

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
 Data File : VL041715.D
 Acq On : 21 Nov 2024 15:06
 Operator : SY/MD
 Sample : P4633-01DL2 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E070-1100DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Nov 22 01:08:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Nov 22 01:00:55 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.230	49	1063727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	2922287	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.503	117	2654968	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.812	95	2071565	10.590	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.900%	
Target Compounds						
					Qvalue	
7) Chloroethane	3.237	64	296345m	12.296	ppbv	
10) Heptane	7.616	43	750273	5.544	ppbv	99
18) 1,1-Dichloroethene	3.918	96	252904m	4.737	ppbv	
35) Carbon Tetrachloride	6.532	117	1025832	6.653	ppbv	97
42) Bromodichloromethane	7.285	83	734738	4.328	ppbv	99
53) Toluene	9.256	91	2347642	10.310	ppbv	100
59) m/p-Xylene	12.410	91	2844916	10.915	ppbv	96
60) o-Xylene	13.092	91	2141646	8.617	ppbv	100
77) 1,2-Dichlorobenzene	17.182	146	1217081	6.735	ppbv	100
81) 1,2,4-Trichlorobenzene	21.188	180	528368m	4.621	ppbv	

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

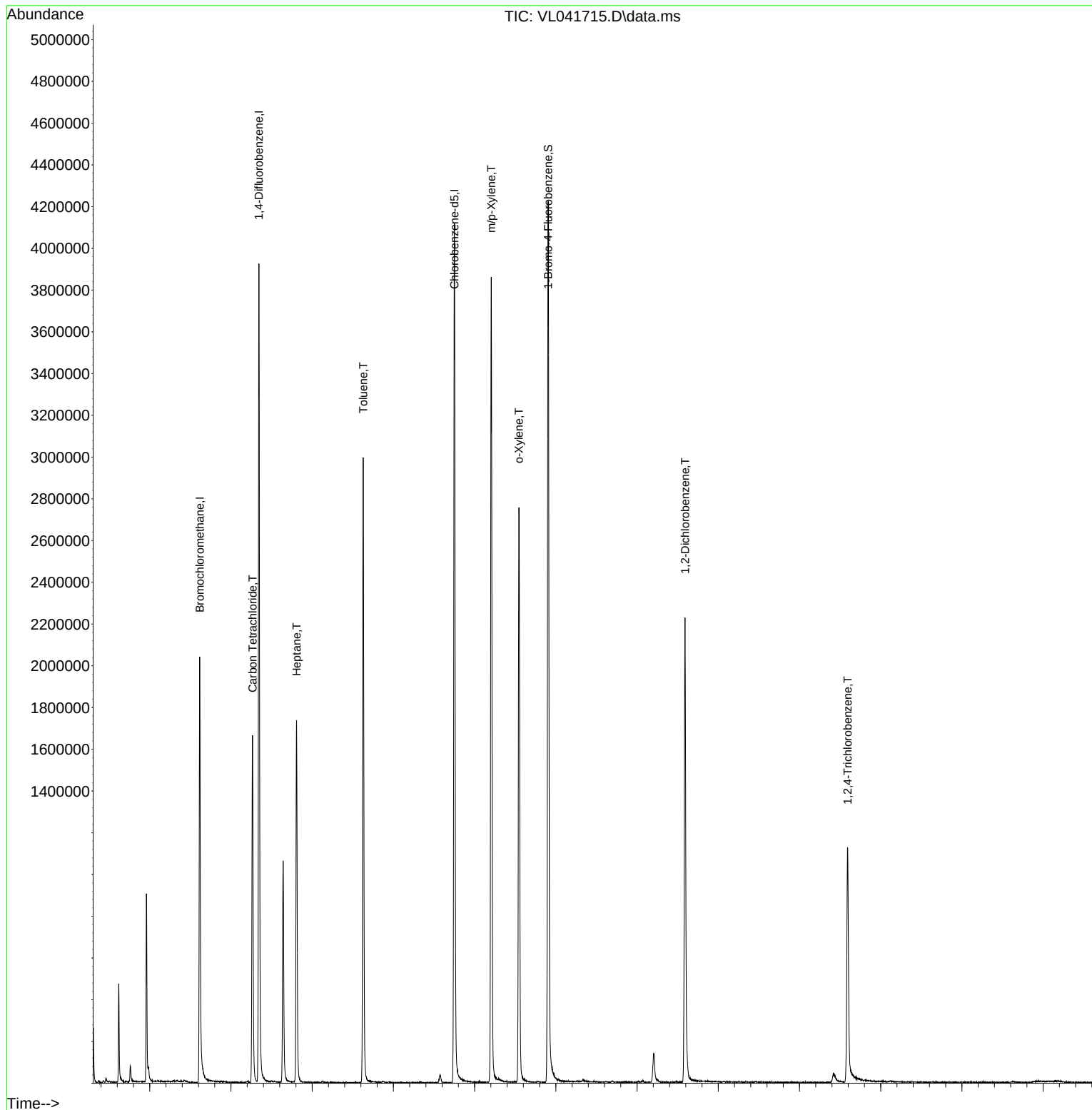
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
Data File : VL041715.D
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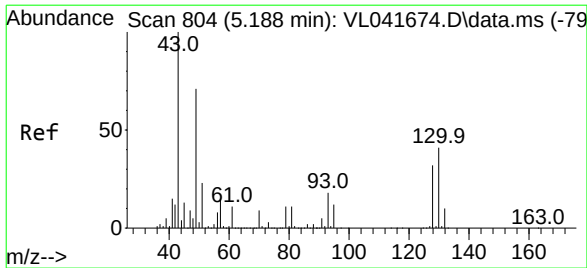
Instrument :
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Quant Time: Nov 22 01:08:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Nov 22 01:00:55 2024
Response via : Initial Calibration





