

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040153.D
 Acq On : 6 Feb 2023 19:42
 Operator : SY/MD
 Sample : 01438-06DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 05:58:43 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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	5.176	49	927803	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2431885	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2082968	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1619337	9.354	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						
9) Propene	2.678	41	52904	1.144	ppbv	95
13) Ethanol	3.218	45	62018m	14.573	ppbv	
15) Acetone	3.452	43	144540m	1.299	ppbv	
19) Isopropyl Alcohol	3.559	45	1232519	22.639	ppbv #	96
20) Methylene Chloride	3.915	84	343635	7.000	ppbv	97
26) Hexane	5.198	57	105629	1.231	ppbv #	38
36) Benzene	6.356	78	72972m	0.405	ppbv	
53) Toluene	9.211	91	82165	0.428	ppbv	99
59) m/p-Xylene	12.330	91	47059m	0.225	ppbv	

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

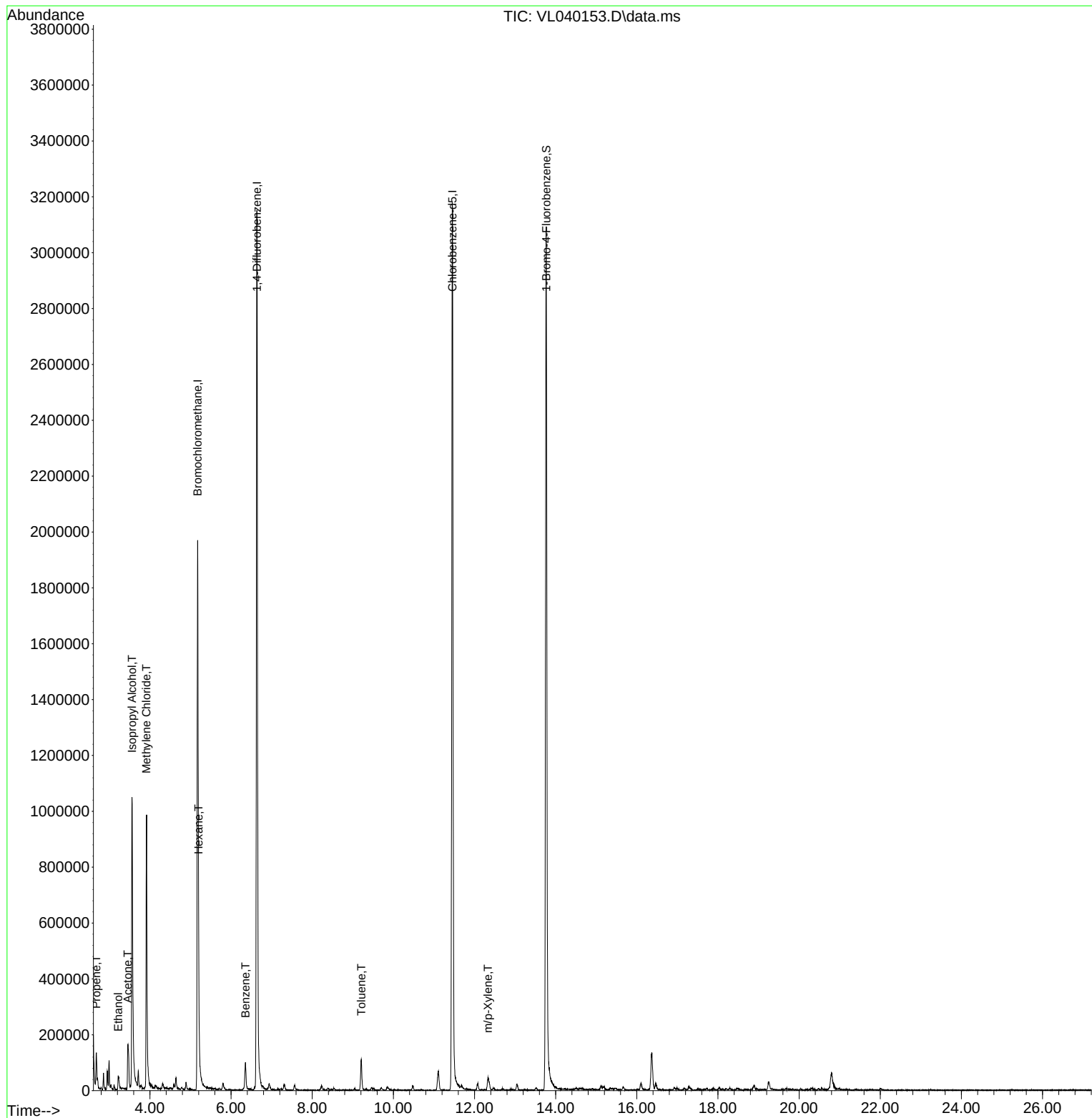
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
Data File : VL040153.D
Acq On : 6 Feb 2023 19:42
Operator : SY/MD
Sample : 01438-06DL 5X
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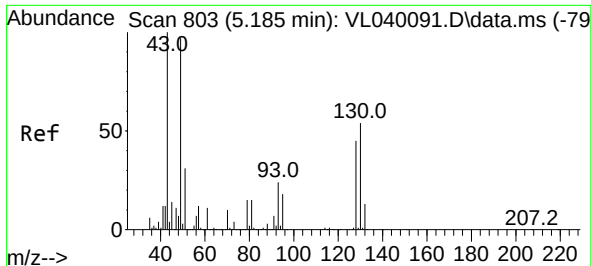
Instrument :
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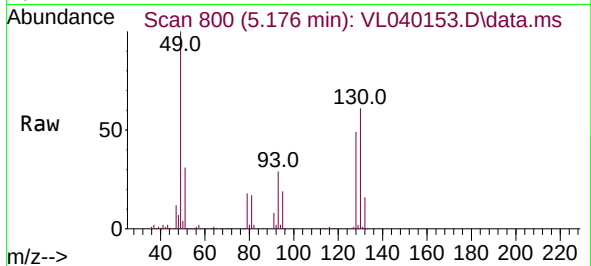
Quant Time: Feb 07 05:58:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42

