

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040068.D
 Acq On : 22 Dec 2022 15:09
 Operator : SY/MD
 Sample : N6181-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 06:28:55 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	890519	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2445500	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2135989	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1689921	10.357	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						
					Qvalue	
15) Acetone	3.459	43	251145	1.823	ppbv	92
19) Isopropyl Alcohol	3.578	45	50465	0.743	ppbv #	86
23) Vinyl Acetate	4.610	43	1781506	40.791	ppbv	98
26) Hexane	5.198	57	351721	3.508	ppbv #	32
29) Chloroform	5.256	83	42575	0.278	ppbv #	83
52) Tetrachloroethene	10.603	164	328255	4.421	ppbv	97
53) Toluene	9.201	91	84467m	0.349	ppbv	
58) Ethyl Benzene	12.079	91	28050m	0.092	ppbv	
59) m/p-Xylene	12.327	91	88704m	0.336	ppbv	
60) o-Xylene	13.047	91	62442	0.247	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	191273	0.684	ppbv #	64

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

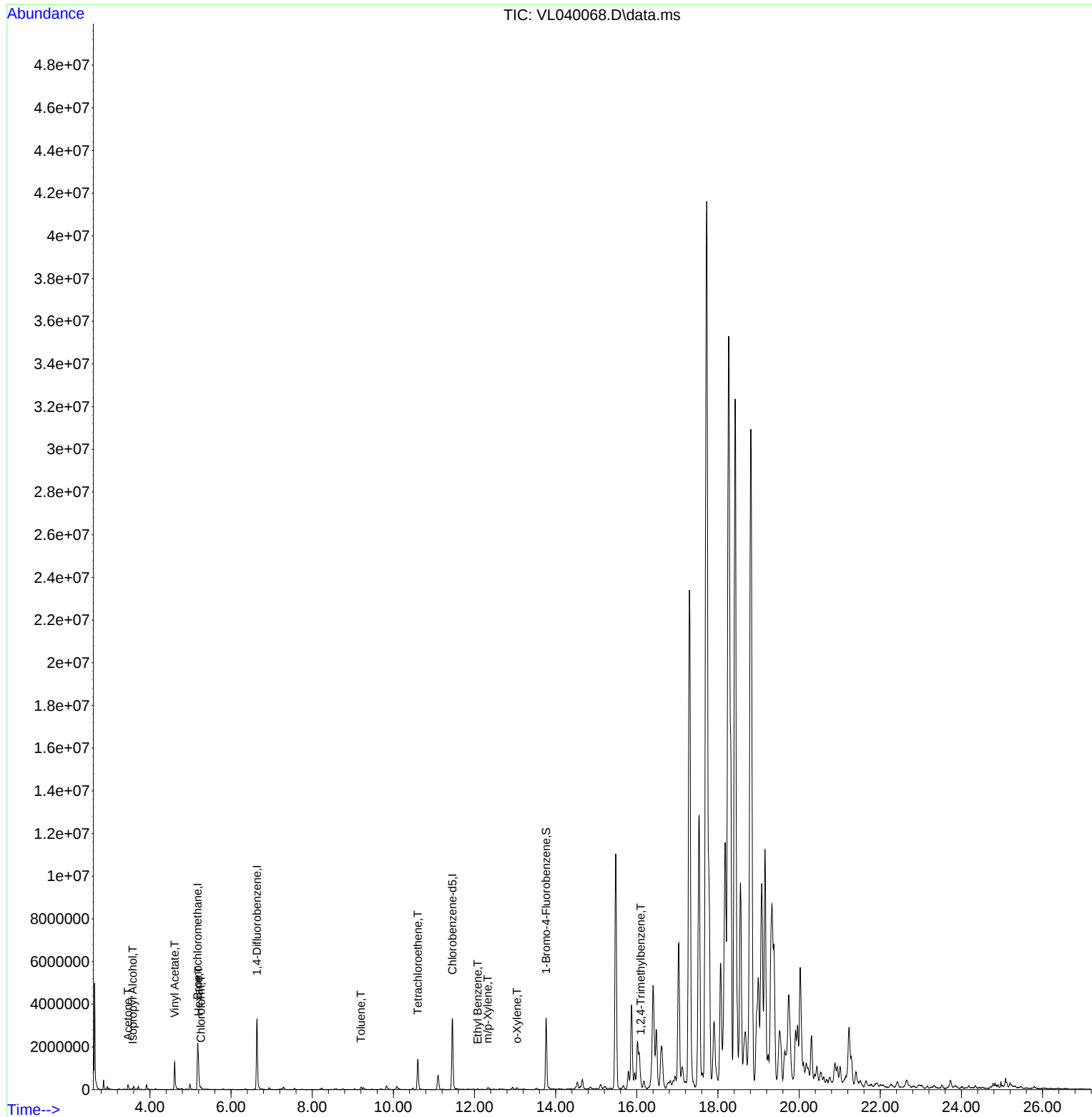
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
Data File : VL040068.D
Acq On : 22 Dec 2022 15:09
Operator : SY/MD
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