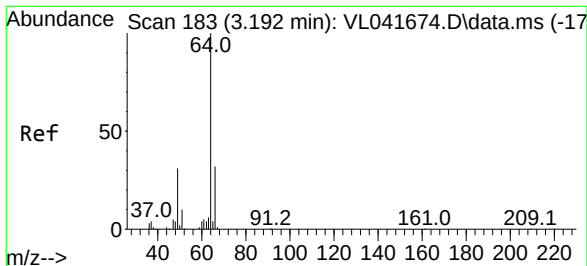
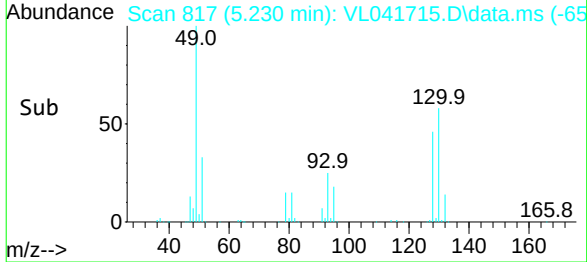
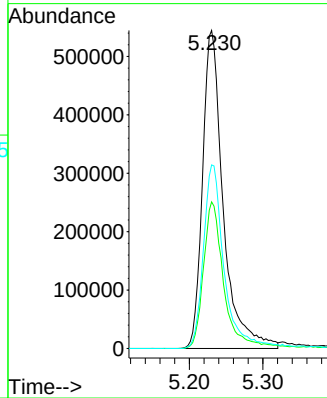
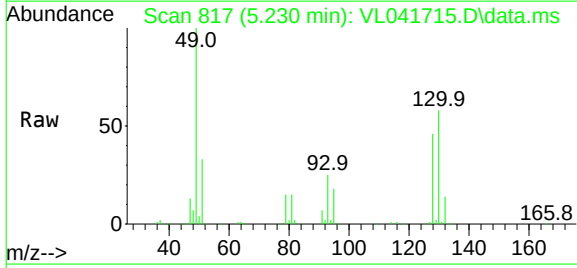
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

Instrument :
MSVOA_L
ClientSampleId :
E070-1100DL2

Tgt Ion: 49 Resp: 1063727
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.2
130 59.8 30.1 90.5

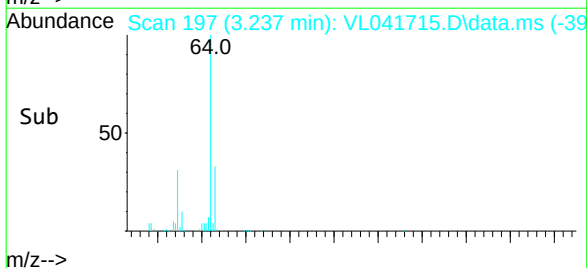
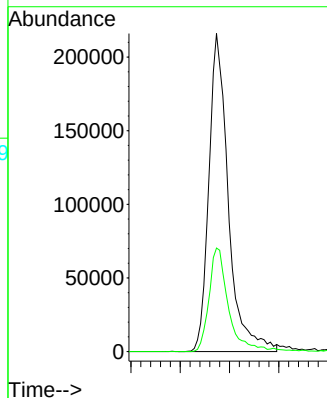
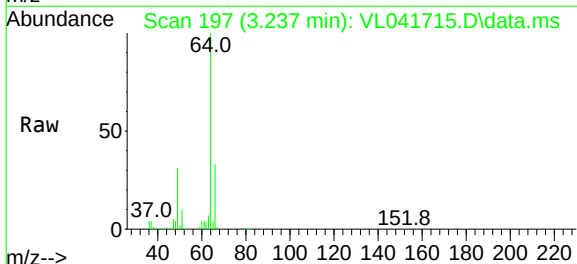
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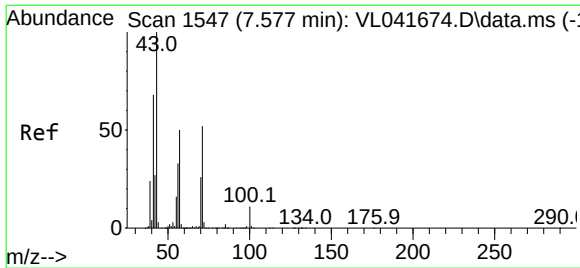
Reviewed By :Semsettin Yesilyurt 12/02/2024
Supervised By :Mahesh Dadoda 12/03/2024



