

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040151.D
 Acq On : 6 Feb 2023 18:23
 Operator : SY/MD
 Sample : 01438-05DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 05:57:54 2023

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.176	49	943716	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2476275	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2133749	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1582639	8.924	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.200%
Target Compounds						
4) Chloromethane	2.800	50	7699m	0.110	ppbv	Qvalue
9) Propene	2.678	41	99637	2.119	ppbv	98
11) Trichlorofluoromethane	3.546	101	16936m	0.103	ppbv	
13) Ethanol	3.218	45	469543	108.474	ppbv	99
15) Acetone	3.456	43	141138m	1.247	ppbv	
19) Isopropyl Alcohol	3.559	45	1262804	22.804	ppbv #	95
20) Methylene Chloride	3.919	84	259693	5.201	ppbv	95
26) Hexane	5.198	57	22178	0.254	ppbv #	36

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

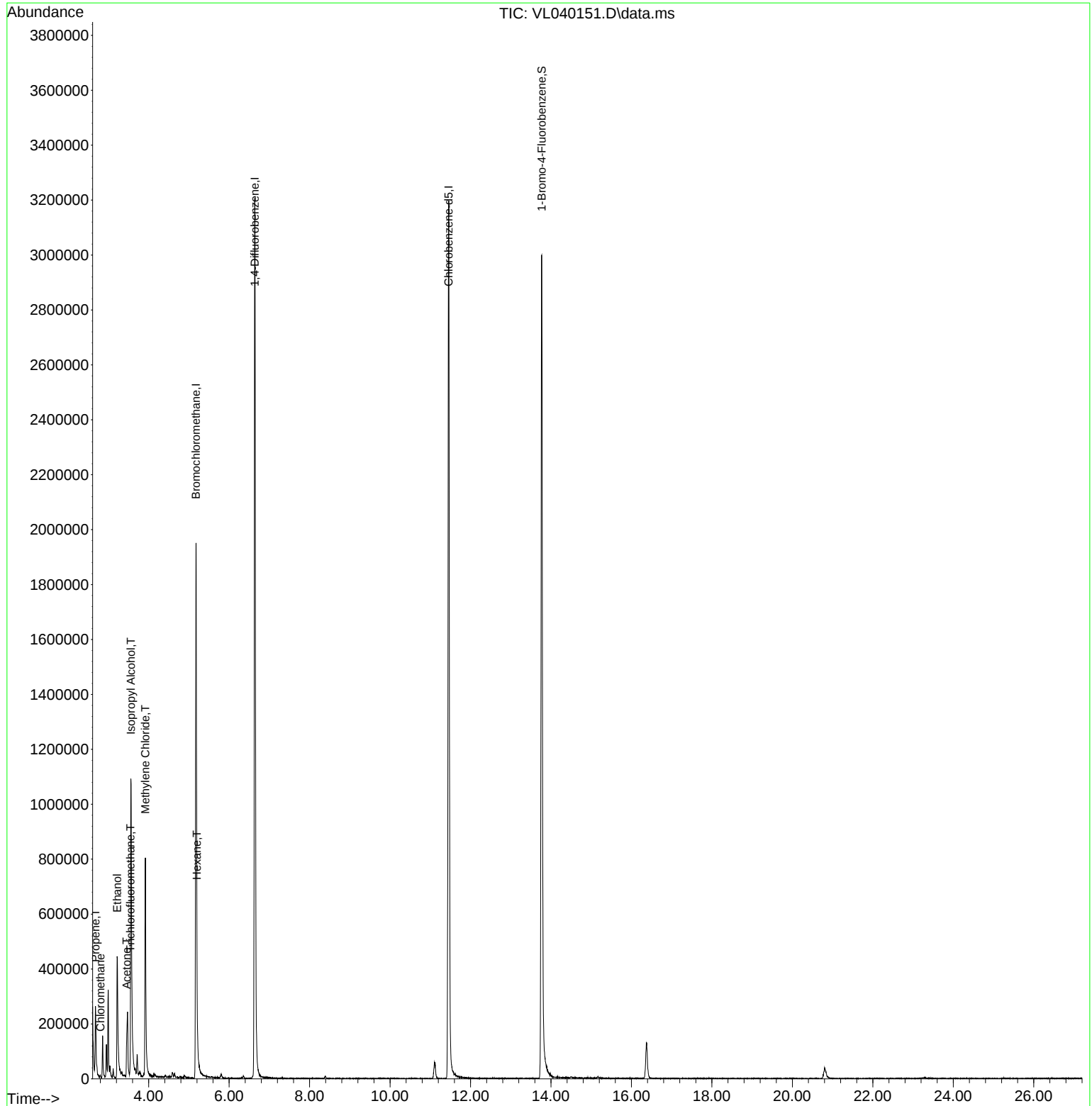
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
Data File : VL040151.D
Acq On : 6 Feb 2023 18:23
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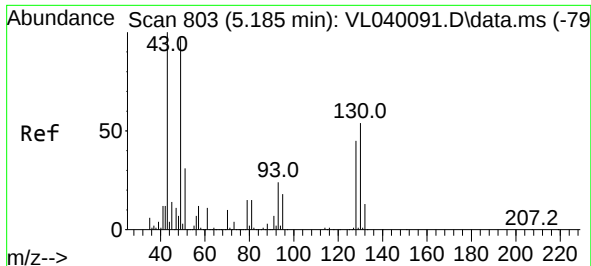
Instrument :
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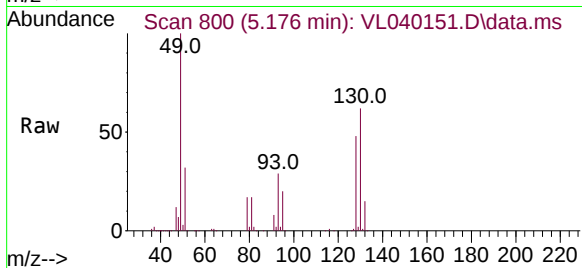
Quant Time: Feb 07 05:57:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 803
Delta R.T. -0.003 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