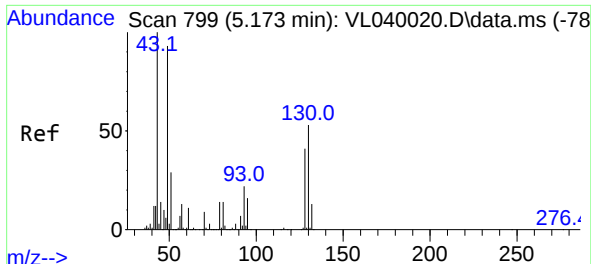
Instrument :
MSVOA_L
ClientSampleId :
SV1

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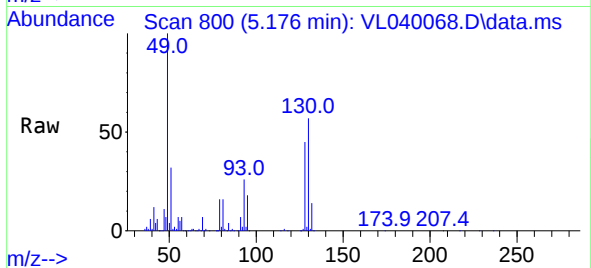
Quant Time: Dec 23 06:28:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

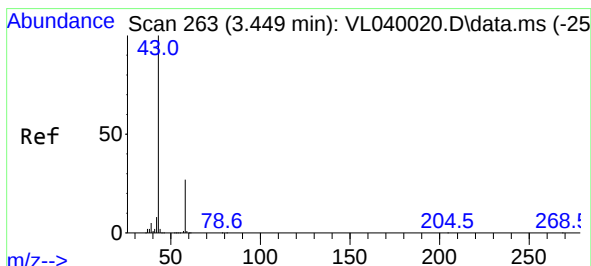
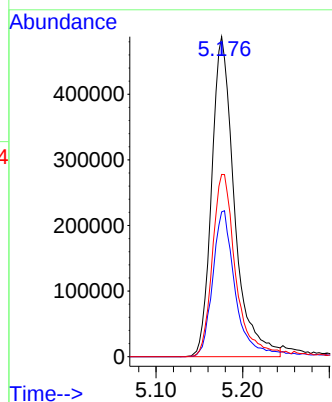
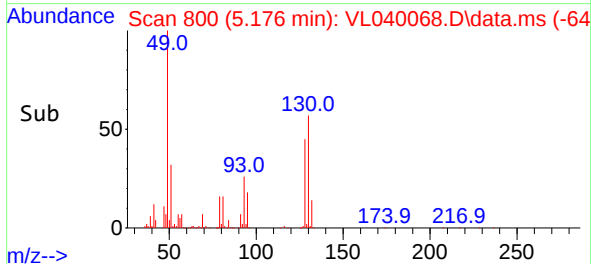
Instrument :
MSVOA_L
ClientSampleId :
SV1



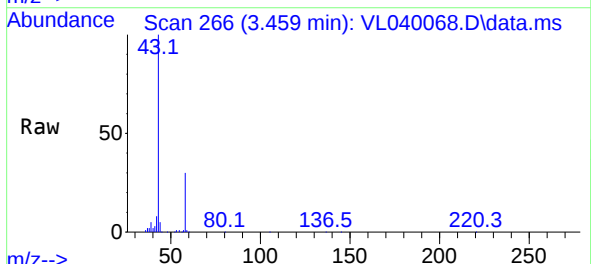
Tgt Ion: 49 Resp: 890519
Ion Ratio Lower Upper
49 100
128 47.0 22.4 67.3
130 61.0 28.9 86.8

Manual Integrations
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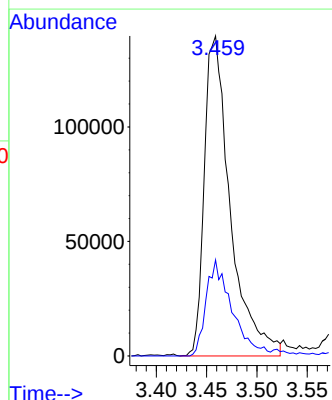
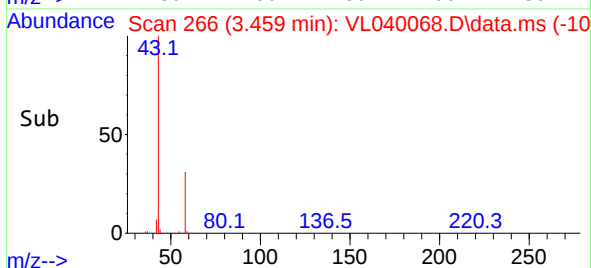
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