#7
Chloroethane
Concen: 12.296 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. 0.010 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

Tgt Ion: 64 Resp: 296345
Ion Ratio Lower Upper
64 100
66 32.6 25.9 38.9





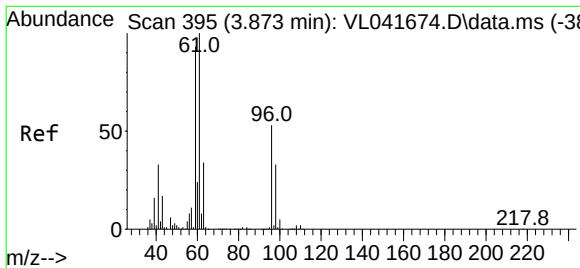
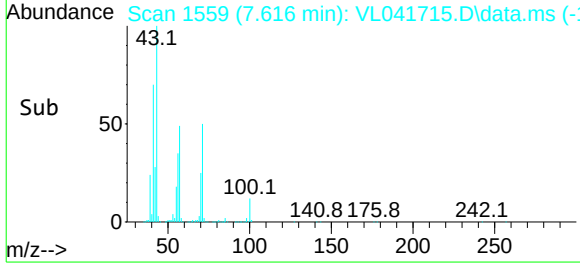
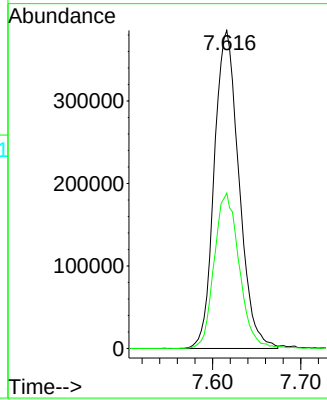
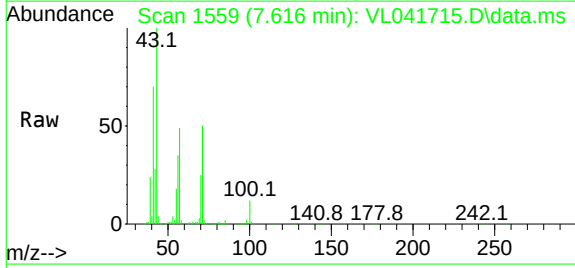
#10
Heptane
Concen: 5.544 ppbv
RT: 7.616 min Scan# 15
Delta R.T. 0.006 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

