

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040704.D
 Acq On : 18 Sep 2023 18:22
 Operator : SY/MD
 Sample : 04402-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 18 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1118907	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2900939	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2432427	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1866665	9.933	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
4) Chloromethane	2.812	50	7091	0.102	ppbv #	85
9) Propene	2.700	41	9445	0.180	ppbv	85
13) Ethanol	3.246	45	210671m	13.554	ppbv	
15) Acetone	3.472	43	367191	2.488	ppbv	99
19) Isopropyl Alcohol	3.594	45	45998m	0.517	ppbv	
20) Methylene Chloride	3.938	84	730373	9.194	ppbv	94
26) Hexane	5.217	57	436834	3.881	ppbv #	40
34) 2-Butanone	4.806	43	20536	0.141	ppbv	95
53) Toluene	9.233	91	70369m	0.310	ppbv	

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

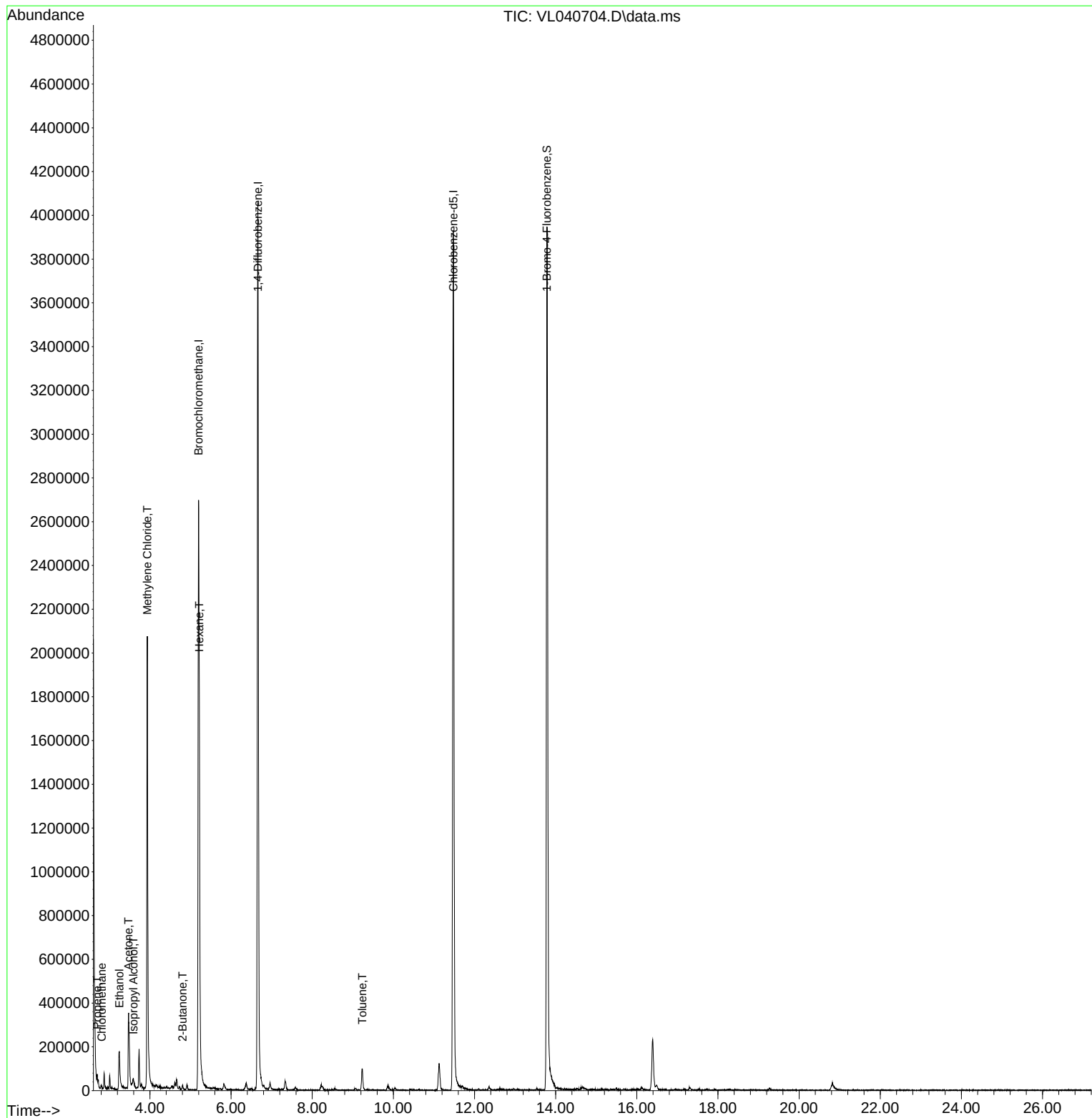
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
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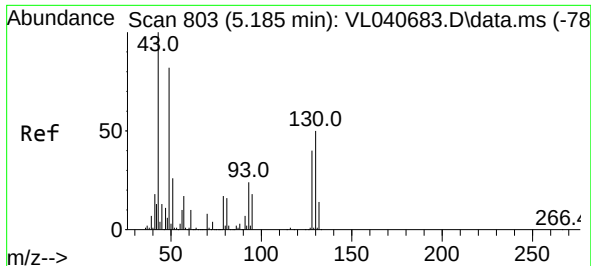
Instrument :
MSVOA_L
ClientSampleId :
ST-4DL

