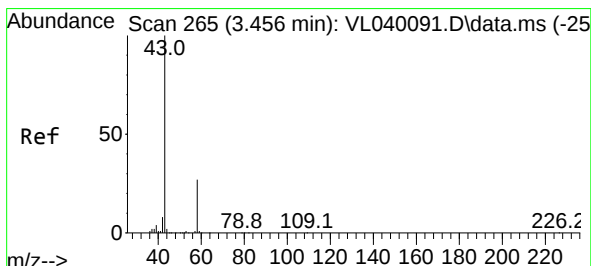
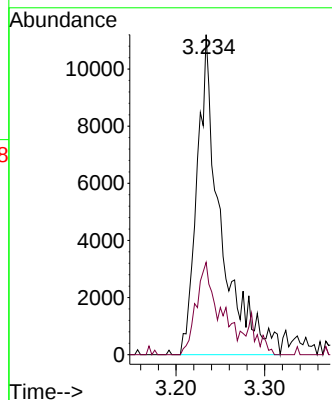
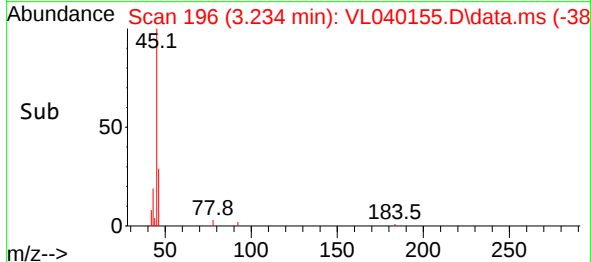
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



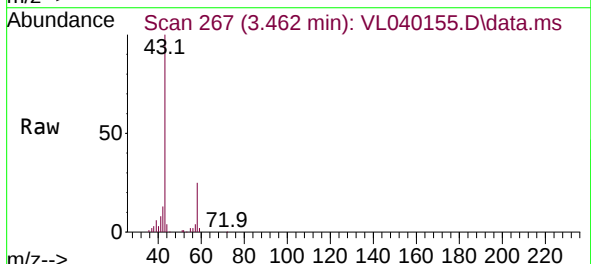
Tgt Ion: 45 Resp: 2075
Ion Ratio Lower Upper
45 100
46 35.1 14.8 59.2

Manual Integrations
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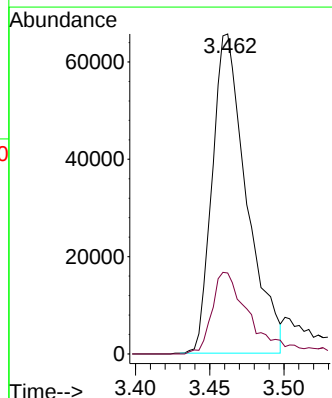
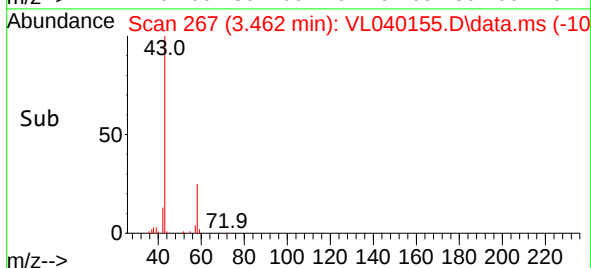
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

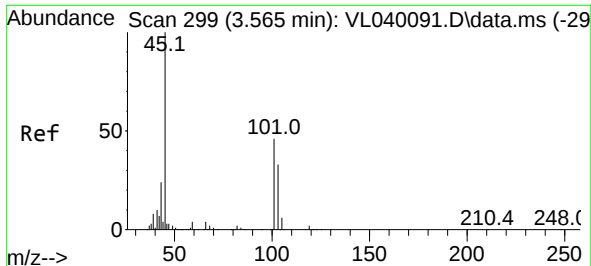


#15
Acetone
Concen: 1.002 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.013 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01