Instrument :
MSVOA_L
ClientSampleId :
E070-1100DL2

Tgt Ion: 43 Resp: 750273
Ion Ratio Lower Upper
43 100
57 49.6 40.0 60.0

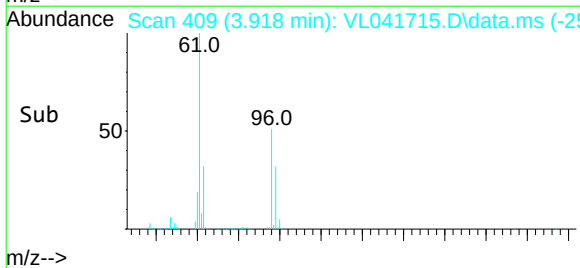
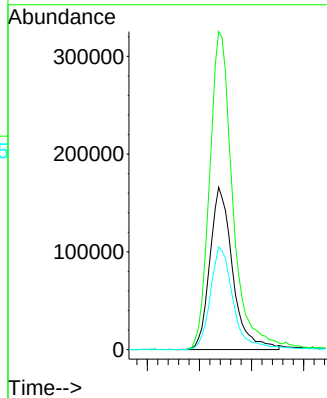
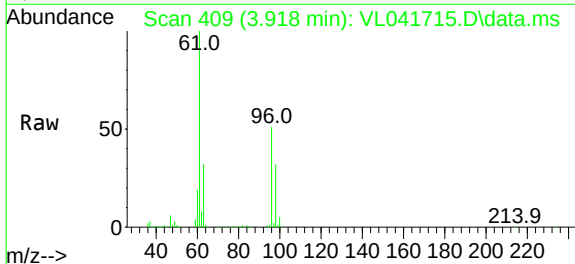
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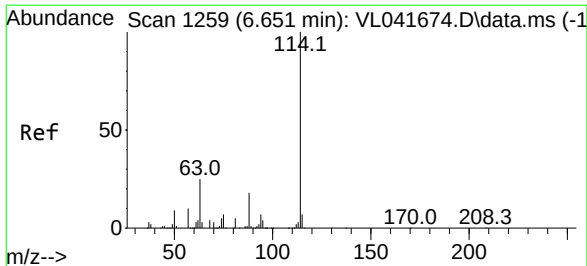
Reviewed By :Semsettin Yesilyurt 12/02/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
1,1-Dichloroethene
Concen: 4.737 ppbv m
RT: 3.918 min Scan# 409
Delta R.T. 0.010 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

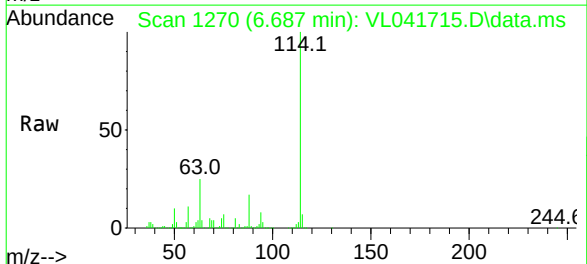
Tgt Ion: 96 Resp: 252904
Ion Ratio Lower Upper
96 100
61 195.9 150.7 226.1
98 63.3 49.4 74.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

Instrument :
MSVOA_L
ClientSampleId :
E070-1100DL2

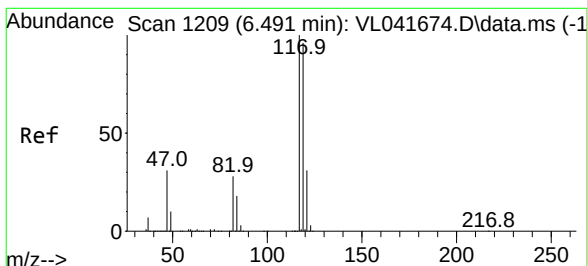
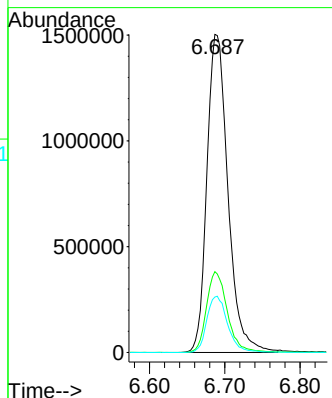
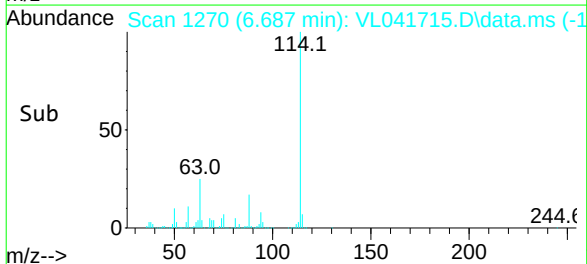


Tgt Ion:114 Resp: 2922287

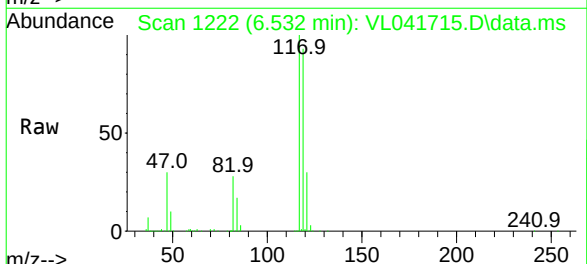
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.3	30.5
88	17.6	14.2	21.4