Quant Time: Sep 19 05:20:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

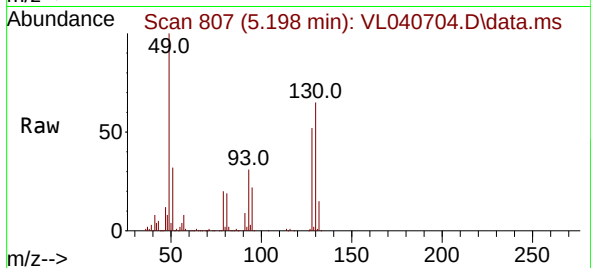
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

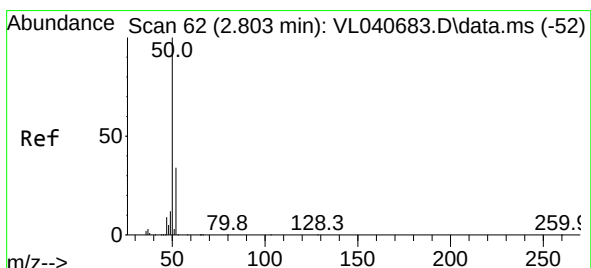
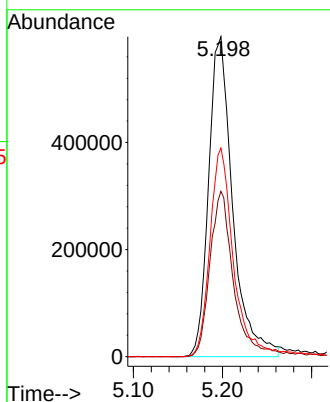
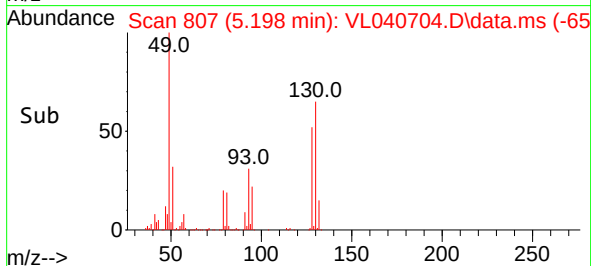
Instrument :
MSVOA_L
ClientSampleId :
ST-4DL



Tgt Ion: 49 Resp: 111890
Ion Ratio Lower Upper
49 100
128 52.4 25.4 76.0
130 65.9 32.3 96.8

