

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041424.D
 Acq On : 29 Jul 2024 11:32
 Operator : SY/MD
 Sample : P3356-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:47:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1151179	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3026280	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2815773	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2157657	9.957	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
4) Chloromethane	2.803	50	8170m	0.112	ppbv	
9) Propene	2.697	41	16535m	0.263	ppbv	
13) Ethanol	3.230	45	116843	20.766	ppbv	89
15) Acetone	3.459	43	334703	2.559	ppbv	99
19) Isopropyl Alcohol	3.574	45	30821	0.403	ppbv #	93
20) Methylene Chloride	3.922	84	2538402	52.043	ppbv	97
26) Hexane	5.205	57	1942337	18.019	ppbv #	37

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

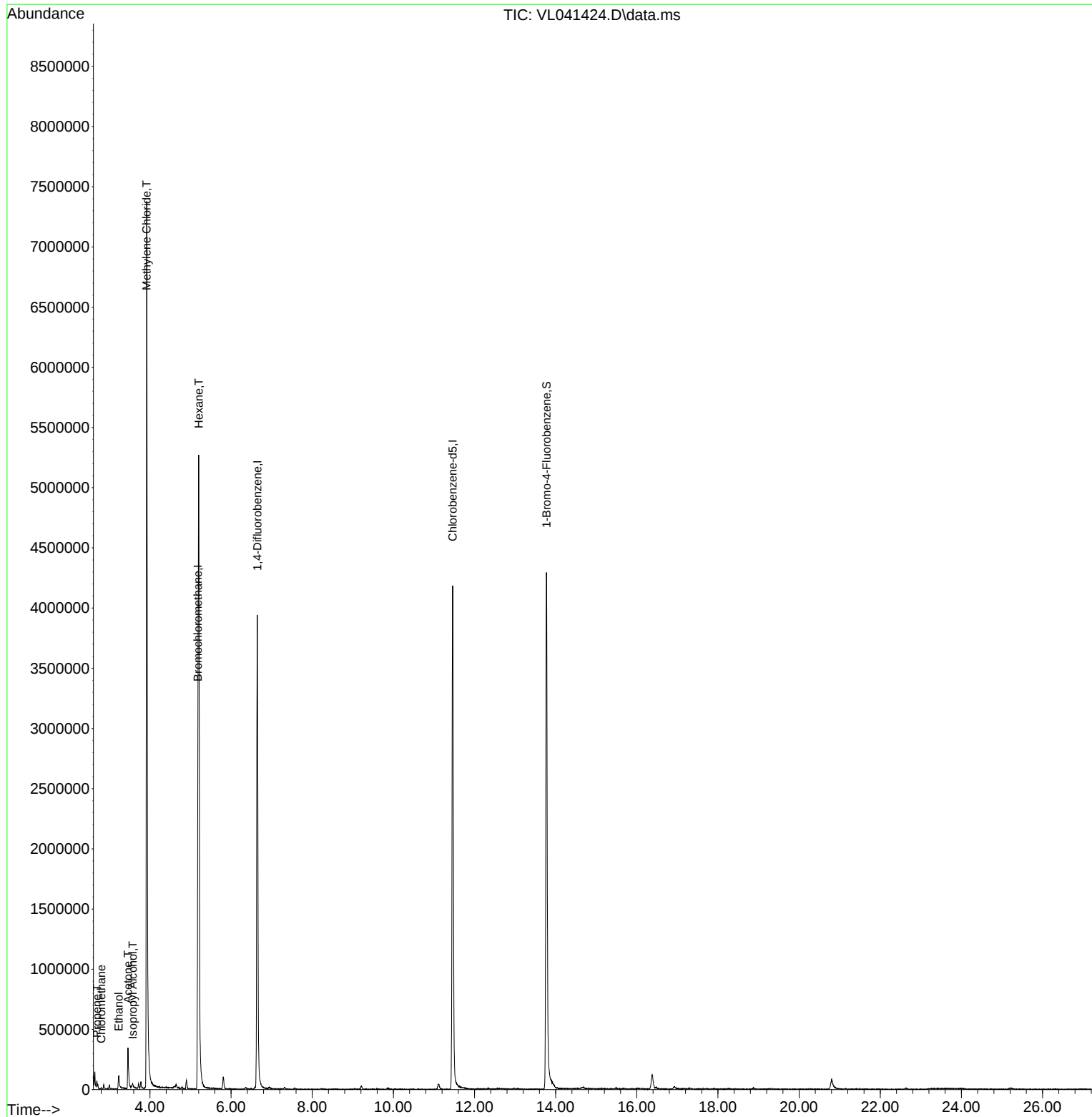
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041424.D
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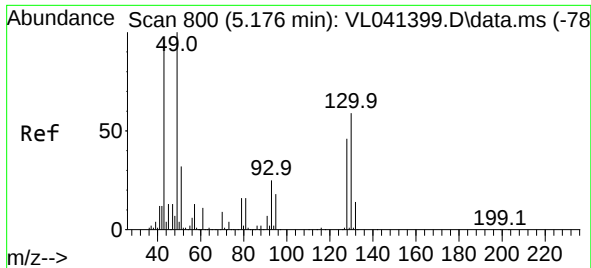
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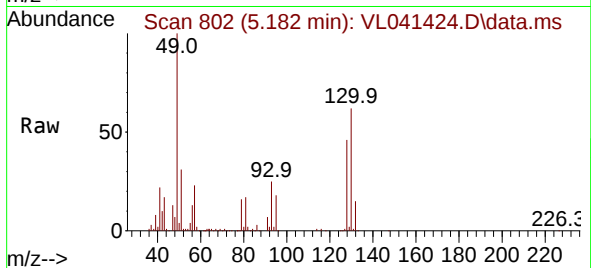
Quant Time: Jul 30 02:47:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041424.D
Acq: 29 Jul 2024 11:32