Tgt Ion: 43 Resp: 105284
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.8





#19

Isopropyl Alcohol

Concen: 3.542 ppbv m

RT: 3.571 min Scan# 301

Delta R.T. 0.013 min

Lab File: VL040155.D

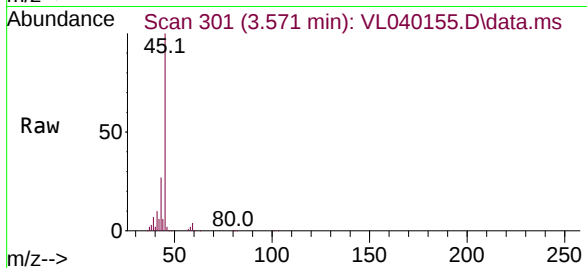
Acq: 6 Feb 2023 21:01

Instrument :

MSVOA_L

ClientSampleId :

OA1DL



Tgt Ion: 45 Resp: 182140

Ion Ratio Lower Upper

45 100

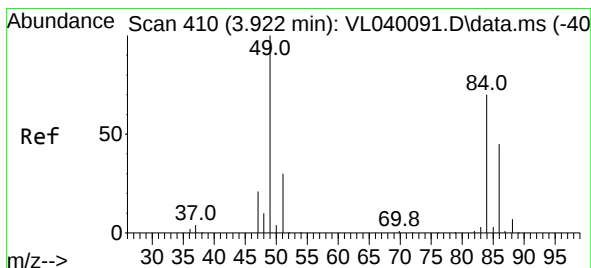
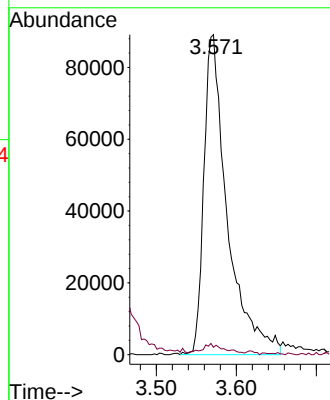
58 4.3 2.6 4.0

Manual Integrations

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#20

Methylene Chloride

Concen: 1.117 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL040155.D

Acq: 6 Feb 2023 21:01

Tgt Ion: 84 Resp: 51802

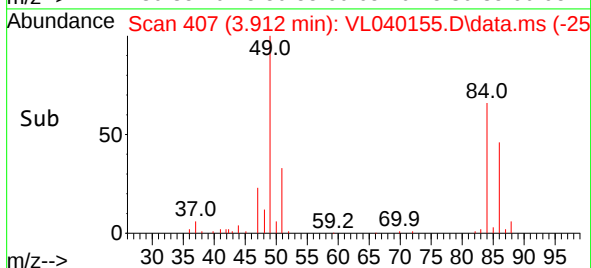
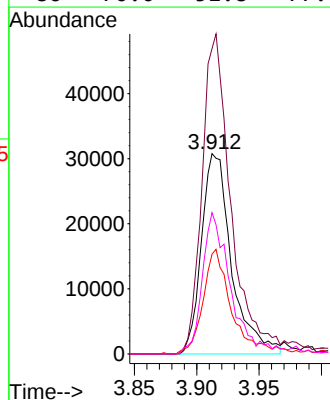
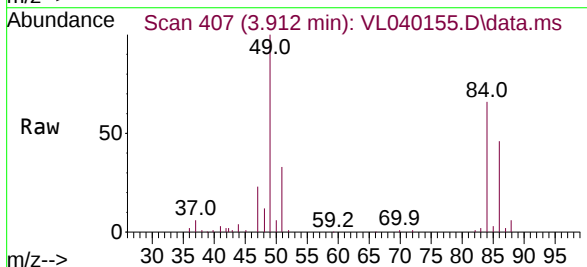
Ion Ratio Lower Upper