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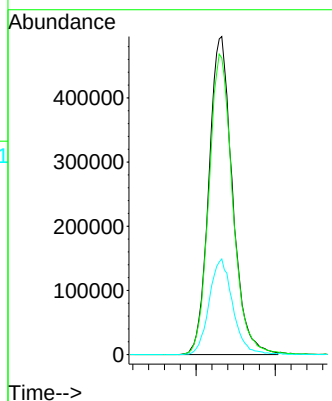
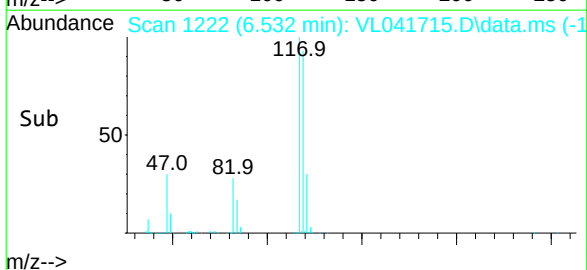


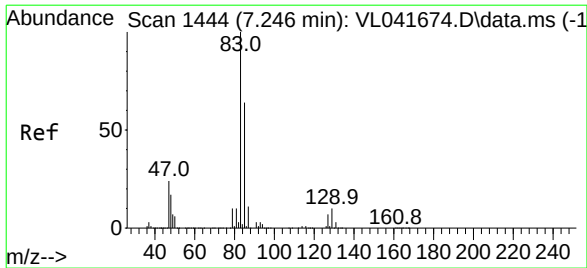
#35
Carbon Tetrachloride
Concen: 6.653 ppbv
RT: 6.532 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06



Tgt Ion:117 Resp: 1025832

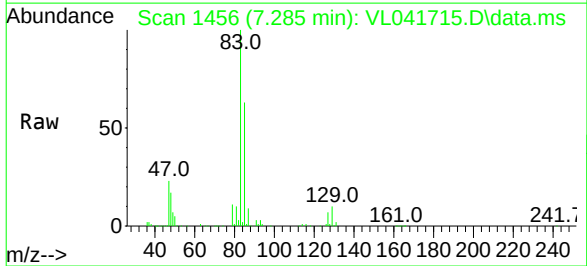
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	30.1	25.0	37.4





#42
Bromodichloromethane
Concen: 4.328 ppbv
RT: 7.285 min Scan# 14
Delta R.T. 0.003 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

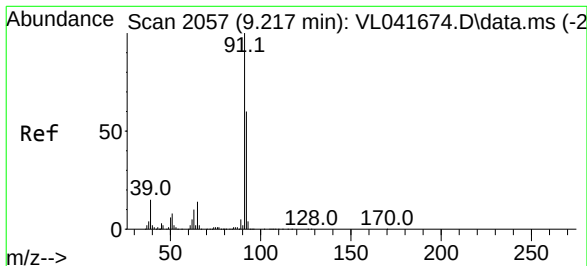
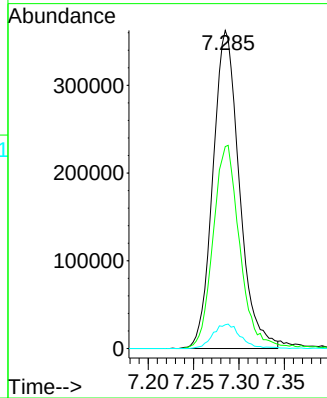
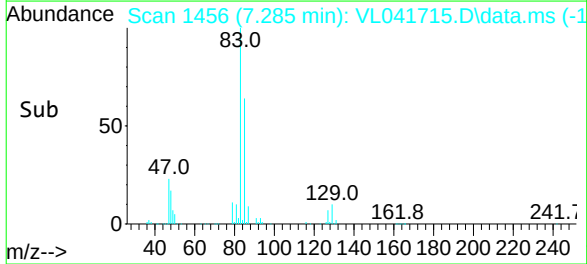
Instrument :
MSVOA_L
ClientSampleId :
E070-1100DL2



Tgt Ion: 83 Resp: 734738
Ion Ratio Lower Upper
83 100
85 63.5 51.2 76.8
127 7.5 6.0 9.0