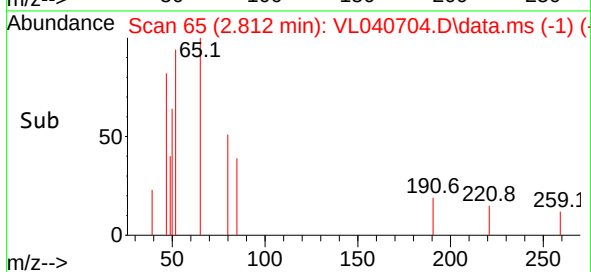
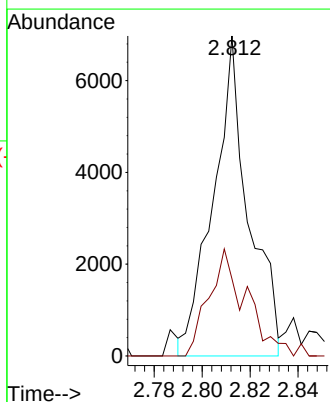
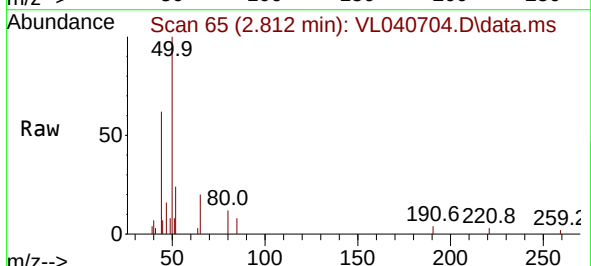
Manual Integrations
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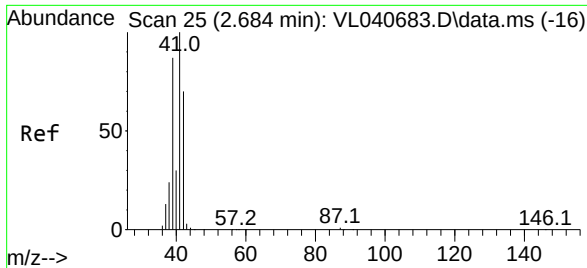
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#4
Chloromethane
Concen: 0.102 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

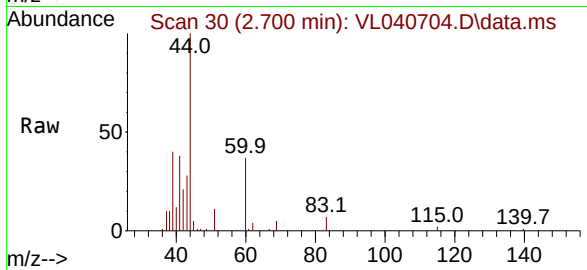
Tgt Ion: 50 Resp: 7091
Ion Ratio Lower Upper
50 100
52 25.5 27.1 40.7#





#9
 Propene
 Concen: 0.180 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL040704.D
 Acq: 18 Sep 2023 18:22

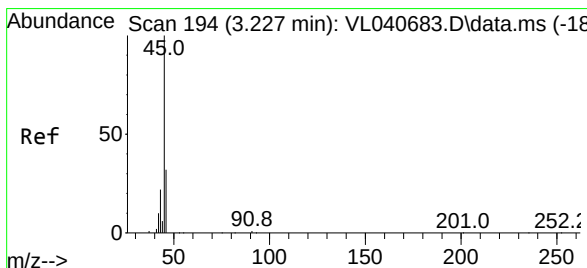
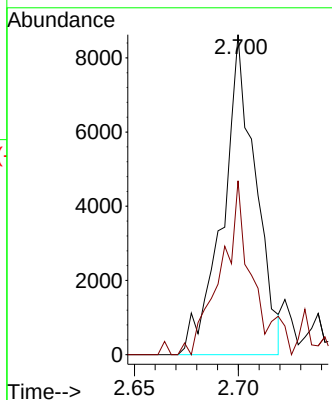
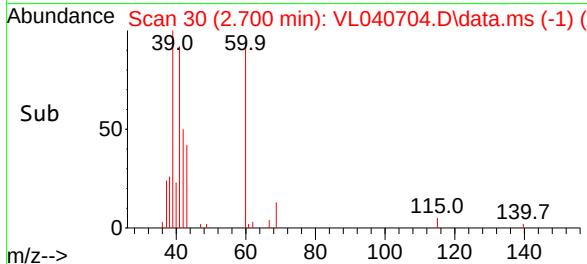
Instrument :
 MSVOA_L
 ClientSampleId :
 ST-4DL