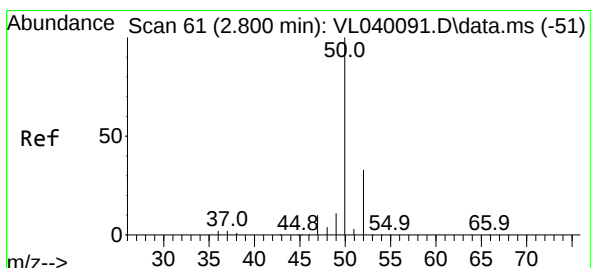
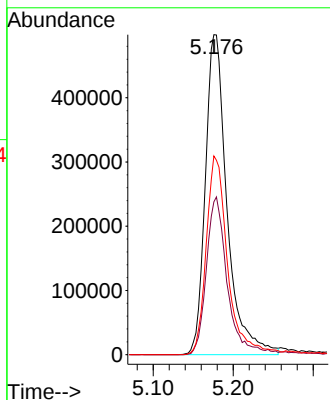
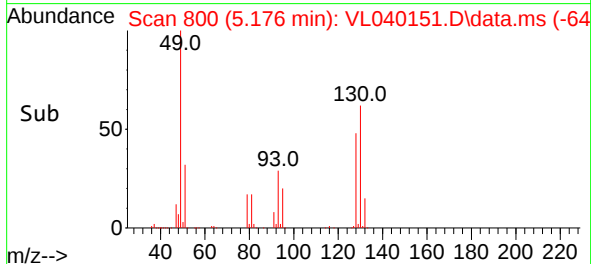
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 49 Resp: 943710
Ion Ratio Lower Upper
49 100
128 48.3 23.6 71.0
130 62.0 29.8 89.3