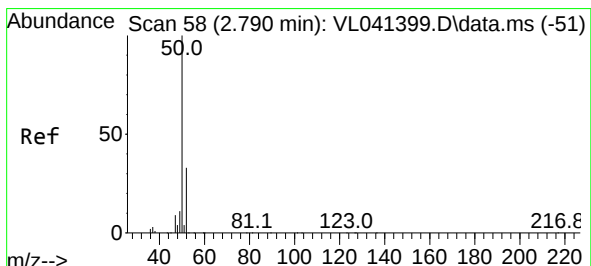
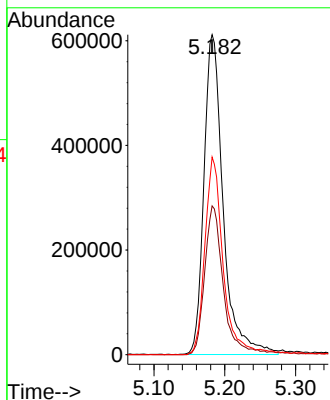
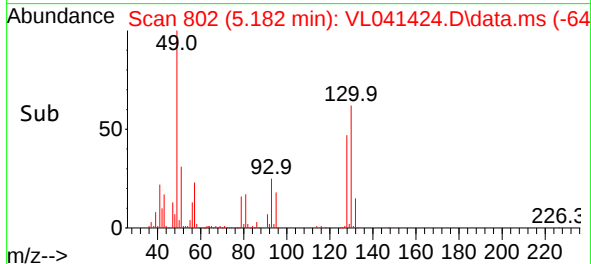
Instrument :
MSVOA_L
ClientSampleId :
2DL



Tgt Ion: 49 Resp: 1151179
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 59.9 30.8 92.4