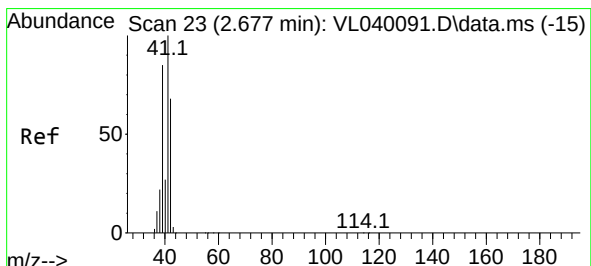
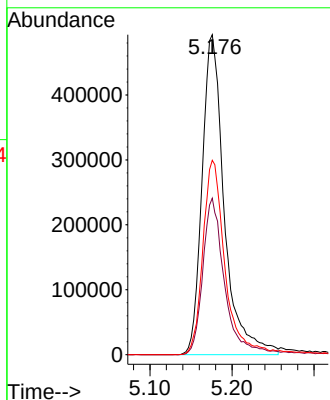
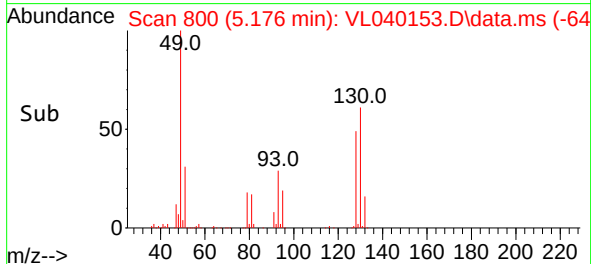
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



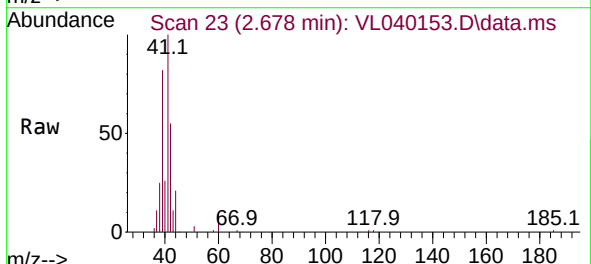
Tgt Ion: 49 Resp: 92780
Ion Ratio Lower Upper
49 100
128 48.9 23.6 71.0
130 62.1 29.8 89.3