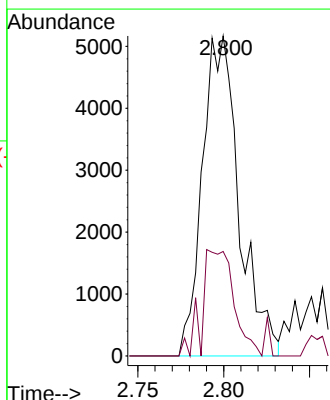
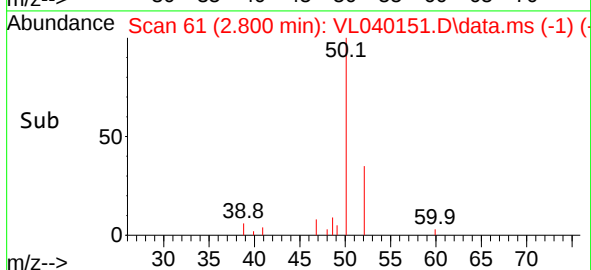
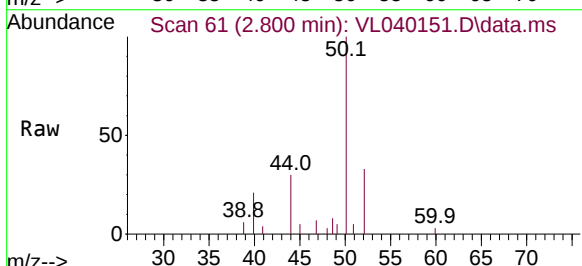
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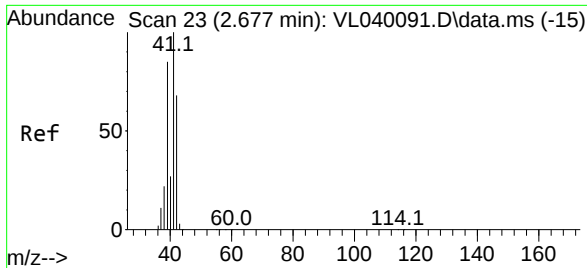
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Chloromethane
Concen: 0.110 ppbv m
RT: 2.800 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

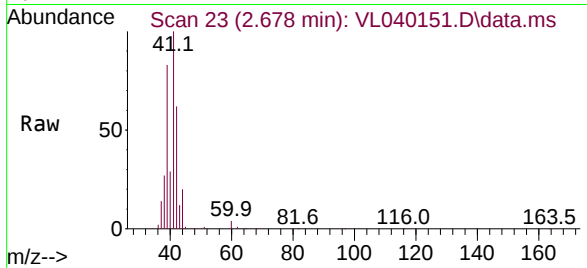
Tgt Ion: 50 Resp: 7699
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7





#9
 Propene
 Concen: 2.119 ppbv
 RT: 2.678 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040151.D
 Acq: 6 Feb 2023 18:23

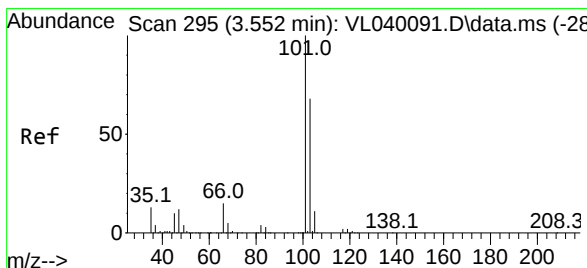
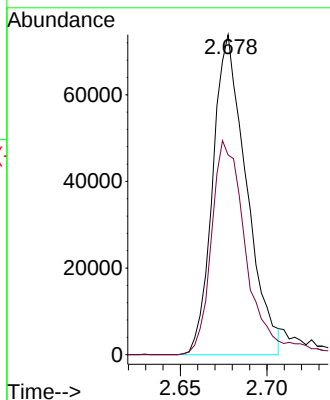
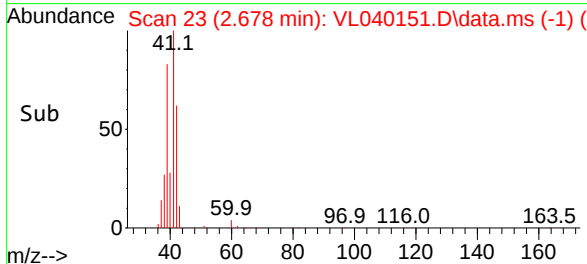
Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL