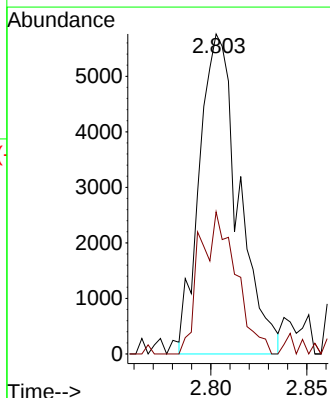
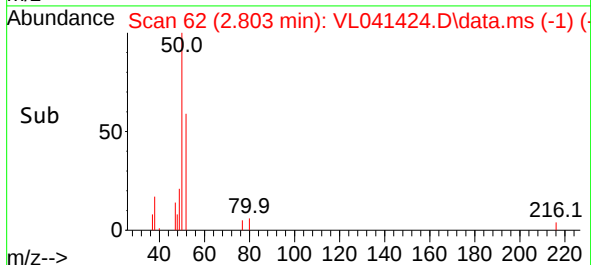
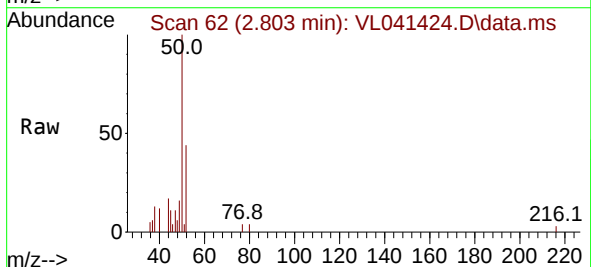
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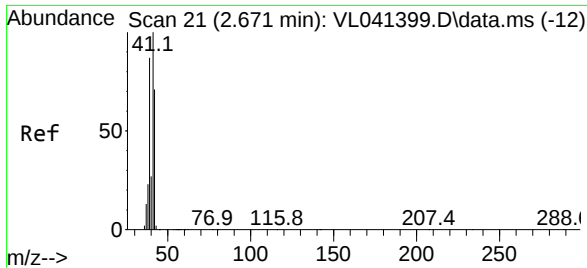
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#4
Chloromethane
Concen: 0.112 ppbv m
RT: 2.803 min Scan# 62
Delta R.T. 0.010 min
Lab File: VL041424.D
Acq: 29 Jul 2024 11:32

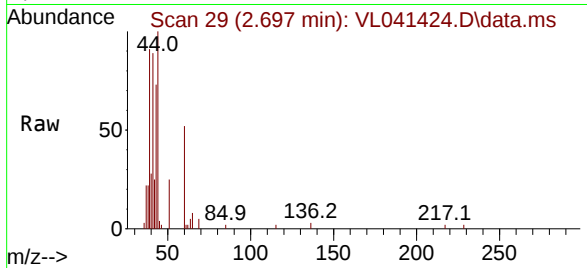
Tgt Ion: 50 Resp: 8170
Ion Ratio Lower Upper
50 100
52 44.4 26.1 39.1#





#9
 Propene
 Concen: 0.263 ppbv m
 RT: 2.697 min Scan# 21
 Delta R.T. 0.026 min
 Lab File: VL041424.D
 Acq: 29 Jul 2024 11:32

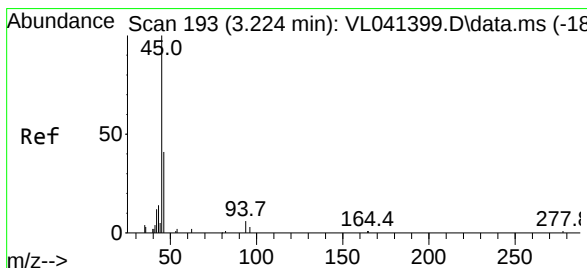
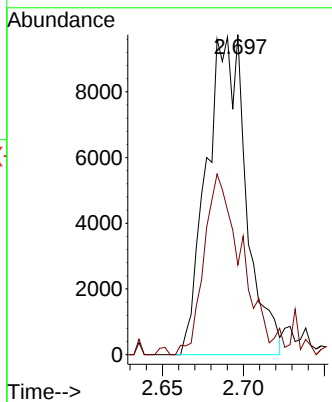
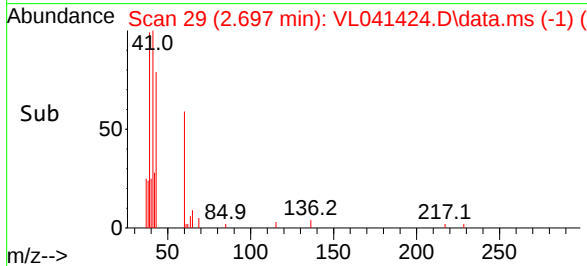
Instrument :
 MSVOA_L
 ClientSampleId :
 2DL



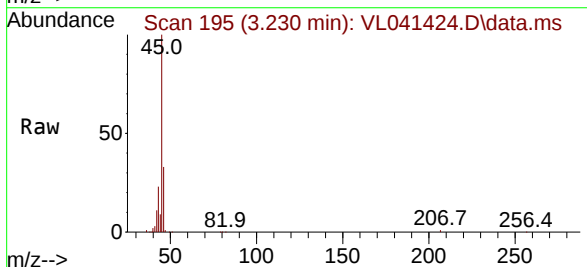
Tgt Ion: 41 Resp: 1653
 Ion Ratio Lower Upper
 41 100
 42 57.9 55.9 83.9