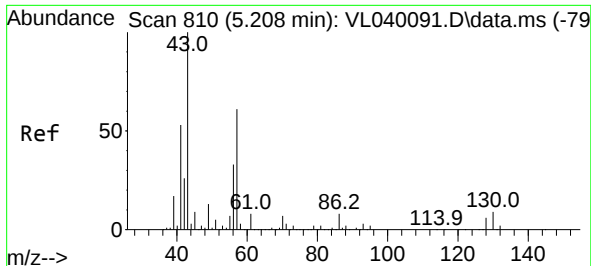
84 100

49 151.8 114.6 171.8

51 48.4 34.3 51.5

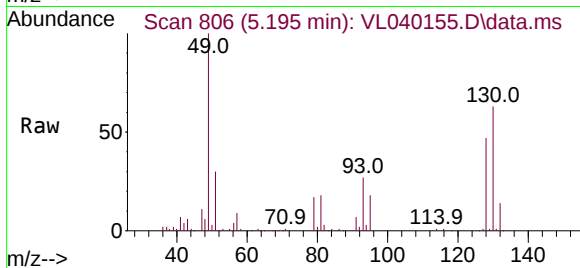
86 70.0 51.8 77.8





#26
Hexane
Concen: 0.213 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01

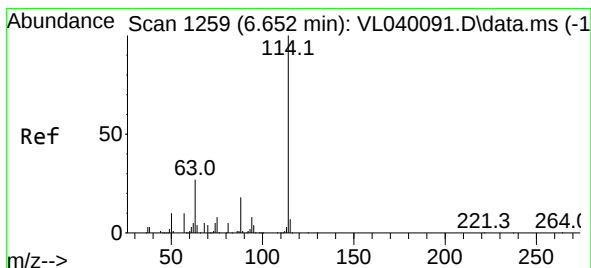
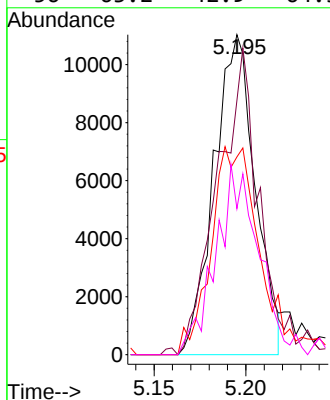
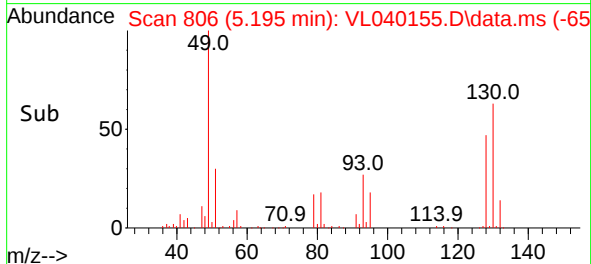
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



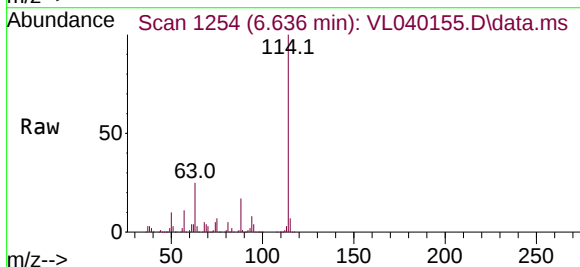
Tgt Ion: 57 Resp: 1722
Ion Ratio Lower Upper
57 100
41 101.0 72.2 108.4
43 79.7 192.1 288.1
56 63.2 42.9 64.3

Manual Integrations
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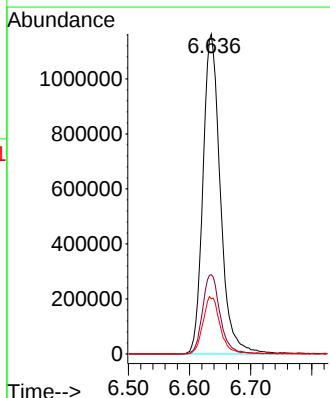
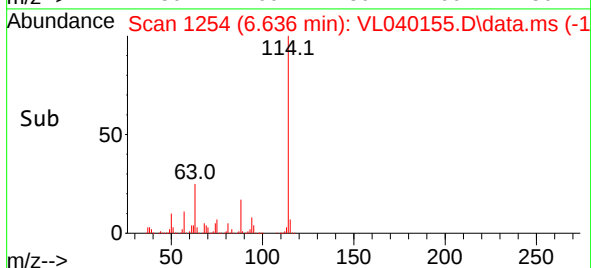
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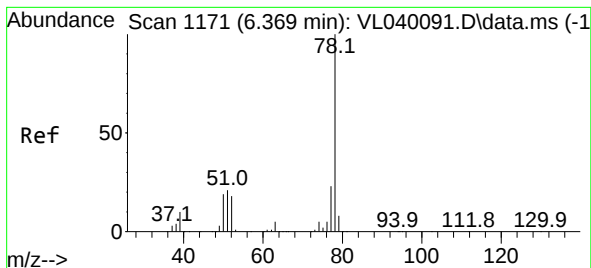