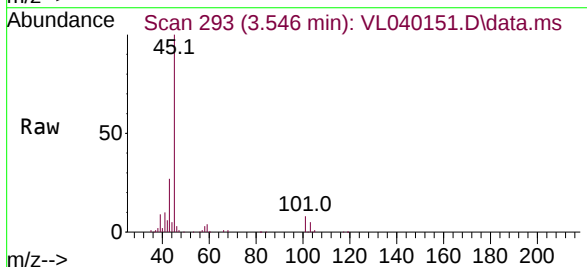
Tgt Ion: 41 Resp: 9963
 Ion Ratio Lower Upper
 41 100
 42 71.2 55.6 83.4

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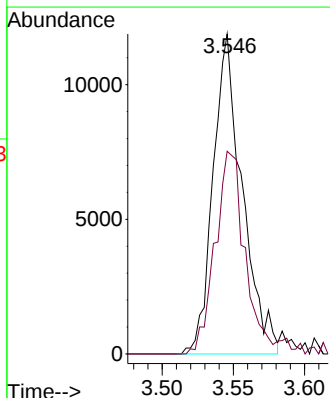
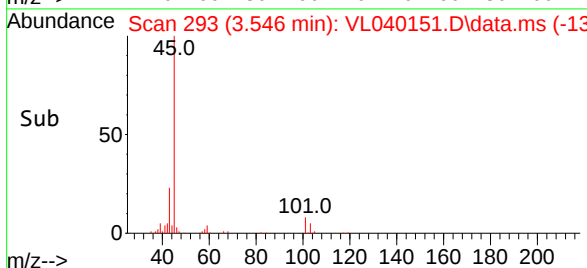
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

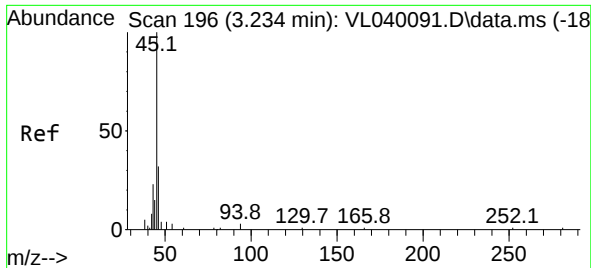


#11
 Trichlorofluoromethane
 Concen: 0.103 ppbv m
 RT: 3.546 min Scan# 293
 Delta R.T. 0.000 min
 Lab File: VL040151.D
 Acq: 6 Feb 2023 18:23



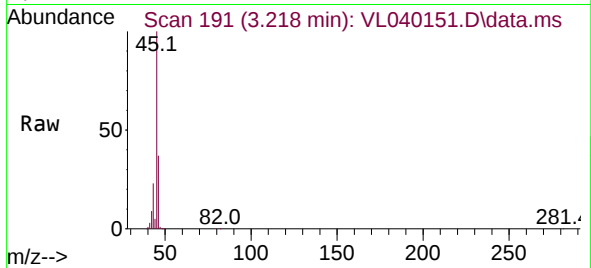
Tgt Ion:101 Resp: 16936
 Ion Ratio Lower Upper
 101 100
 103 63.4 54.0 81.0





#13
Ethanol
Concen: 108.474 ppbv
RT: 3.218 min Scan# 196
Delta R.T. -0.009 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