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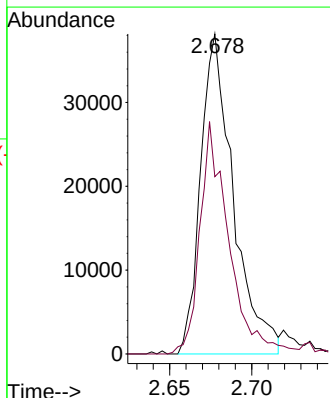
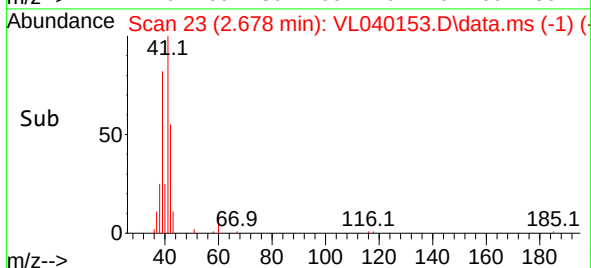
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

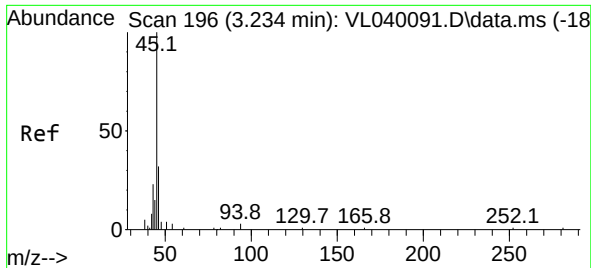


#9
Propene
Concen: 1.144 ppbv
RT: 2.678 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42



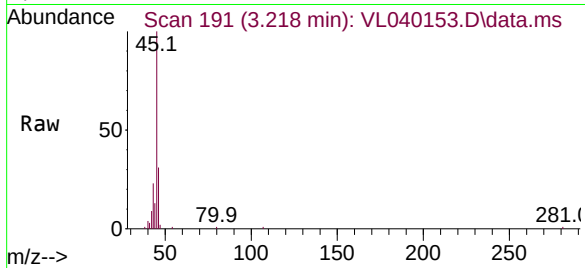
Tgt Ion: 41 Resp: 52904
Ion Ratio Lower Upper
41 100
42 65.8 55.6 83.4





#13
Ethanol
Concen: 14.573 ppbv m
RT: 3.218 min Scan# 191
Delta R.T. -0.009 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42

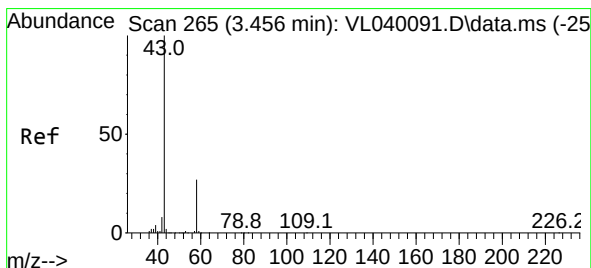
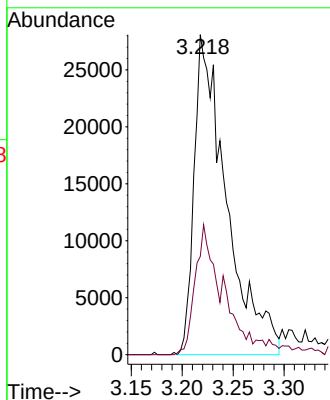
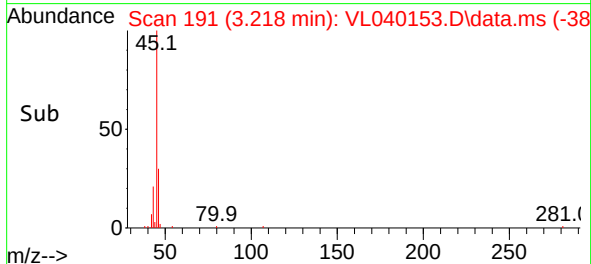
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



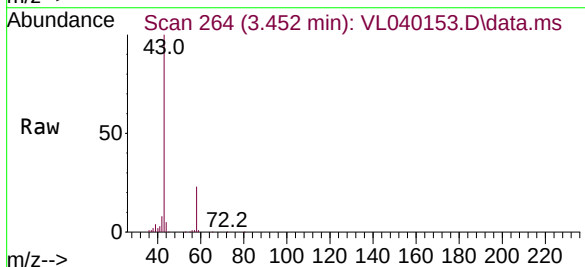
Tgt Ion: 45 Resp: 62018
Ion Ratio Lower Upper
45 100
46 39.2 14.8 59.2