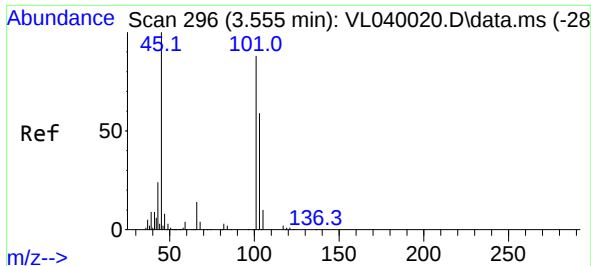


#15
Acetone
Concen: 1.823 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.010 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09



Tgt Ion: 43 Resp: 251145
Ion Ratio Lower Upper
43 100
58 31.4 21.8 32.8





#19

Isopropyl Alcohol

Concen: 0.743 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.022 min

Lab File: VL040068.D

Acq: 22 Dec 2022 15:09

Instrument :

MSVOA_L

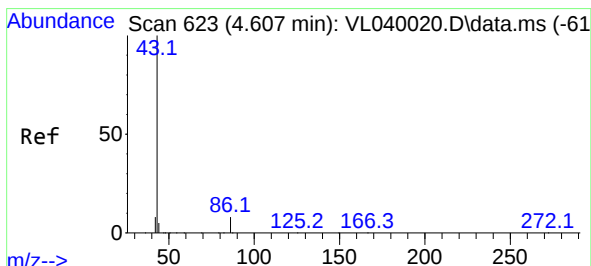
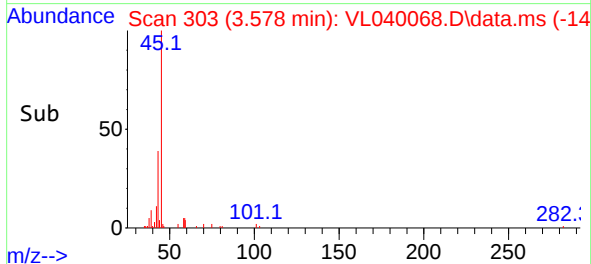
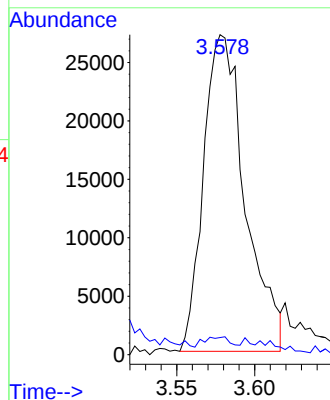
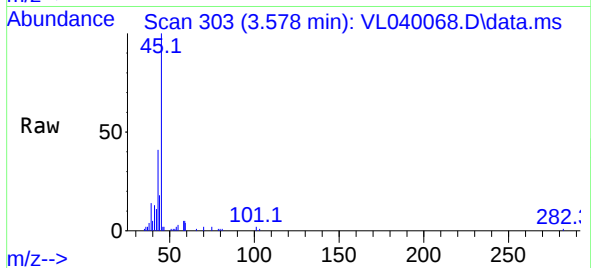
ClientSampleId :

SV1

Tgt Ion: 45 Resp: 5046
 Ion Ratio Lower Upper
 45 100
 58 7.0 1.7 2.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#23

Vinyl Acetate

Concen: 40.791 ppbv

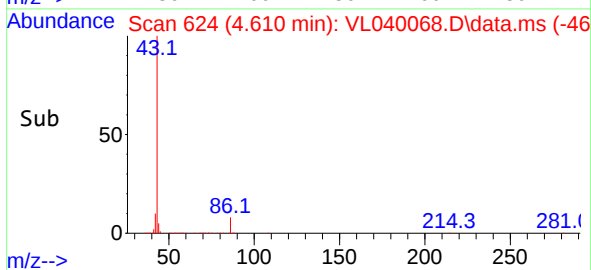
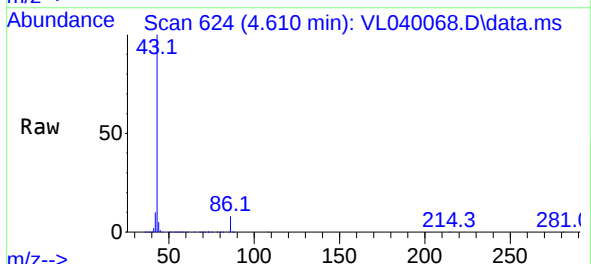
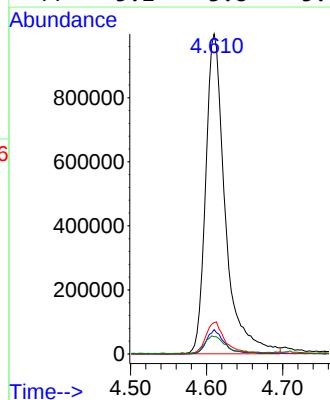
RT: 4.610 min Scan# 624