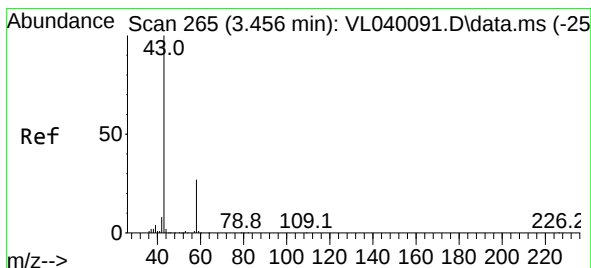
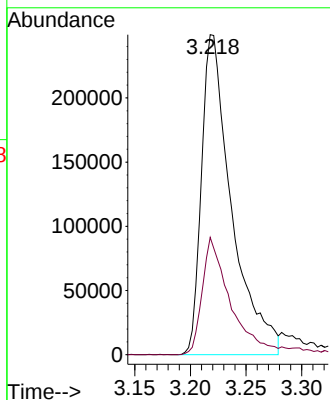
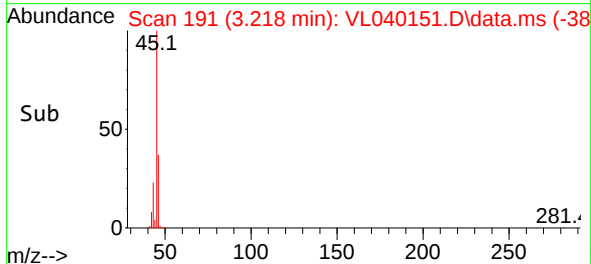
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 45 Resp: 46954
Ion Ratio Lower Upper
45 100
46 37.7 14.8 59.2

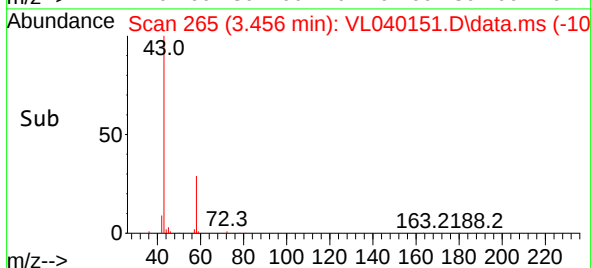
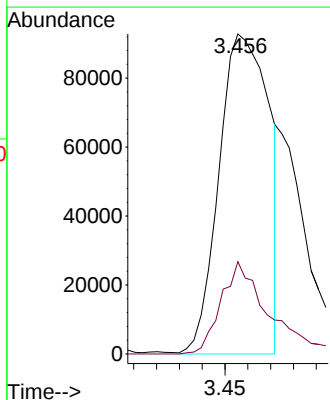
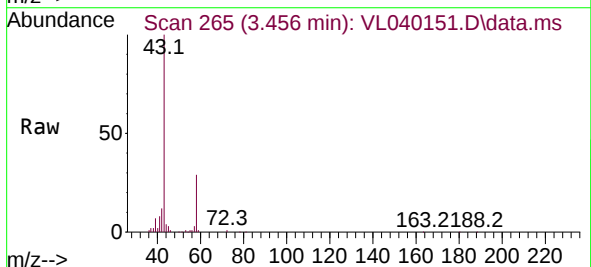
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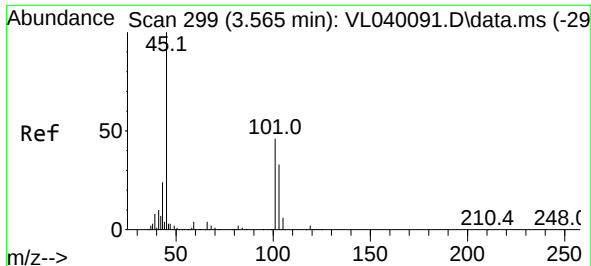
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#15
Acetone
Concen: 1.247 ppbv m
RT: 3.456 min Scan# 265
Delta R.T. 0.007 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