Tgt Ion: 41 Resp: 944
 Ion Ratio Lower Upper
 41 100
 42 58.9 56.7 85.1

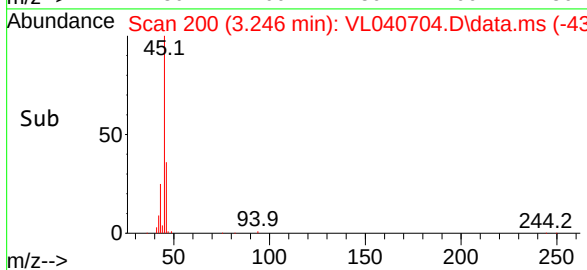
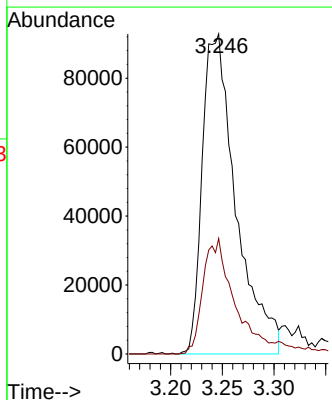
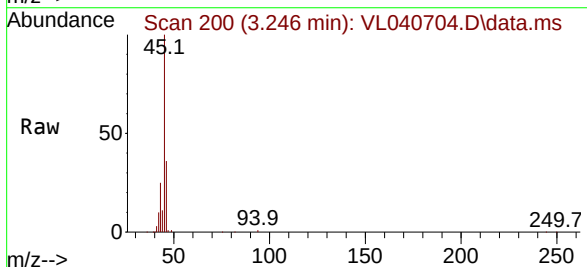
Manual Integrations
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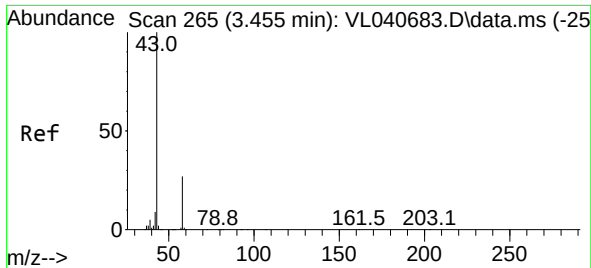
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#13
 Ethanol
 Concen: 13.554 ppbv m
 RT: 3.246 min Scan# 200
 Delta R.T. 0.003 min
 Lab File: VL040704.D
 Acq: 18 Sep 2023 18:22

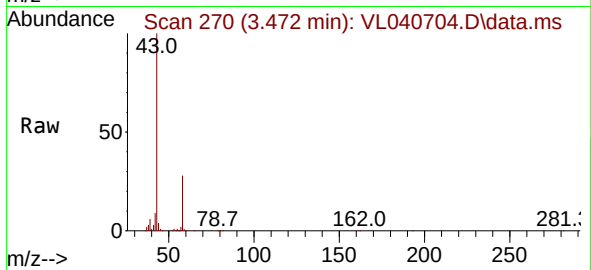
Tgt Ion: 45 Resp: 210671
 Ion Ratio Lower Upper
 45 100
 46 36.3 15.2 61.0





#15
Acetone
Concen: 2.488 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

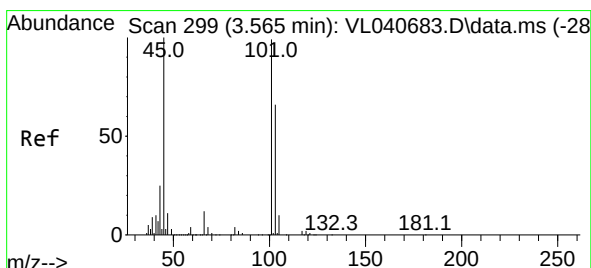
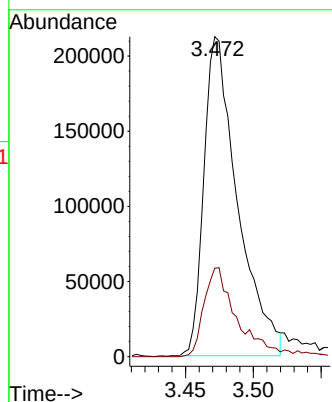
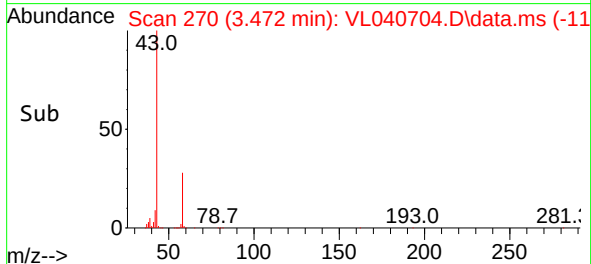
Instrument :
MSVOA_L
ClientSampleId :
ST-4DL