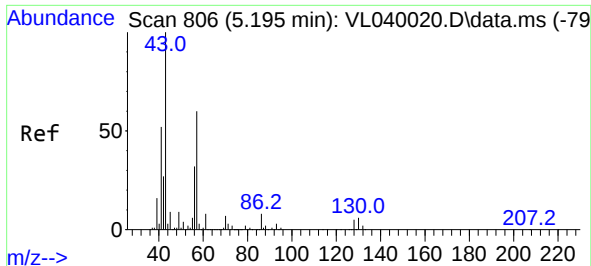
Delta R.T. 0.003 min

Lab File: VL040068.D

Acq: 22 Dec 2022 15:09

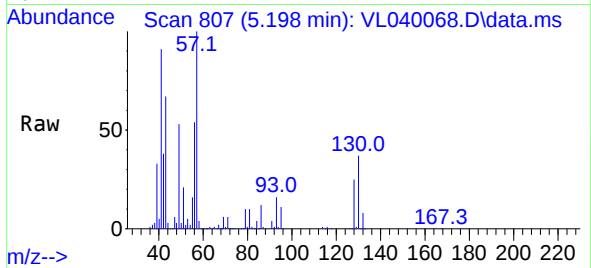
Tgt Ion: 43 Resp: 1781506
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.3 7.9
 42 9.8 7.4 11.0
 44 5.2 3.8 5.6





#26
Hexane
Concen: 3.508 ppbv
RT: 5.198 min Scan# 806
Delta R.T. 0.003 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

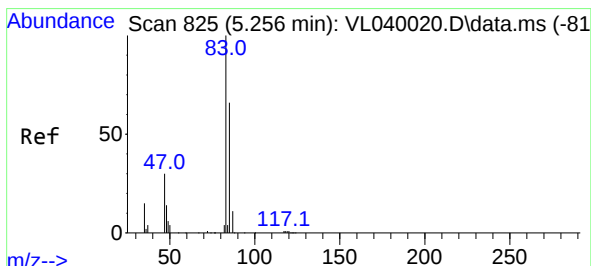
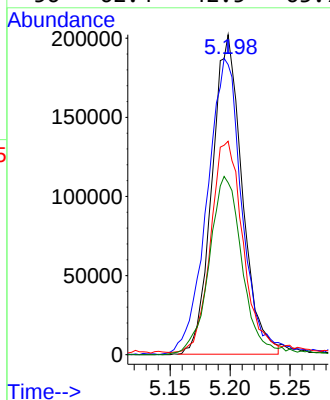
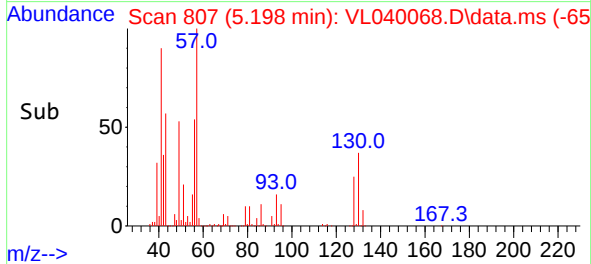
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 57 Resp: 35172
Ion Ratio Lower Upper
57 100
41 110.1 72.1 108.1
43 72.7 192.1 288.1
56 62.4 42.5 63.7