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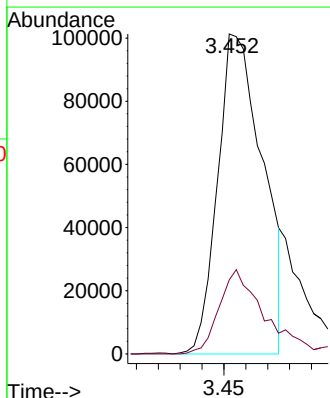
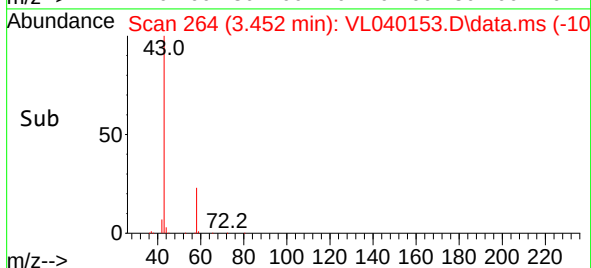
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

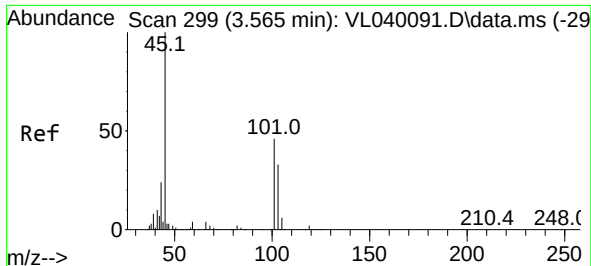


#15
Acetone
Concen: 1.299 ppbv m
RT: 3.452 min Scan# 264
Delta R.T. 0.003 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42



Tgt Ion: 43 Resp: 144540
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8





#19

Isopropyl Alcohol

Concen: 22.639 ppbv

RT: 3.559 min Scan# 299

Delta R.T. 0.000 min

Lab File: VL040153.D

Acq: 6 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

IA3DL

Tgt Ion: 45 Resp: 1232519

Ion Ratio Lower Upper

45 100

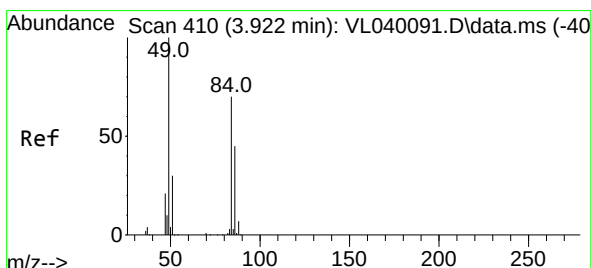
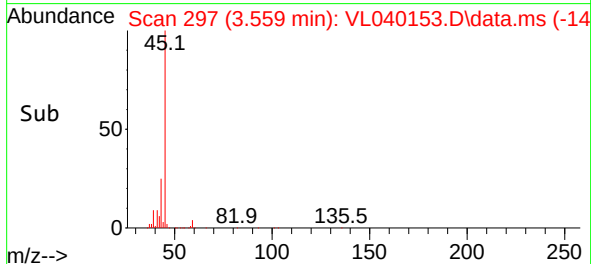
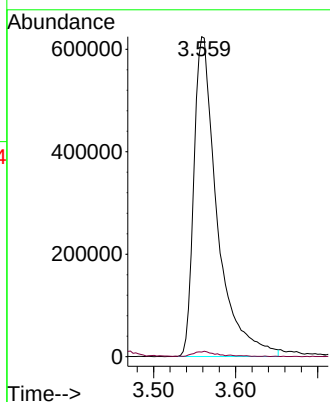
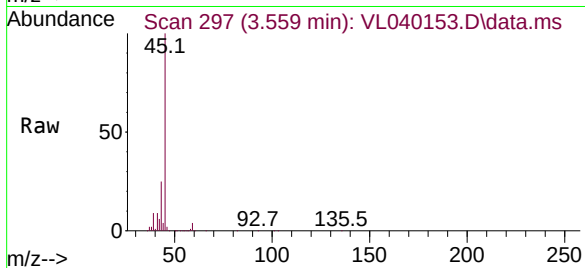
58 2.0 2.6 4.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#20