Tgt Ion: 43 Resp: 141138
Ion Ratio Lower Upper
43 100
58 29.1 21.8 32.8





#19

Isopropyl Alcohol

Concen: 22.804 ppbv

RT: 3.559 min Scan# 299

Delta R.T. 0.000 min

Lab File: VL040151.D

Acq: 6 Feb 2023 18:23

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tgt Ion: 45 Resp: 1262804

Ion Ratio Lower Upper

45 100

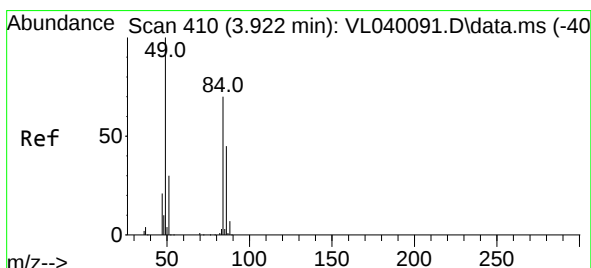
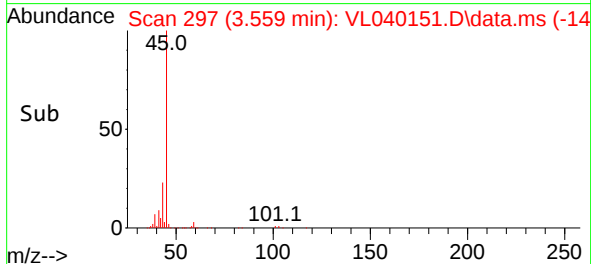
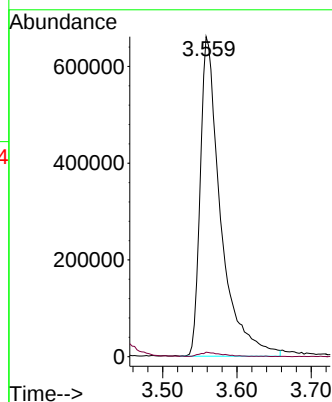
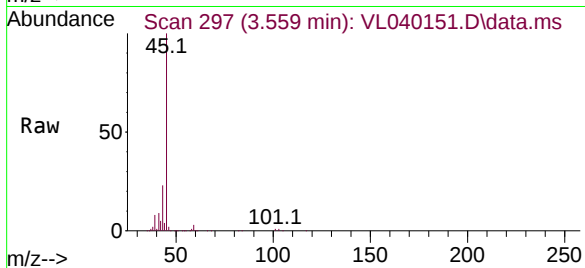
58 1.8 2.6 4.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/08/2023



#20

Methylene Chloride

Concen: 5.201 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.003 min

Lab File: VL040151.D

Acq: 6 Feb 2023 18:23

Tgt Ion: 84 Resp: 259693

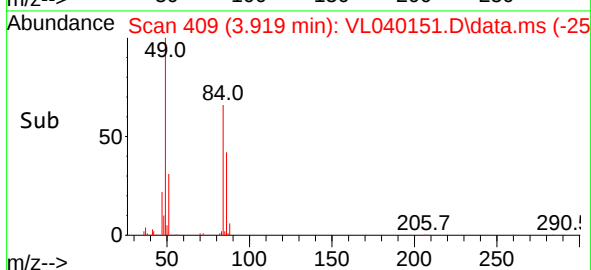
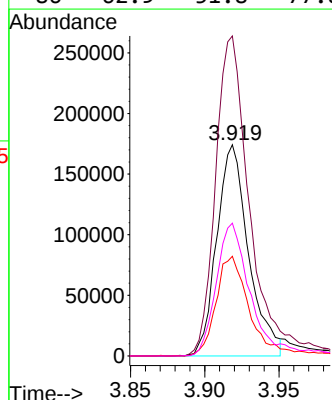
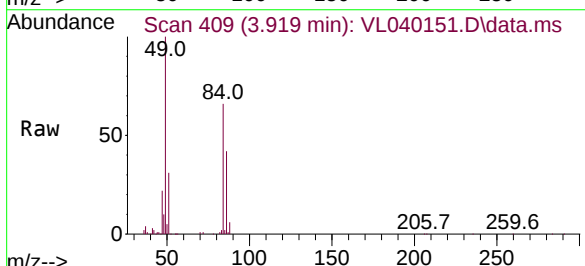
Ion Ratio Lower Upper