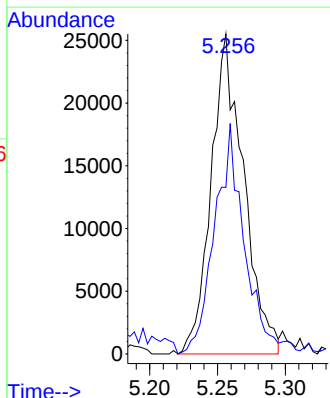
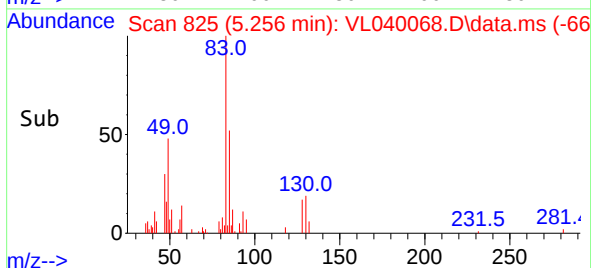
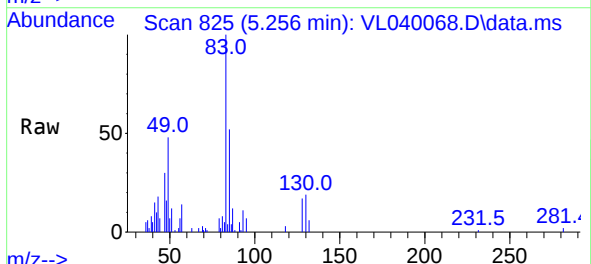
Manual Integrations
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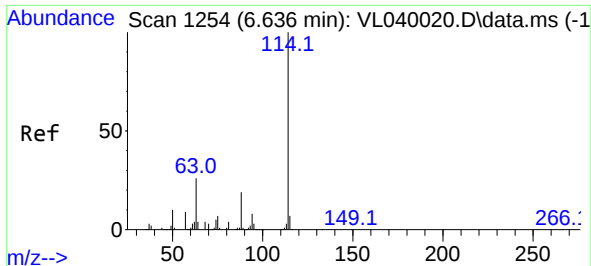
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#29
Chloroform
Concen: 0.278 ppbv
RT: 5.256 min Scan# 825
Delta R.T. -0.000 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

Tgt Ion: 83 Resp: 42575
Ion Ratio Lower Upper
83 100
85 52.1 52.4 78.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040068.D

Acq: 22 Dec 2022 15:09

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion:114 Resp: 2445500

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

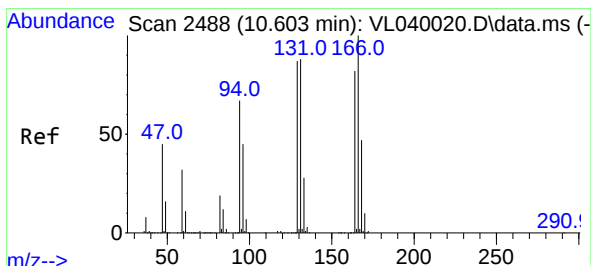
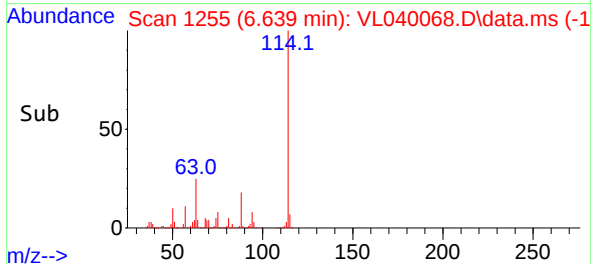
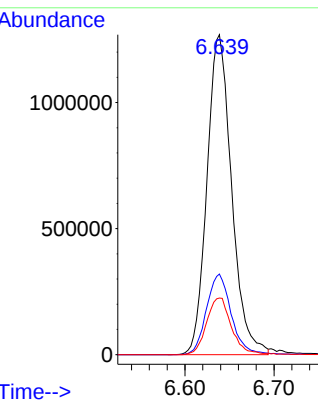
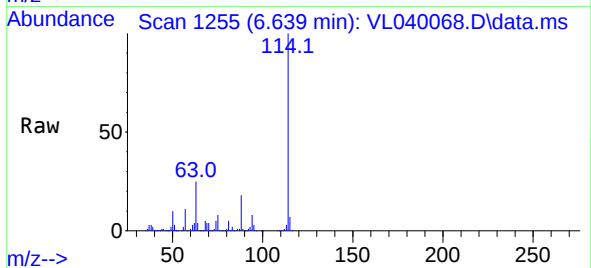
88 18.1 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#52

Tetrachloroethene

Concen: 4.421 ppbv

RT: 10.603 min Scan# 2488

Delta R.T. -0.000 min

Lab File: VL040068.D

Acq: 22 Dec 2022 15:09

Tgt Ion:164 Resp: 328255

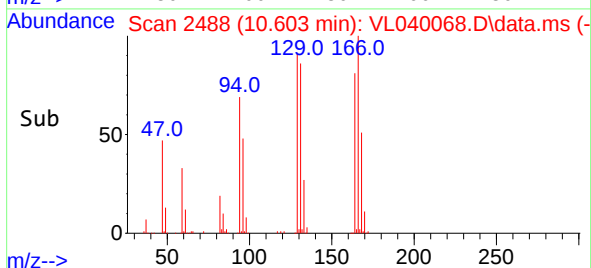
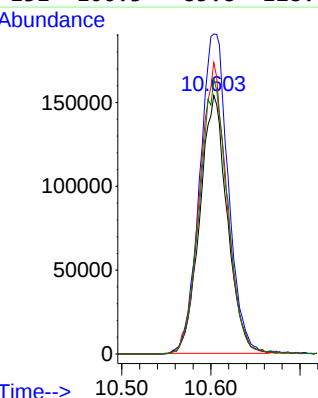
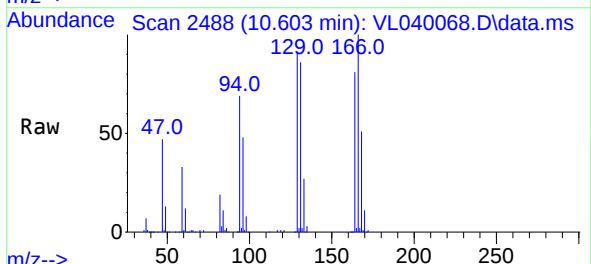
Ion Ratio Lower Upper