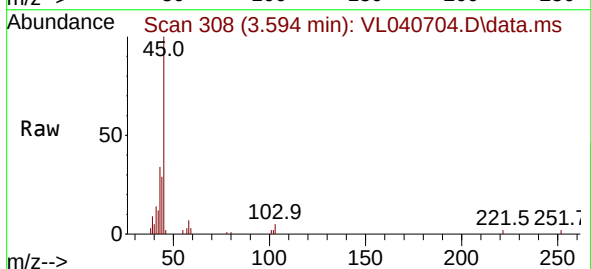
Tgt Ion: 43 Resp: 36719
Ion Ratio Lower Upper
43 100
58 28.6 22.6 34.0

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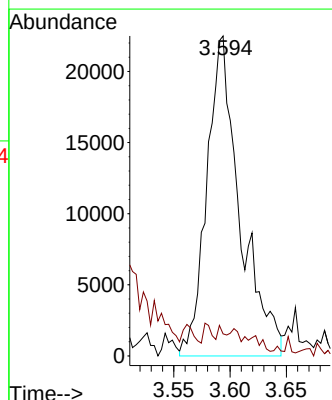
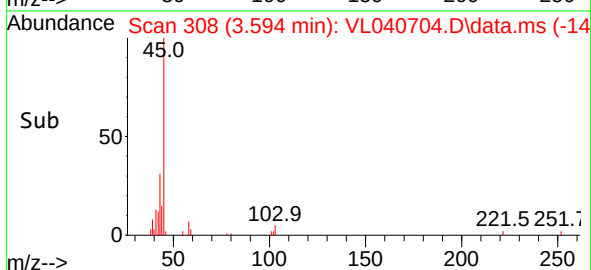
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

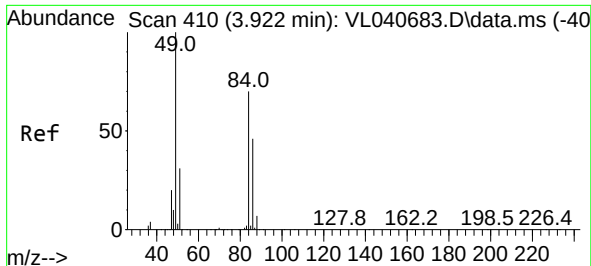


#19
Isopropyl Alcohol
Concen: 0.517 ppbv m
RT: 3.594 min Scan# 308
Delta R.T. 0.016 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22



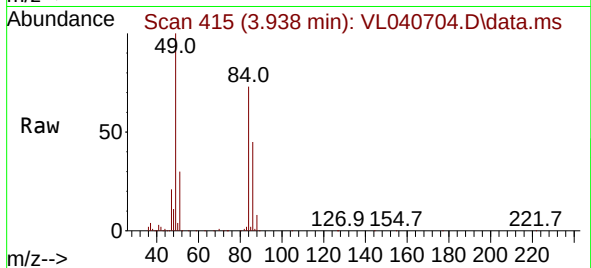
Tgt Ion: 45 Resp: 45998
Ion Ratio Lower Upper
45 100
58 11.0 1.9 2.9#





#20
Methylene Chloride
Concen: 9.194 ppbv
RT: 3.938 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

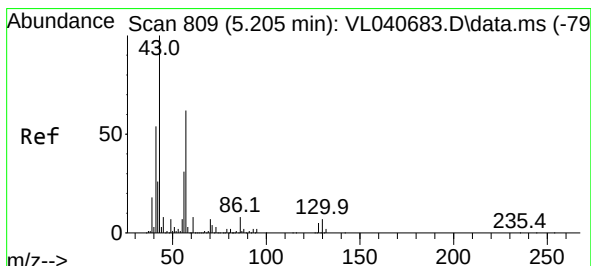
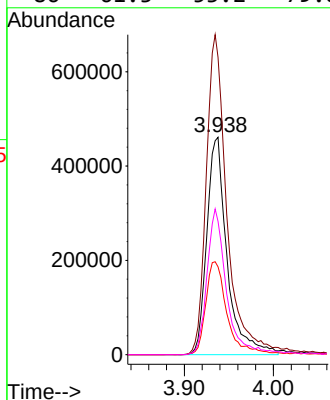
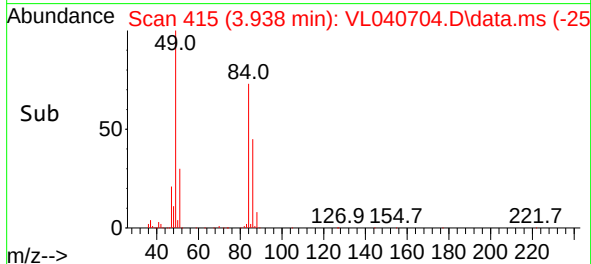
Instrument :
MSVOA_L
ClientSampleId :
ST-4DL