Methylene Chloride

Concen: 7.000 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.000 min

Lab File: VL040153.D

Acq: 6 Feb 2023 19:42

Tgt Ion: 84 Resp: 343635

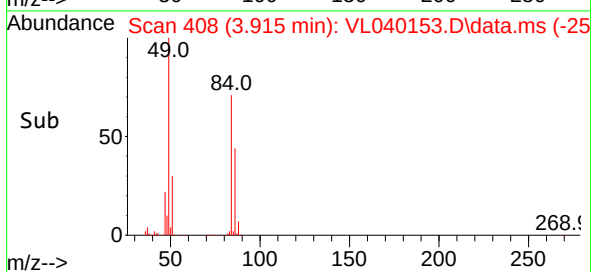
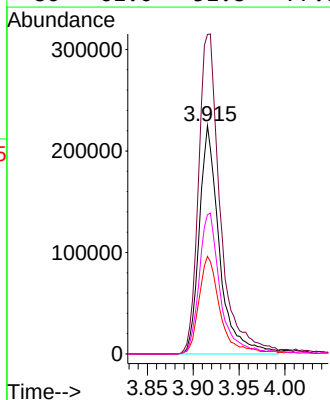
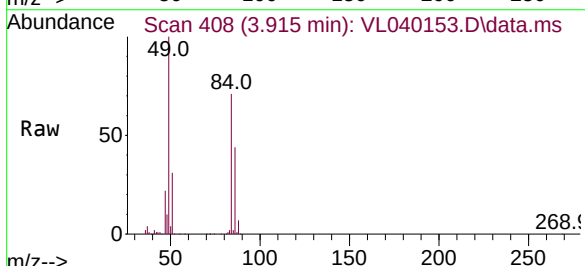
Ion Ratio Lower Upper

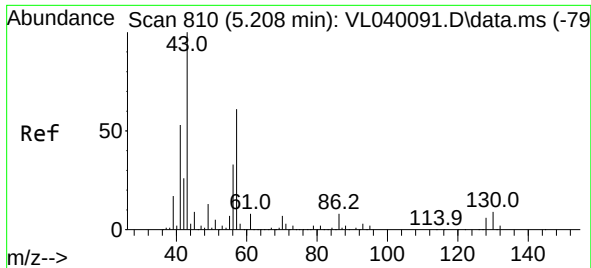
84 100

49 139.8 114.6 171.8

51 42.6 34.3 51.5

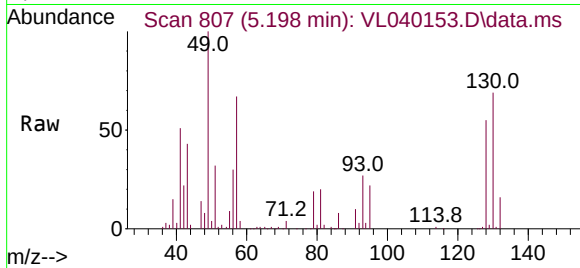
86 61.0 51.8 77.8





#26
Hexane
Concen: 1.231 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42

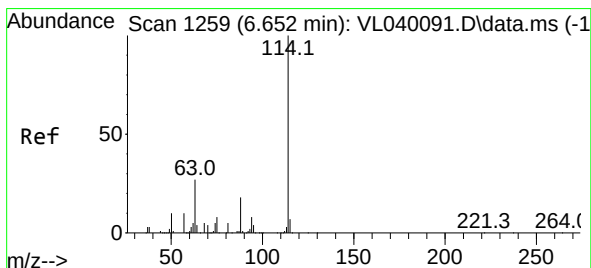
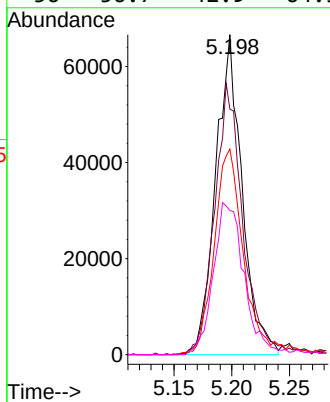
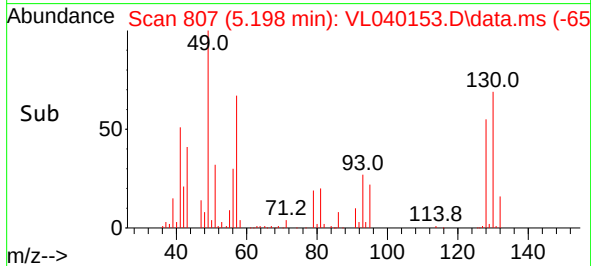
Instrument :
MSVOA_L
Client Sample Id :
IA3DL