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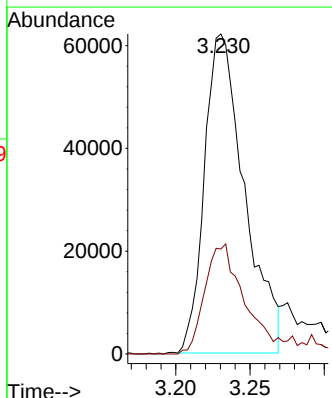
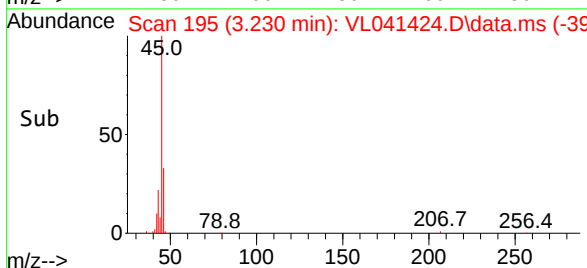
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 Supervised By :Semsettin Yesilyurt 07/30/2024

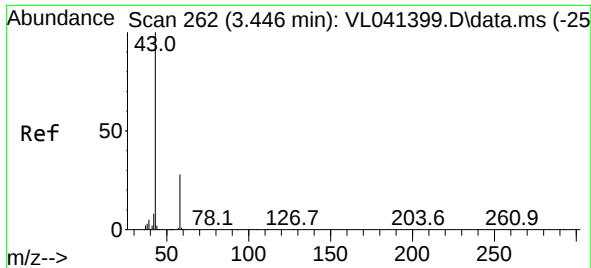


#13
 Ethanol
 Concen: 20.766 ppbv
 RT: 3.230 min Scan# 195
 Delta R.T. 0.003 min
 Lab File: VL041424.D
 Acq: 29 Jul 2024 11:32



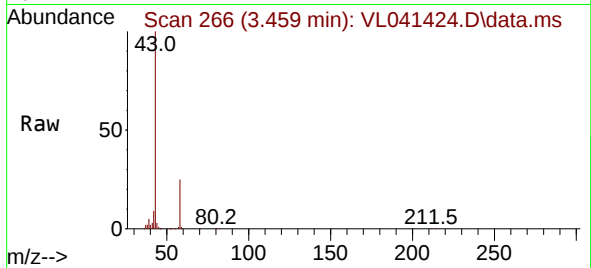
Tgt Ion: 45 Resp: 116843
 Ion Ratio Lower Upper
 45 100
 46 39.6 13.4 53.4





#15
Acetone
Concen: 2.559 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041424.D
Acq: 29 Jul 2024 11:32

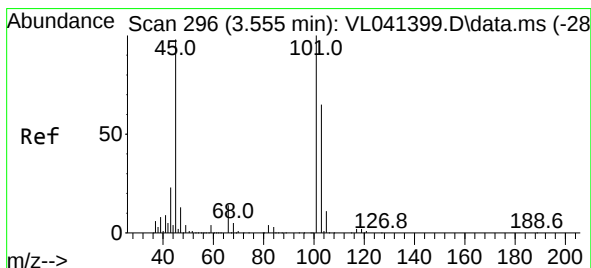
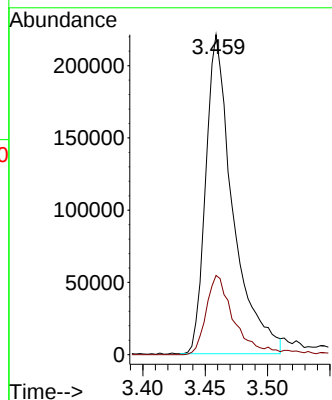
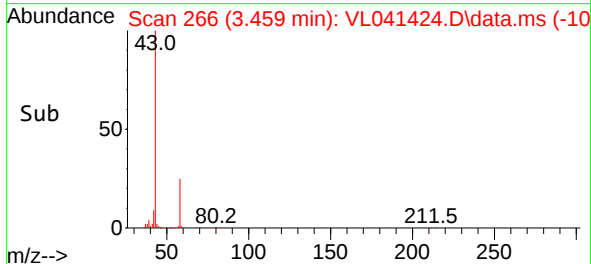
Instrument :
MSVOA_L
ClientSampleId :
2DL