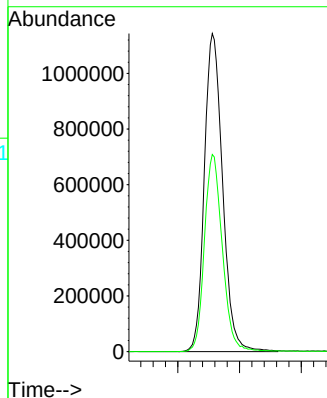
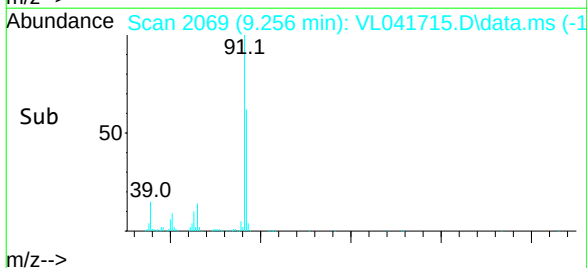
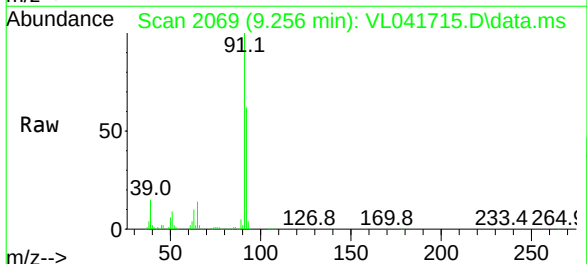
Manual Integrations
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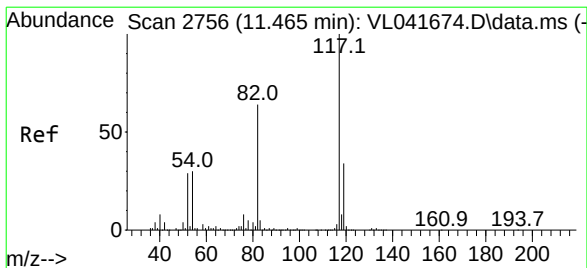
Reviewed By :Semsettin Yesilyurt 12/02/2024
Supervised By :Mahesh Dadoda 12/03/2024



#53
Toluene
Concen: 10.310 ppbv
RT: 9.256 min Scan# 2069
Delta R.T. 0.003 min
Lab File: VL041715.D
Acq: 21 Nov 2024 15:06

Tgt Ion: 91 Resp: 2347642
Ion Ratio Lower Upper
91 100
92 60.8 49.0 73.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.503 min Scan# 27

Delta R.T. 0.006 min

Lab File: VL041715.D

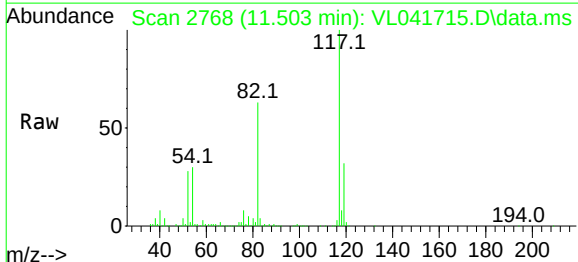
Acq: 21 Nov 2024 15:06

Instrument :

MSVOA_L

ClientSampleId :

E070-1100DL2



Tgt Ion: 117 Resp: 2654968

Ion Ratio Lower Upper

117 100

82 63.9 49.8 74.8

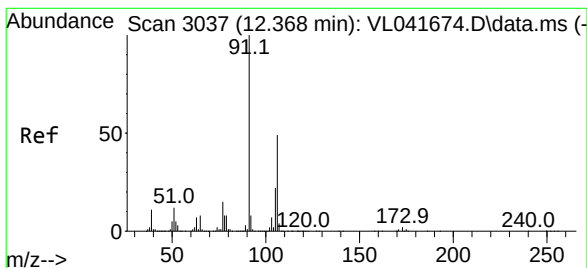
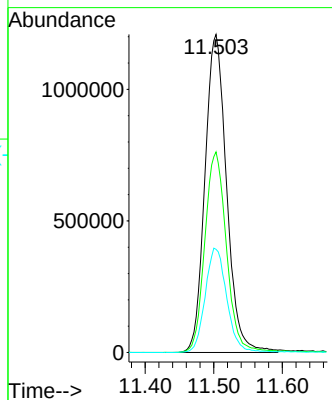
119 33.0 24.2 36.4

Manual Integrations

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Supervised By :Mahesh Dadoda 12/03/2024



#59

m/p-Xylene

Concen: 10.915 ppbv

RT: 12.410 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VL041715.D

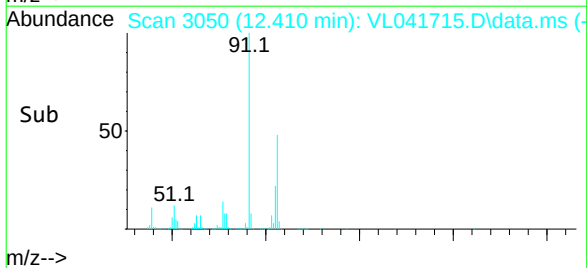
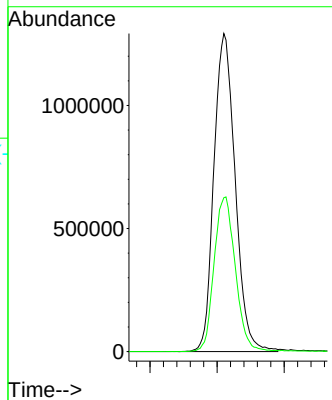
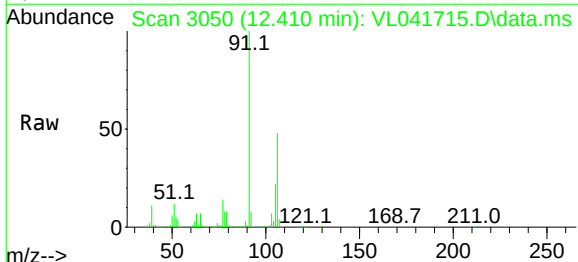
Acq: 21 Nov 2024 15:06