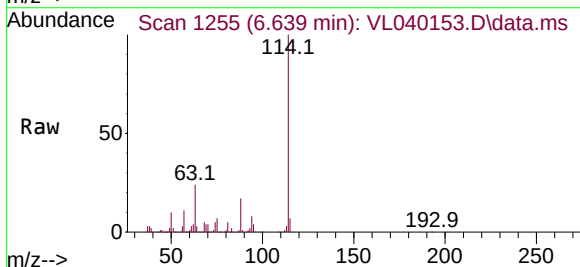
Tgt Ion: 57 Resp: 105629
Ion Ratio Lower Upper
57 100
41 91.2 72.2 108.4
43 73.9 192.1 288.1
56 56.7 42.9 64.3

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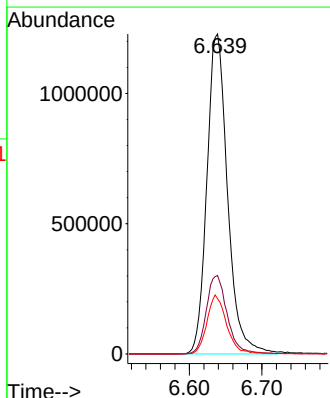
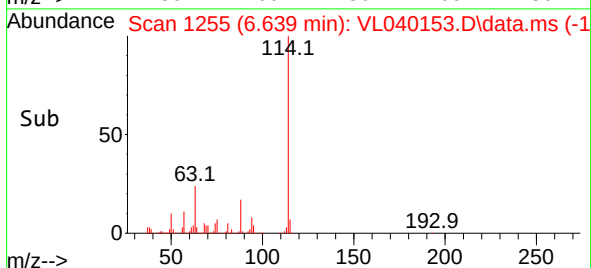
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

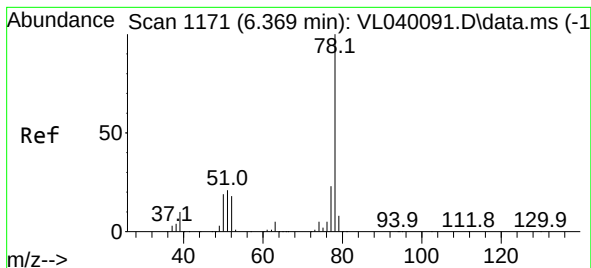


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42



Tgt Ion:114 Resp: 2431885
Ion Ratio Lower Upper
114 100
63 24.9 21.8 32.8
88 17.8 14.8 22.2





#36

Benzene

Concen: 0.405 ppbv m

RT: 6.356 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL040153.D

Acq: 6 Feb 2023 19:42

Instrument :

MSVOA_L

ClientSampleId :

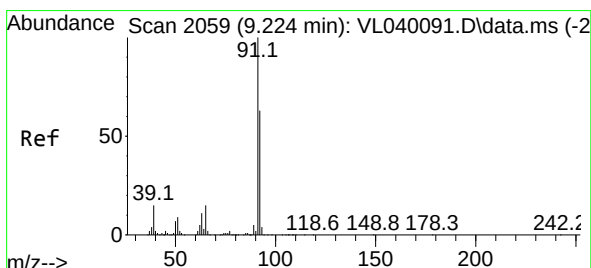
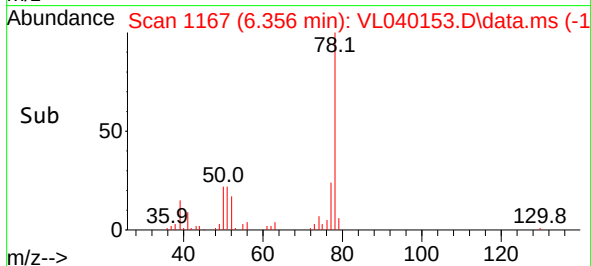
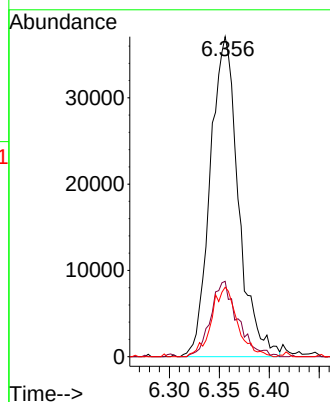
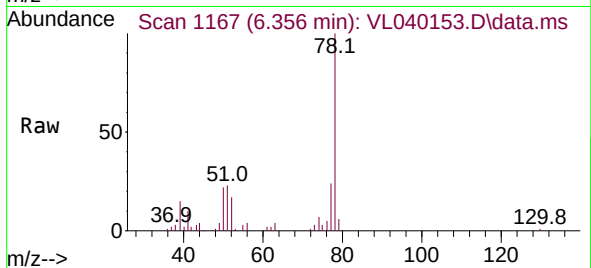
IA3DL