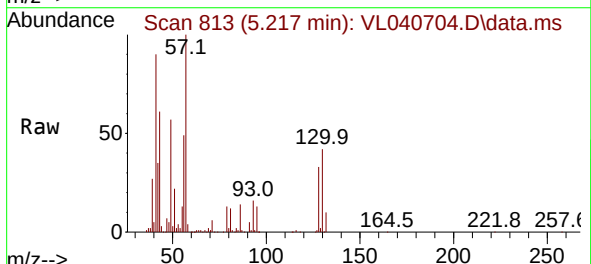
Tgt Ion: 84 Resp: 73037
Ion Ratio Lower Upper
84 100
49 136.8 114.4 171.6
51 40.4 35.5 53.3
86 61.3 53.2 79.8

Manual Integrations
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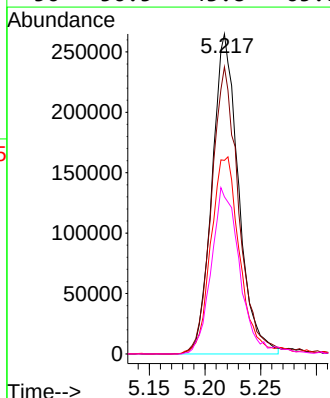
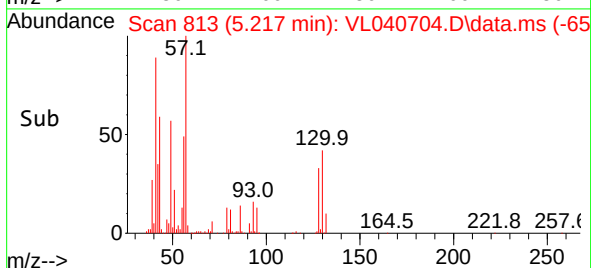
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

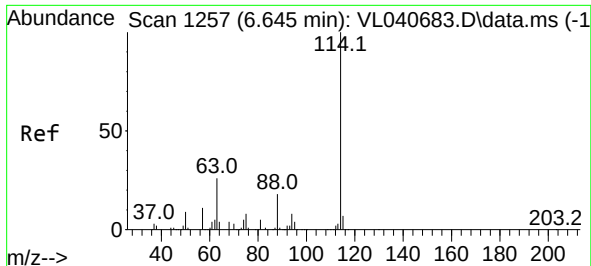


#26
Hexane
Concen: 3.881 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22



Tgt Ion: 57 Resp: 436834
Ion Ratio Lower Upper
57 100
41 94.2 75.2 112.8
43 68.5 185.6 278.4#
56 56.5 43.8 65.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040704.D

Acq: 18 Sep 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

ST-4DL

Tgt Ion:114 Resp: 2900939

Ion Ratio Lower Upper

114 100

63 26.0 21.1 31.7

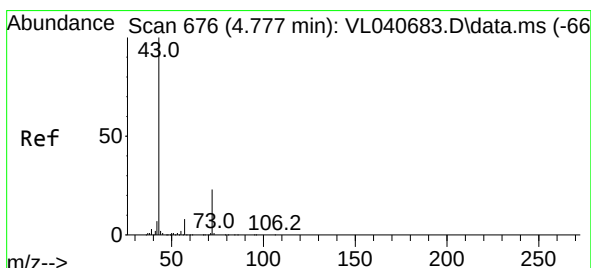
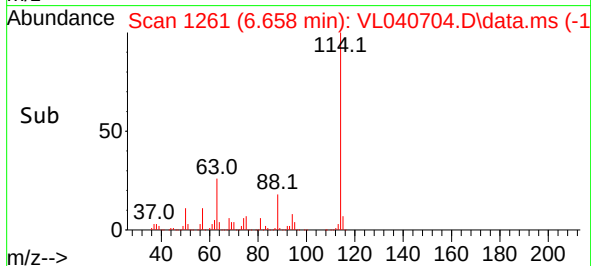
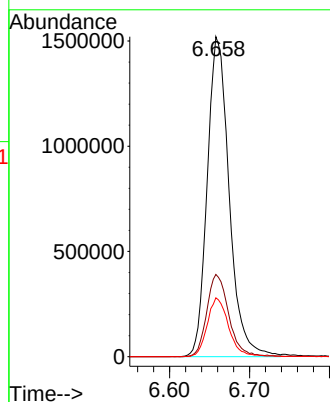
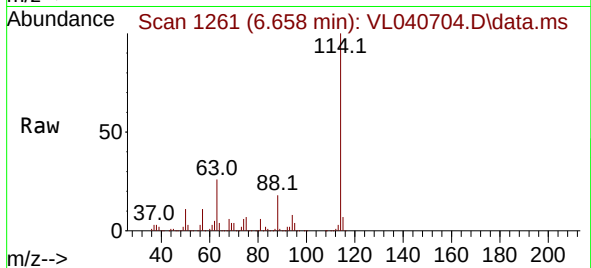
88 17.9 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#34