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01



Tgt Ion:114 Resp: 2295950
Ion Ratio Lower Upper
114 100
63 25.3 21.8 32.8
88 17.8 14.8 22.2





#36

Benzene

Concen: 0.114 ppbv m

RT: 6.346 min Scan# 1164

Delta R.T. -0.013 min

Lab File: VL040155.D

Acq: 6 Feb 2023 21:01

Instrument :

MSVOA_L

ClientSampleId :

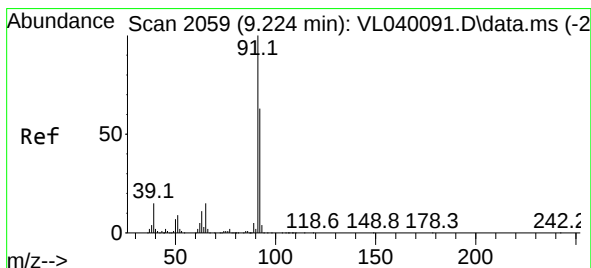
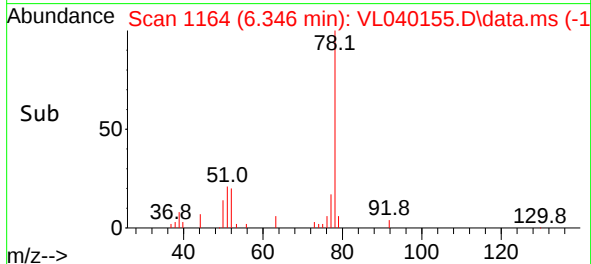
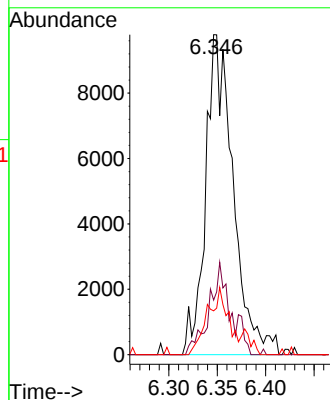
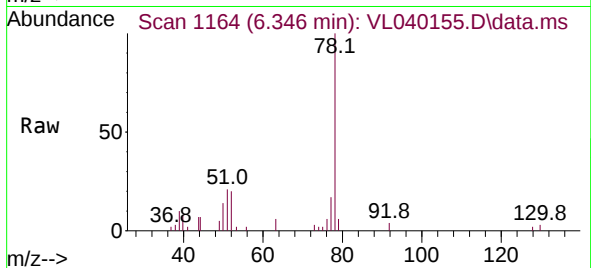
OA1DL

Tgt Ion: 78	Resp: 1945
Ion Ratio	Lower Upper
78 100	
77 17.1	18.1 27.1
50 13.7	15.6 23.4

Manual Integrations

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#53

Toluene

Concen: 0.116 ppbv m

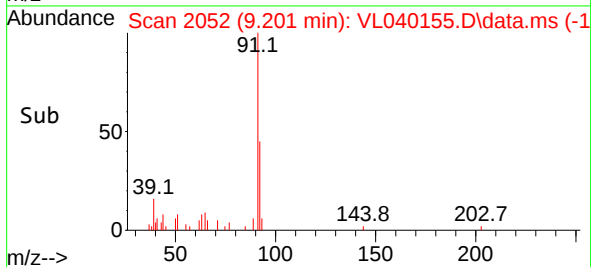
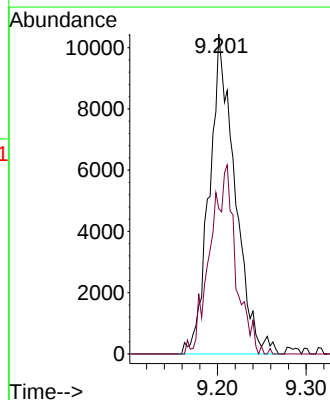
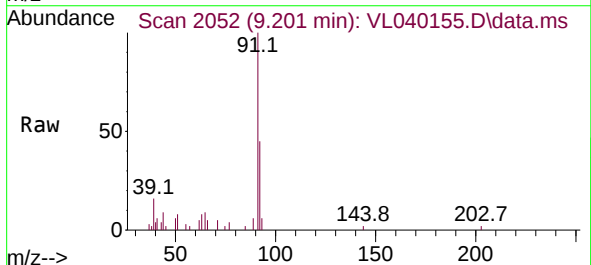
RT: 9.201 min Scan# 2052