Tgt Ion: 78	Resp: 72972
Ion Ratio	Lower Upper
78 100	
77 23.5	18.1 27.1
50 21.7	15.6 23.4

Manual Integrations

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



#53

Toluene

Concen: 0.428 ppbv

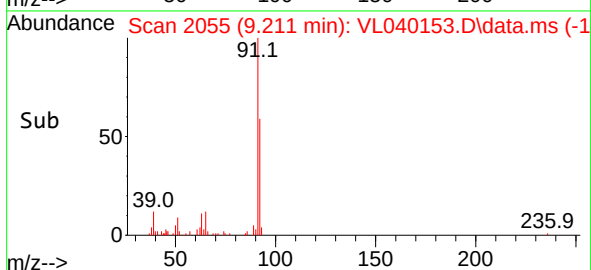
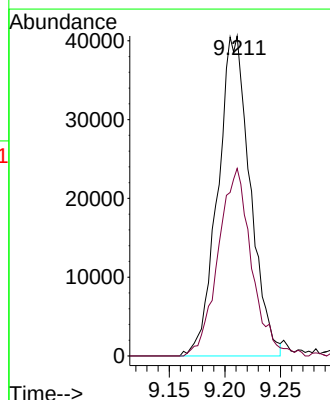
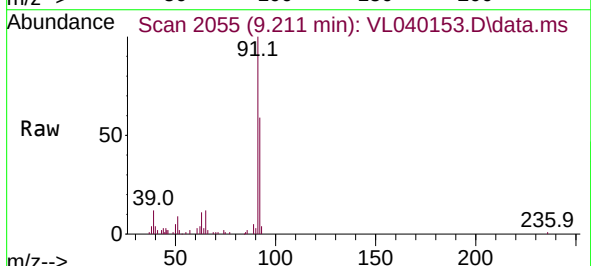
RT: 9.211 min Scan# 2055

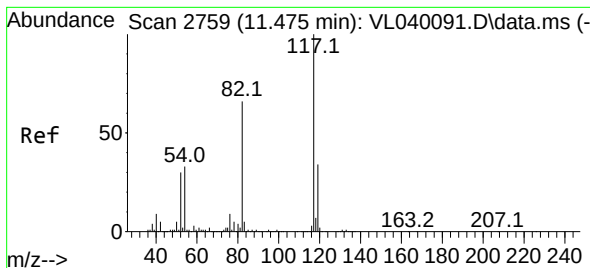
Delta R.T. 0.000 min

Lab File: VL040153.D

Acq: 6 Feb 2023 19:42

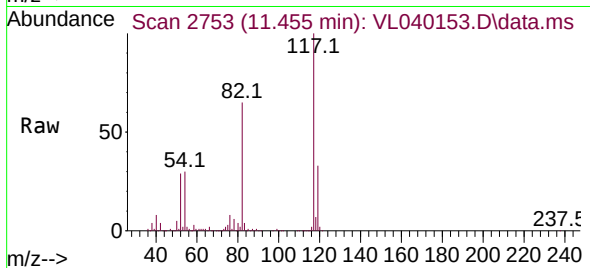
Tgt Ion: 91	Resp: 82165
Ion Ratio	Lower Upper
91 100	
92 60.9	48.3 72.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42