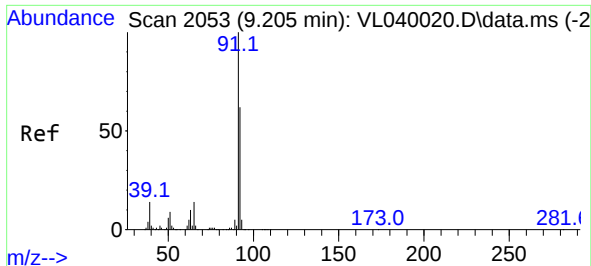
164 100

166 124.0 97.4 146.0

129 112.7 84.3 126.5

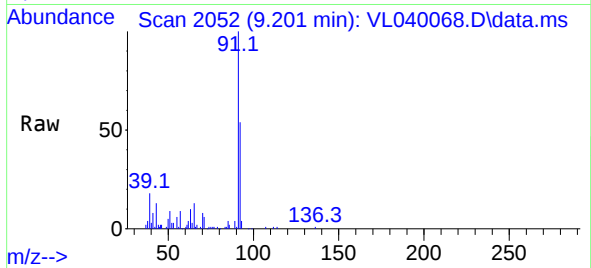
131 106.3 85.8 128.8





#53
Toluene
Concen: 0.349 ppbv m
RT: 9.201 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

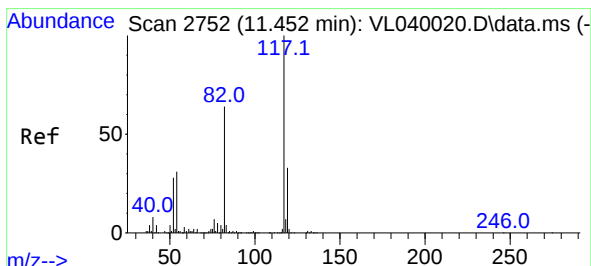
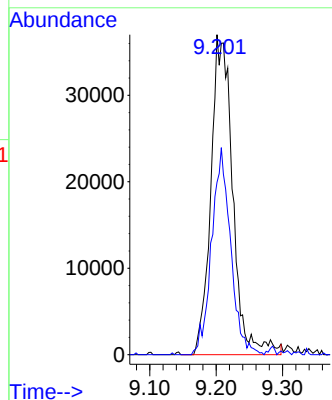
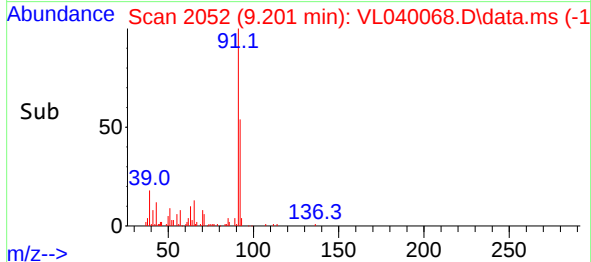
Instrument :
MSVOA_L
ClientSampleId :
SV1



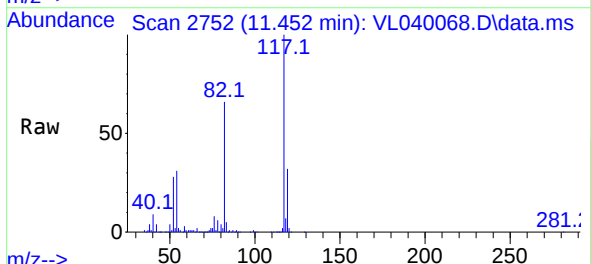
Tgt Ion: 91 Resp: 8446
Ion Ratio Lower Upper
91 100
92 56.1 48.7 73.1