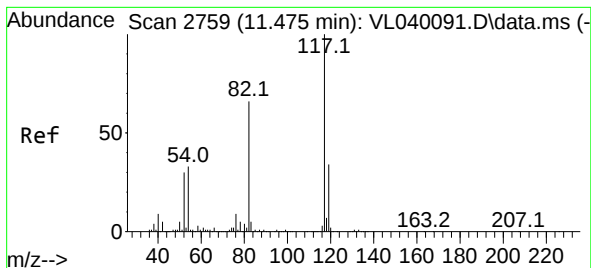
Delta R.T. -0.009 min

Lab File: VL040155.D

Acq: 6 Feb 2023 21:01

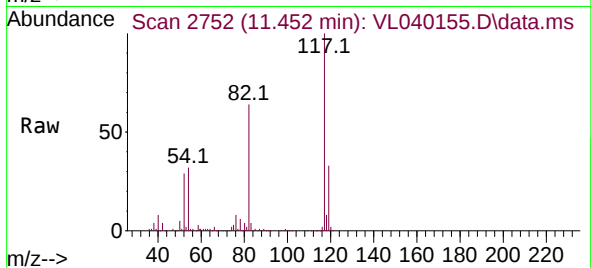
Tgt Ion: 91	Resp: 20965
Ion Ratio	Lower Upper
91 100	
92 58.8	48.3 72.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01

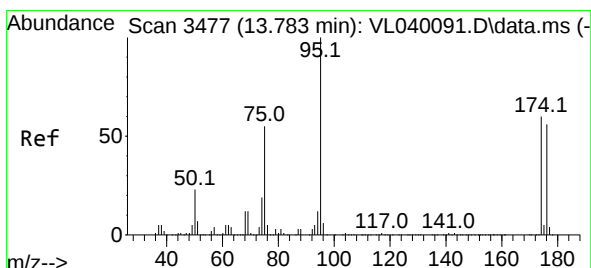
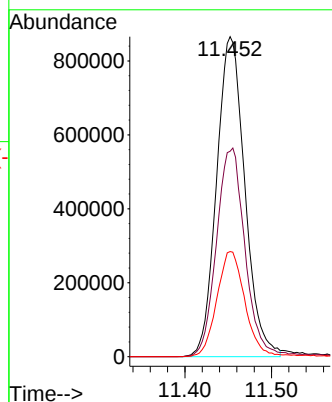
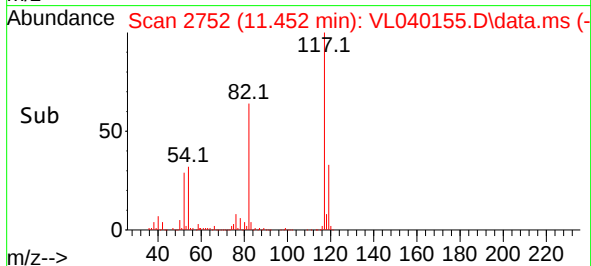
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



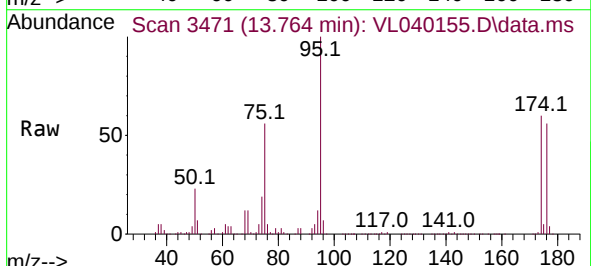
Tgt Ion: 117 Resp: 196152
Ion Ratio Lower Upper
117 100
82 67.1 54.4 81.6
119 33.2 26.8 40.2

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/08/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.300 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.006 min
Lab File: VL040155.D
Acq: 6 Feb 2023 21:01



Tgt Ion: 95 Resp: 1516073
Ion Ratio Lower Upper
95 100
174 60.8 47.7 71.5
175 4.3 3.4 5.2