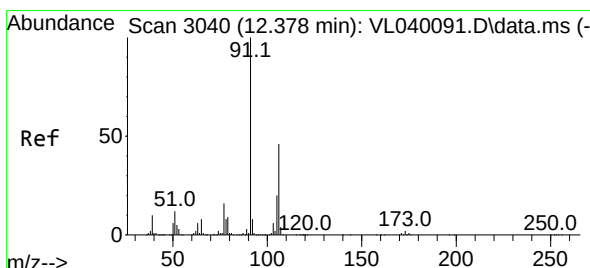
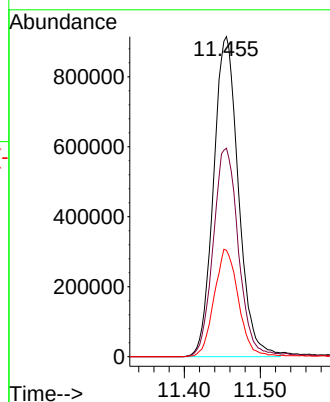
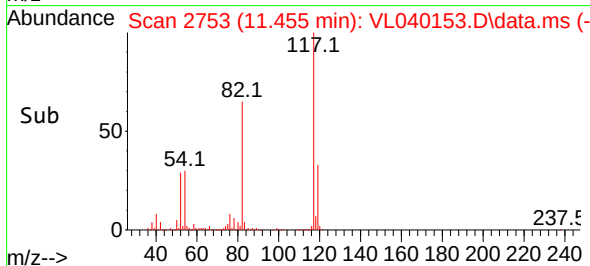
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion: 117 Resp: 208296
Ion Ratio Lower Upper
117 100
82 66.9 54.4 81.6
119 33.0 26.8 40.2

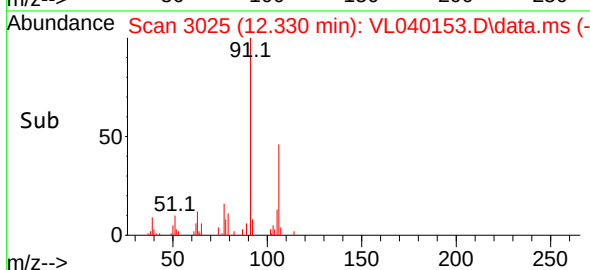
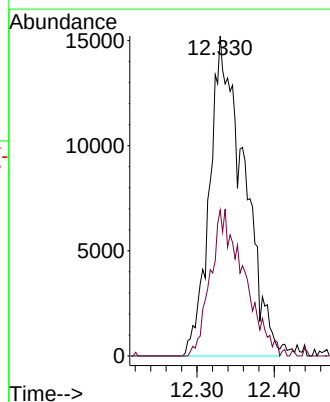
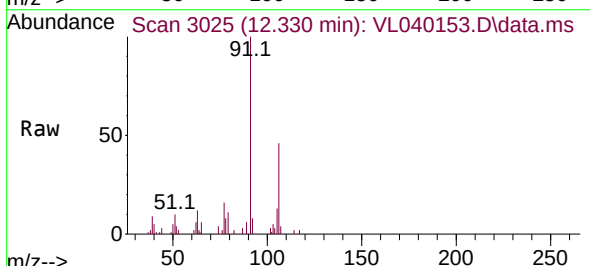
Manual Integrations
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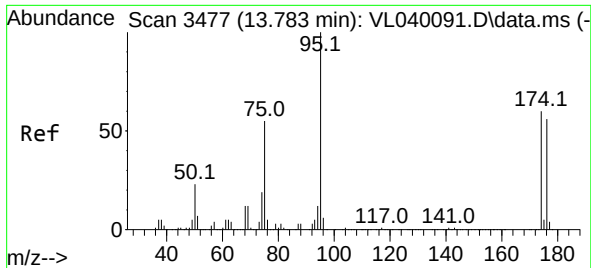
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#59
m/p-Xylene
Concen: 0.225 ppbv m
RT: 12.330 min Scan# 3025
Delta R.T. -0.035 min
Lab File: VL040153.D
Acq: 6 Feb 2023 19:42

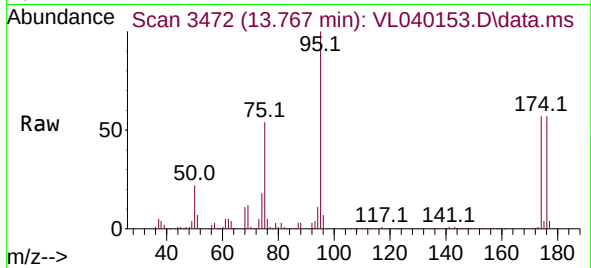
Tgt Ion: 91 Resp: 47059
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.354 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.003 min
 Lab File: VL040153.D
 Acq: 6 Feb 2023 19:42

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL



Tgt Ion: 95 Resp: 161933
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.7 71.5
 175 4.3 3.4 5.2

Manual Integrations
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