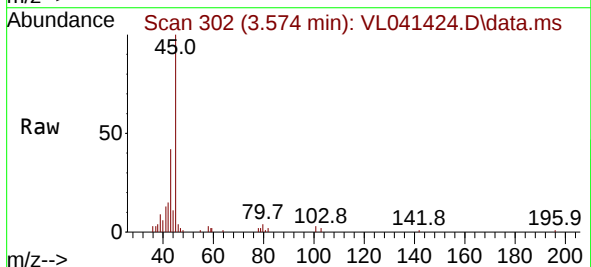
Tgt Ion: 43 Resp: 33470
Ion Ratio Lower Upper
43 100
58 26.5 21.4 32.2

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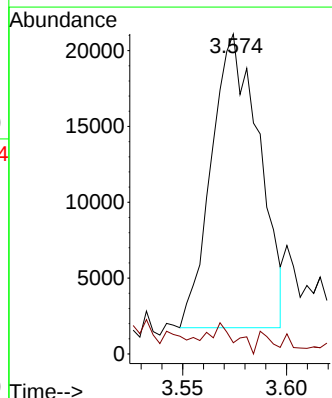
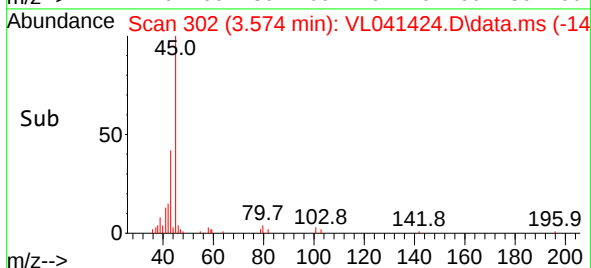
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

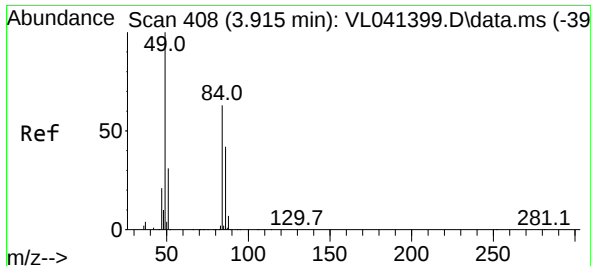


#19
Isopropyl Alcohol
Concen: 0.403 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.013 min
Lab File: VL041424.D
Acq: 29 Jul 2024 11:32



Tgt Ion: 45 Resp: 30821
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#





#20

Methylene Chloride

Concen: 52.043 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.003 min

Lab File: VL041424.D

Acq: 29 Jul 2024 11:32

Instrument :

MSVOA_L

ClientSampleId :

2DL

Tgt Ion: 84 Resp: 253840

Ion Ratio Lower Upper

84 100

49 154.2 126.6 190.0

51 50.8 38.6 58.0

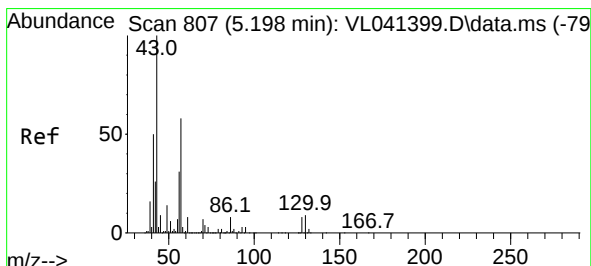
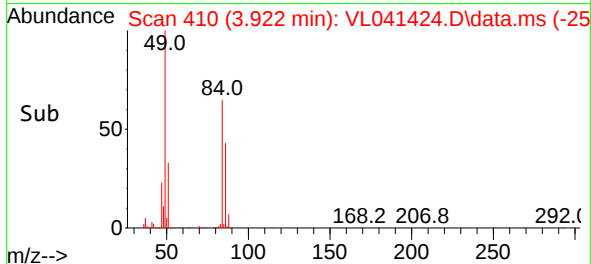
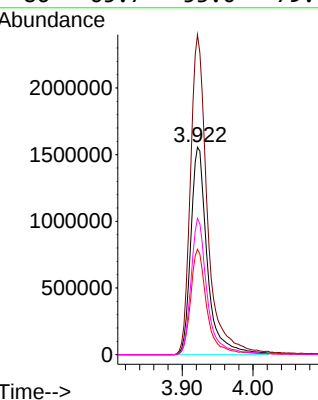
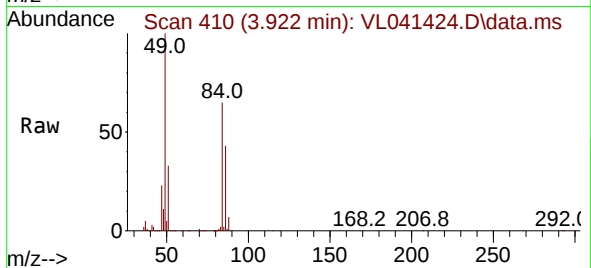
86 65.7 53.0 79.4