2-Butanone

Concen: 0.141 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.016 min

Lab File: VL040704.D

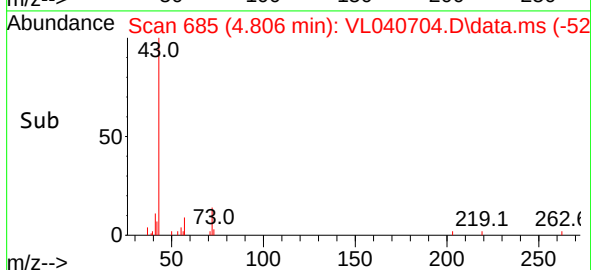
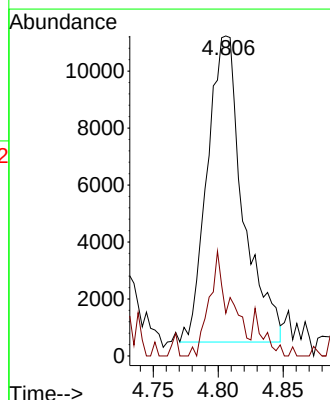
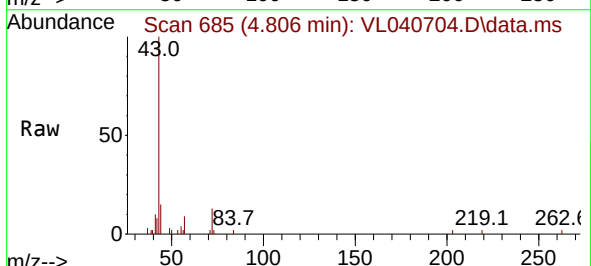
Acq: 18 Sep 2023 18:22

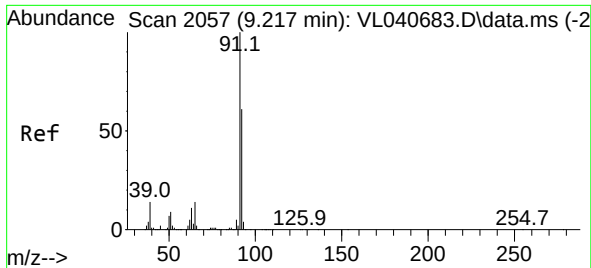
Tgt Ion: 43 Resp: 20536

Ion Ratio Lower Upper

43 100

72 25.7 18.6 27.8





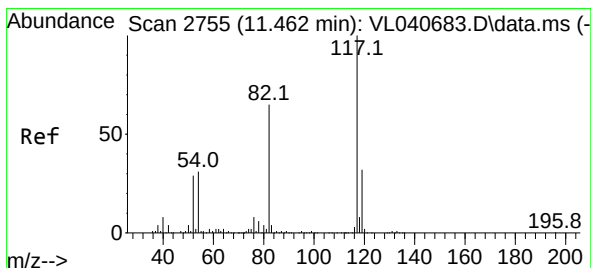
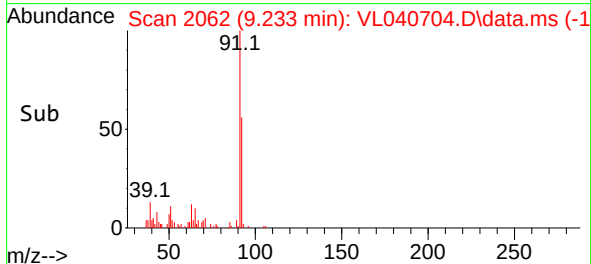
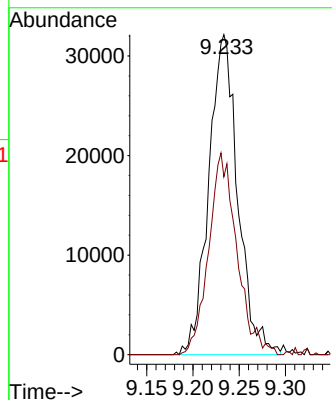
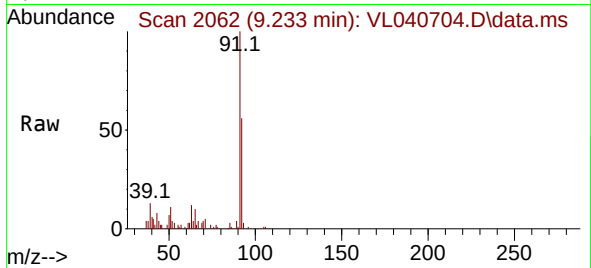
#53
Toluene
Concen: 0.310 ppbv m
RT: 9.233 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