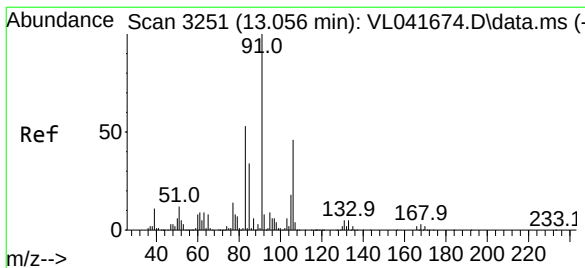
Tgt Ion: 91 Resp: 2844916

Ion Ratio Lower Upper

91 100

106 48.9 36.9 55.3





#60

o-Xylene

Concen: 8.617 ppbv

RT: 13.092 min Scan# 32

Delta R.T. 0.003 min

Lab File: VL041715.D

Acq: 21 Nov 2024 15:06

Instrument :

MSVOA_L

ClientSampleId :

E070-1100DL2

Tgt Ion: 91 Resp: 2141646

Ion Ratio Lower Upper

91 100

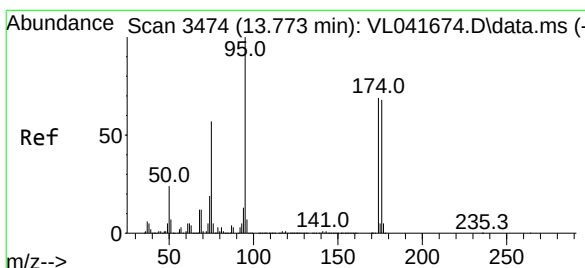
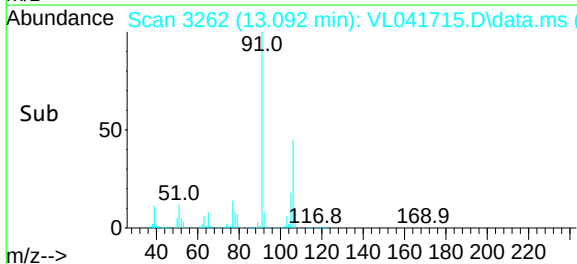
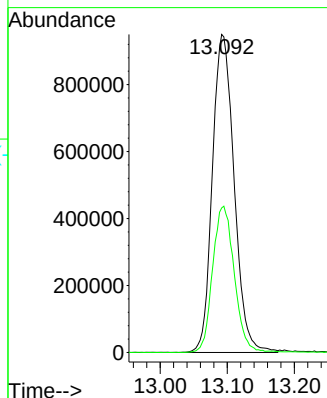
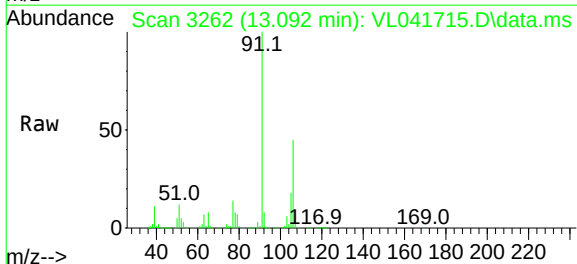
106 46.2 23.2 69.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/03/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.590 ppbv