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#26

Hexane

Concen: 18.019 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.006 min

Lab File: VL041424.D

Acq: 29 Jul 2024 11:32

Tgt Ion: 57 Resp: 1942337

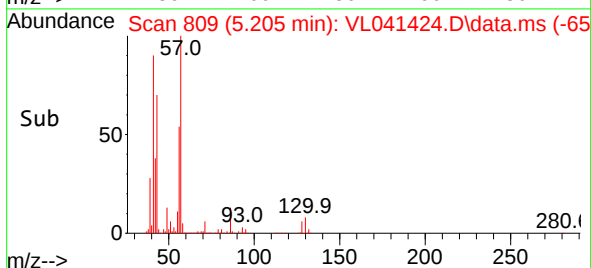
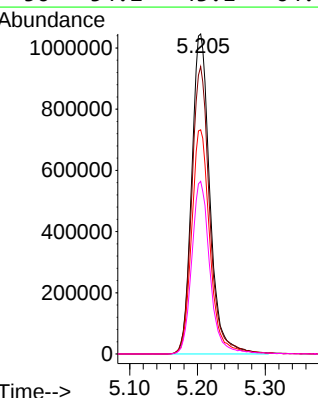
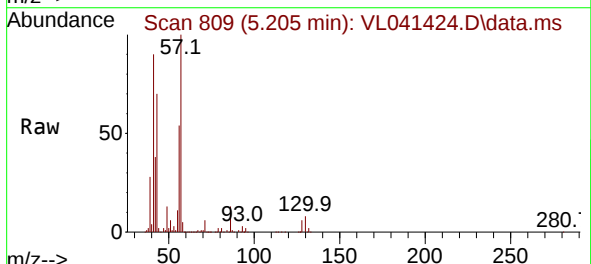
Ion Ratio Lower Upper

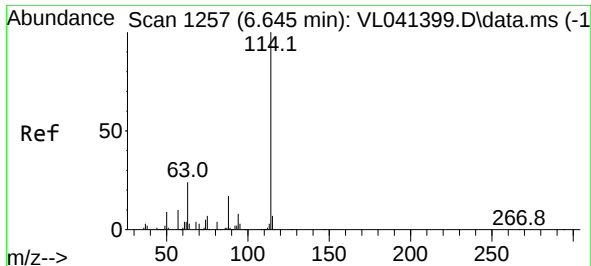
57 100

41 90.0 74.0 111.0

43 70.8 193.6 290.4#

56 54.2 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VL041424.D

Acq: 29 Jul 2024 11:32

Instrument :

MSVOA_L

ClientSampleId :

2DL

Tgt Ion:114 Resp: 3026280

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

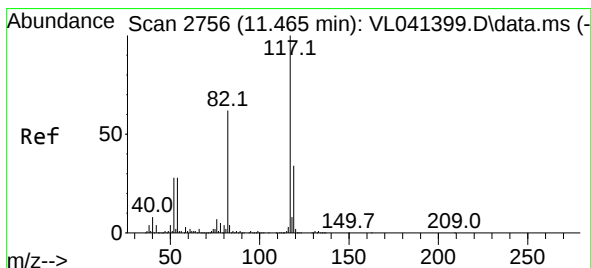
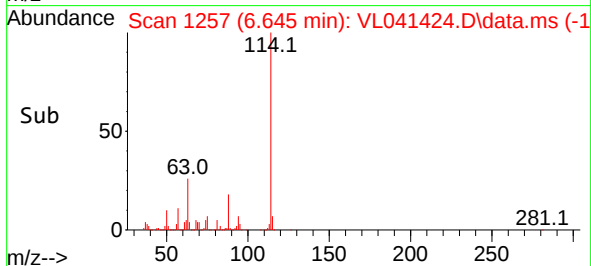
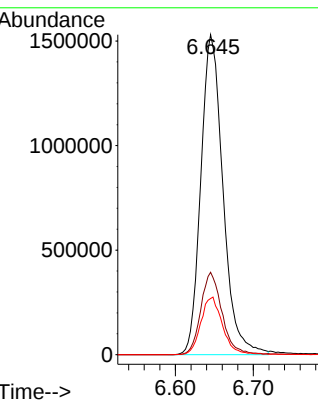
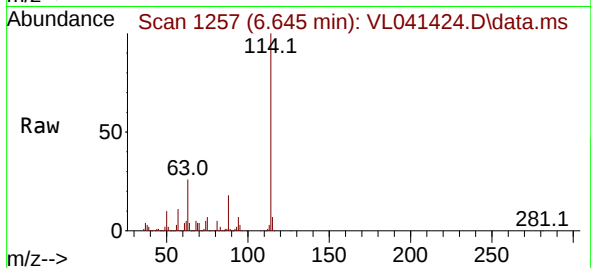
88 17.8 14.3 21.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.003 min