Instrument :
MSVOA_L
ClientSampleId :
ST-4DL

Tgt Ion: 91 Resp: 70369
Ion Ratio Lower Upper
91 100
92 61.6 48.5 72.7

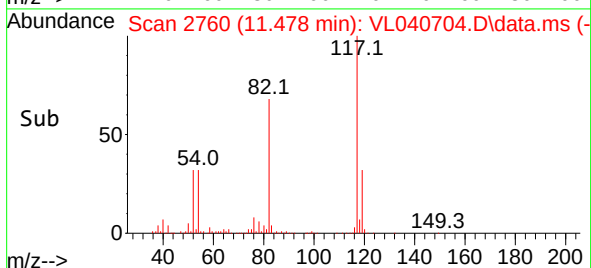
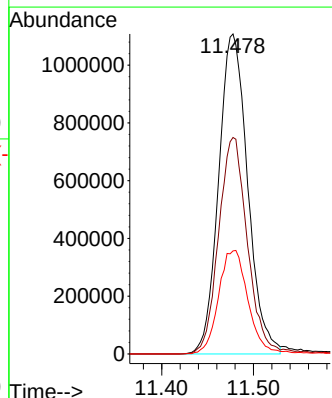
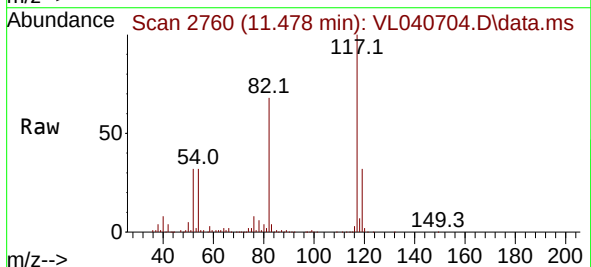
Manual Integrations
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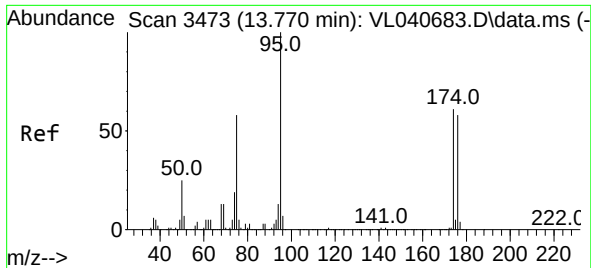
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040704.D
Acq: 18 Sep 2023 18:22

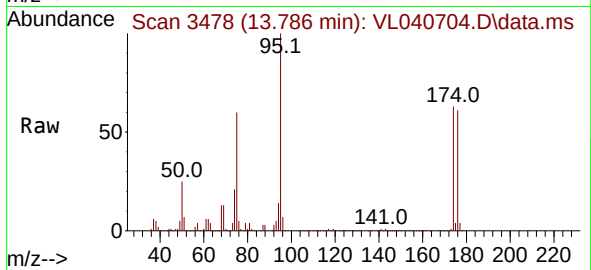
Tgt Ion:117 Resp: 2432427
Ion Ratio Lower Upper
117 100
82 68.1 51.4 77.0
119 33.4 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.933 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040704.D
 Acq: 18 Sep 2023 18:22

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-4DL



Tgt Ion: 95 Resp: 186666
 Ion Ratio Lower Upper
 95 100
 174 62.7 48.9 73.3
 175 4.5 3.5 5.3

Manual Integrations
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 Supervised By :Mahesh Dadoda 09/19/2023