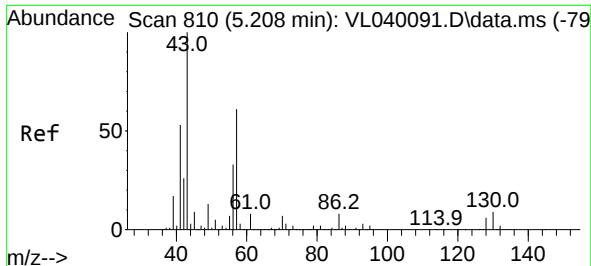
84 100

49 151.2 114.6 171.8

51 47.2 34.3 51.5

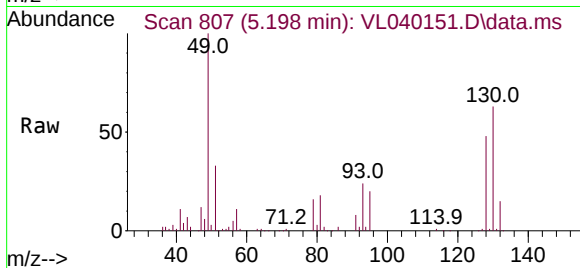
86 62.9 51.8 77.8





#26
Hexane
Concen: 0.254 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

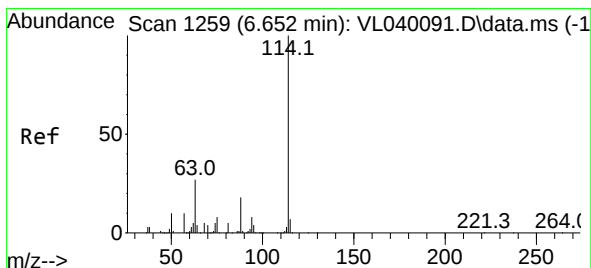
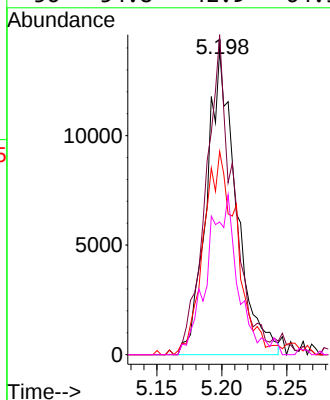
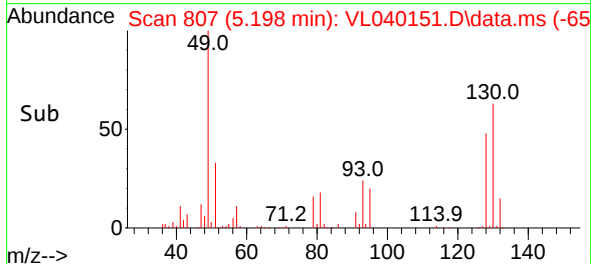
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



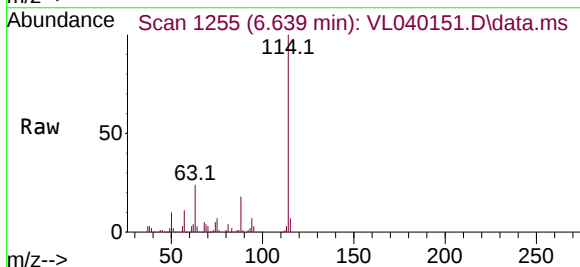
Tgt Ion: 57 Resp: 22178
Ion Ratio Lower Upper
57 100
41 101.1 72.2 108.4
43 75.3 192.1 288.1
56 54.8 42.9 64.3

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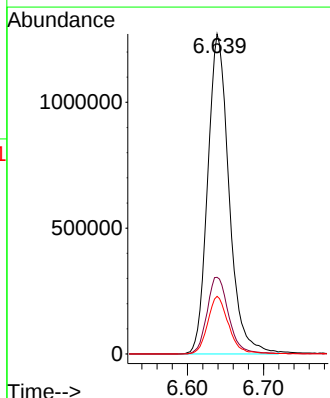
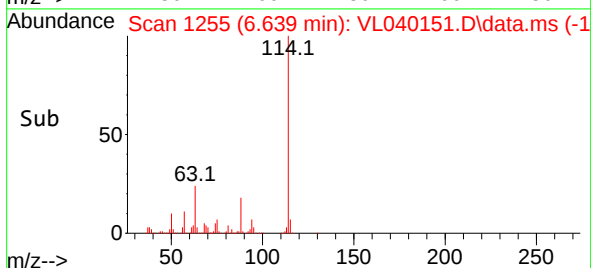
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