Manual Integrations
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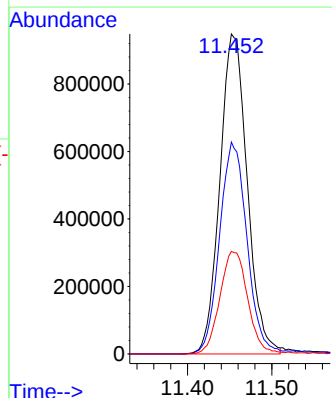
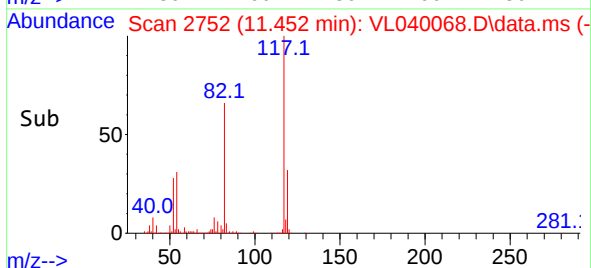
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

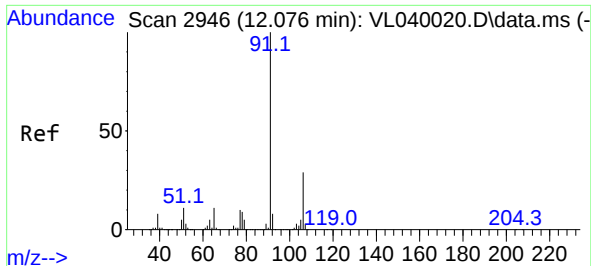


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09



Tgt Ion:117 Resp: 2135989
Ion Ratio Lower Upper
117 100
82 68.0 51.2 76.8
119 33.0 23.2 34.8





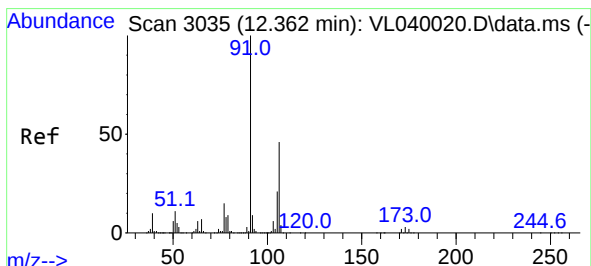
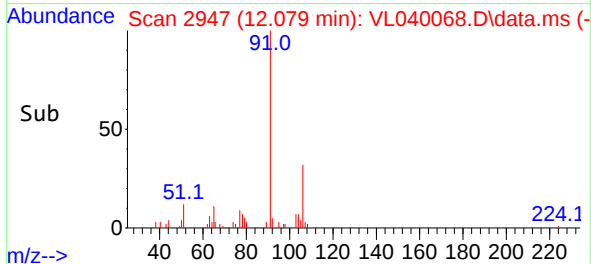
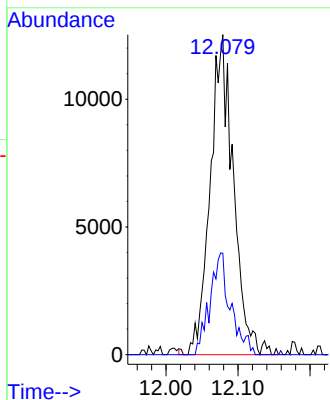
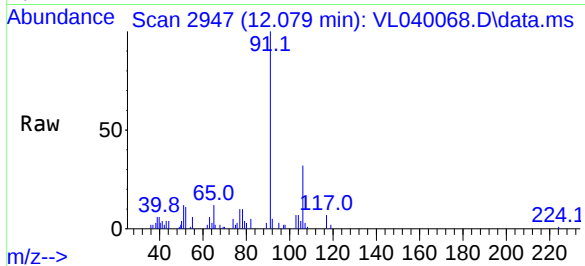
#58
Ethyl Benzene
Concen: 0.092 ppbv m
RT: 12.079 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 28050
Ion Ratio Lower Upper
91 100
106 31.7 23.5 35.3