Lab File: VL041424.D

Acq: 29 Jul 2024 11:32

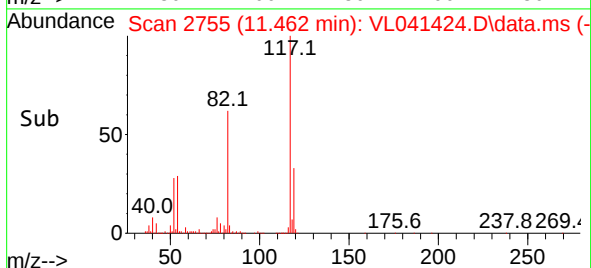
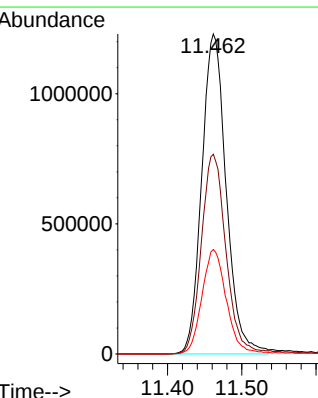
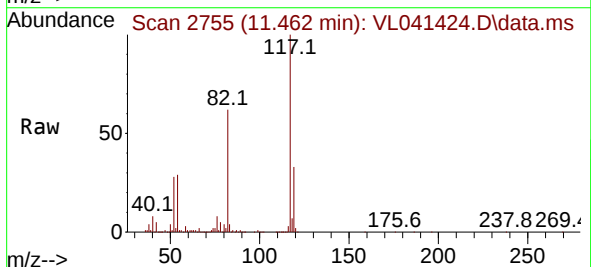
Tgt Ion:117 Resp: 2815773

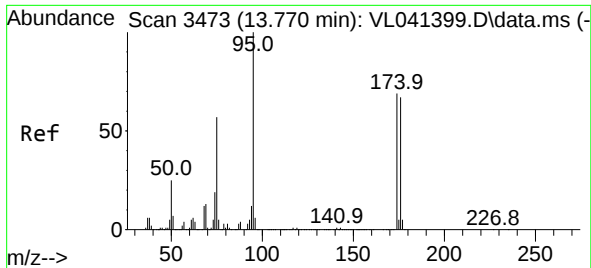
Ion Ratio Lower Upper

117 100

82 64.2 51.0 76.6

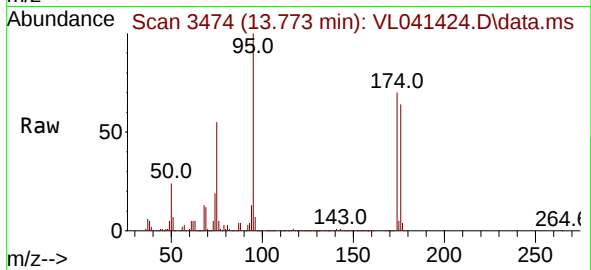
119 33.0 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.957 ppbv
 RT: 13.773 min Scan# 3473
 Delta R.T. -0.000 min
 Lab File: VL041424.D
 Acq: 29 Jul 2024 11:32

Instrument :
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Tgt Ion: 95 Resp: 215765
 Ion Ratio Lower Upper
 95 100
 174 71.5 56.3 84.5
 175 5.0 4.0 6.0

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