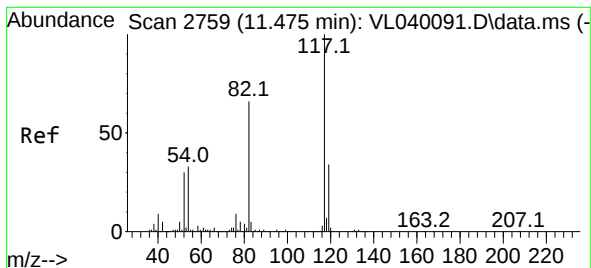


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23



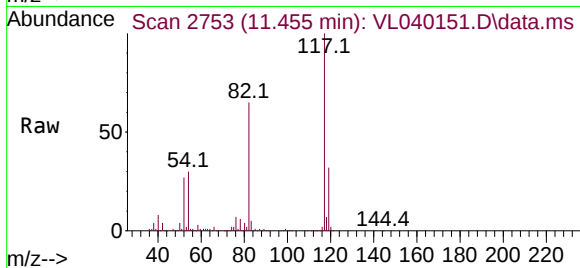
Tgt Ion:114 Resp: 2476275
Ion Ratio Lower Upper
114 100
63 24.6 21.8 32.8
88 17.8 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23

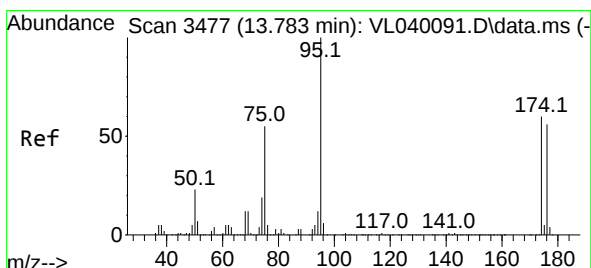
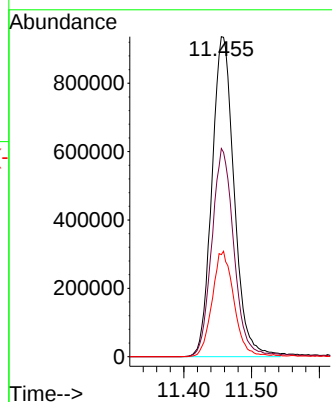
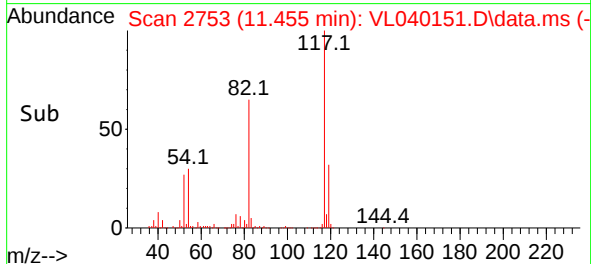
Instrument :
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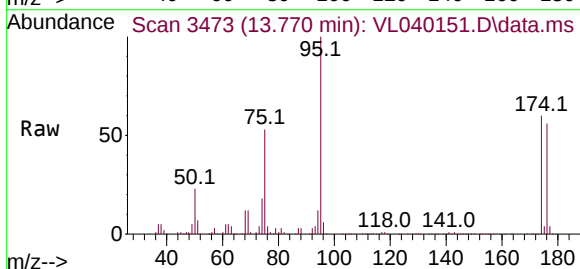
Tgt Ion: 117 Resp: 2133749
Ion Ratio Lower Upper
117 100
82 65.5 54.4 81.6
119 32.8 26.8 40.2

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



#68
1-Bromo-4-Fluorobenzene
Concen: 8.924 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.000 min
Lab File: VL040151.D
Acq: 6 Feb 2023 18:23



Tgt Ion: 95 Resp: 1582639
Ion Ratio Lower Upper
95 100
174 62.7 47.7 71.5
175 4.4 3.4 5.2