RT: 13.812 min Scan# 3486

Delta R.T. 0.006 min

Lab File: VL041715.D

Acq: 21 Nov 2024 15:06

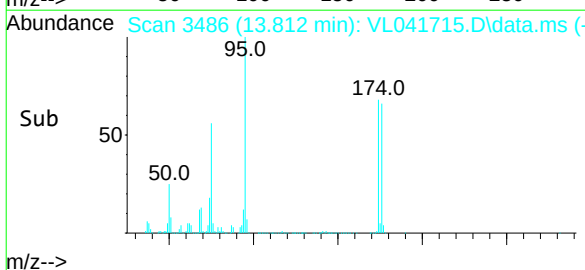
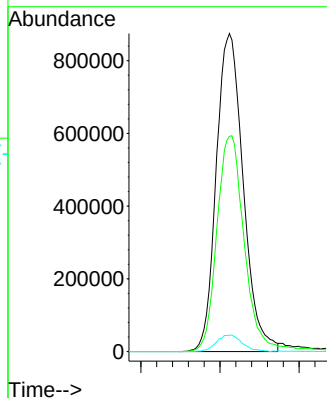
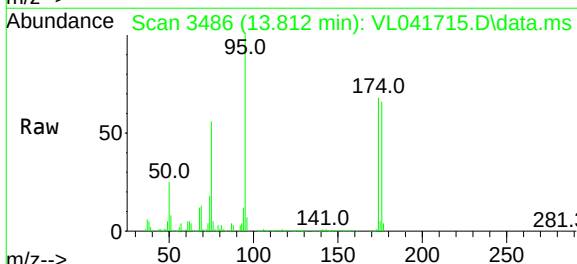
Tgt Ion: 95 Resp: 2071565

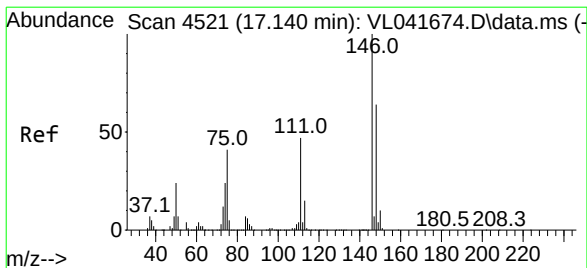
Ion Ratio Lower Upper

95 100

174 70.1 55.6 83.4

175 5.1 4.2 6.2





#77

1,2-Dichlorobenzene

Concen: 6.735 ppbv

RT: 17.182 min Scan# 45

Delta R.T. 0.006 min

Lab File: VL041715.D

Acq: 21 Nov 2024 15:06

Instrument :

MSVOA_L

ClientSampleId :

E070-1100DL2

Tgt Ion:146 Resp: 1217081

Ion Ratio Lower Upper

146 100

111 47.3 23.4 70.3

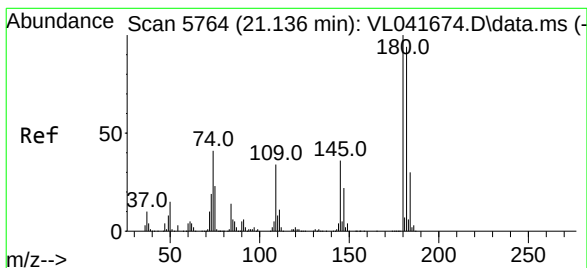
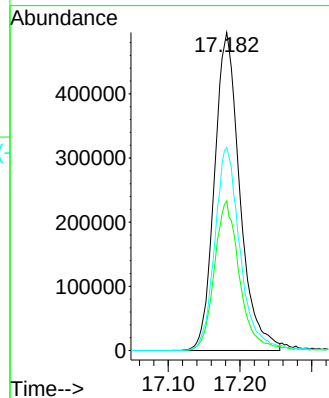
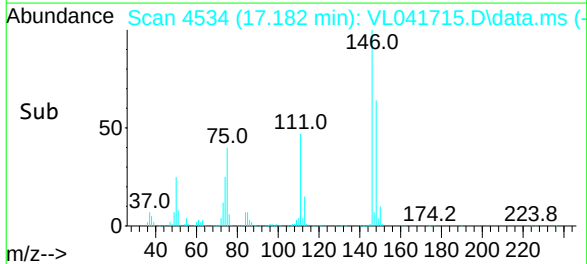
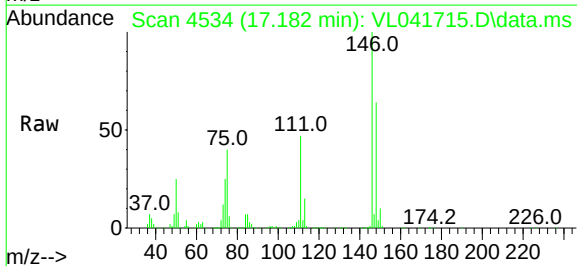
148 64.3 32.1 96.5

Manual Integrations

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Supervised By :Mahesh Dadoda 12/03/2024



#81

1,2,4-Trichlorobenzene

Concen: 4.621 ppbv m

RT: 21.188 min Scan# 5780

Delta R.T. 0.013 min

Lab File: VL041715.D

Acq: 21 Nov 2024 15:06

Tgt Ion:180 Resp: 528368

Ion Ratio Lower Upper

180 100

182 100.8 78.2 117.2

184 30.8 25.0 37.4