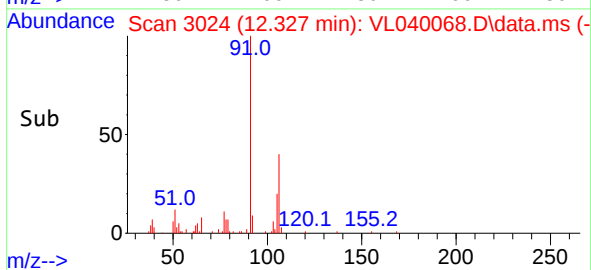
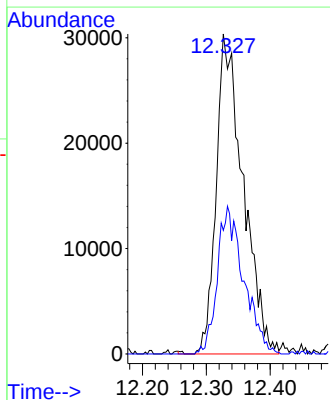
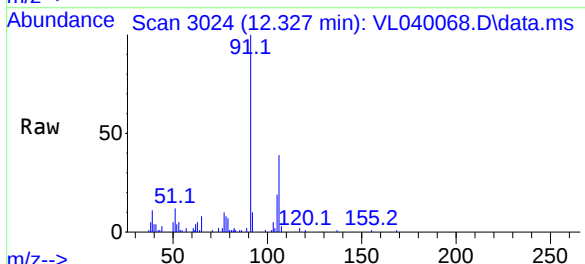
Manual Integrations
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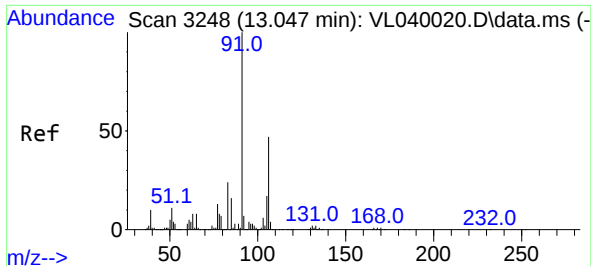
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#59
m/p-Xylene
Concen: 0.336 ppbv m
RT: 12.327 min Scan# 3024
Delta R.T. -0.035 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

Tgt Ion: 91 Resp: 88704
Ion Ratio Lower Upper
91 100
106 0.0 35.5 53.3#





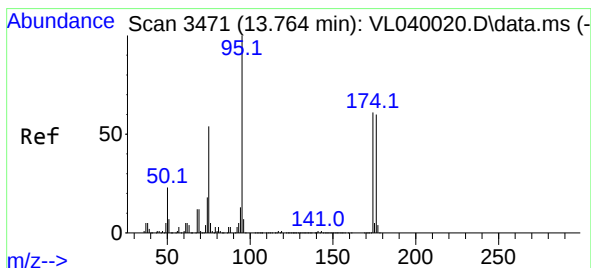
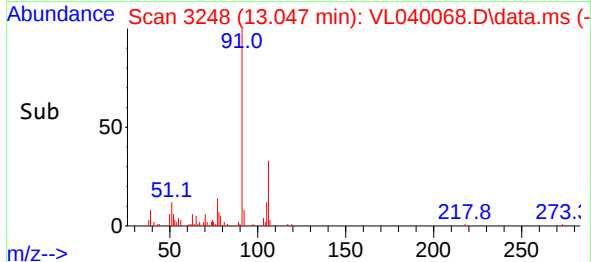
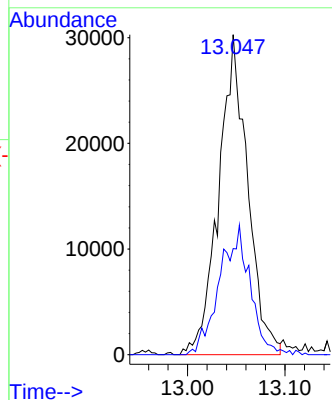
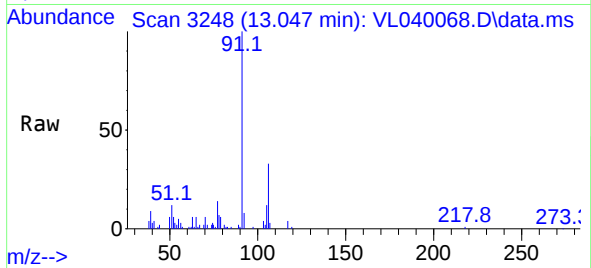
#60
o-Xylene
Concen: 0.247 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 6244
Ion Ratio Lower Upper
91 100
106 43.0 22.4 67.0

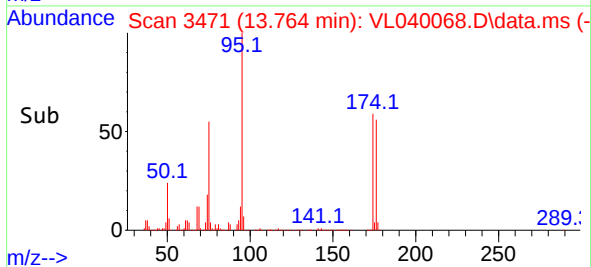
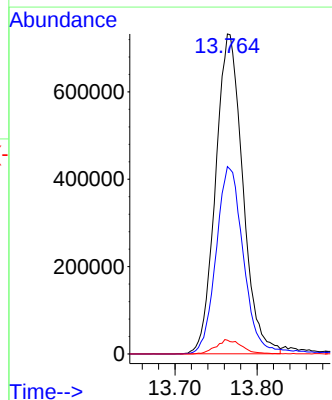
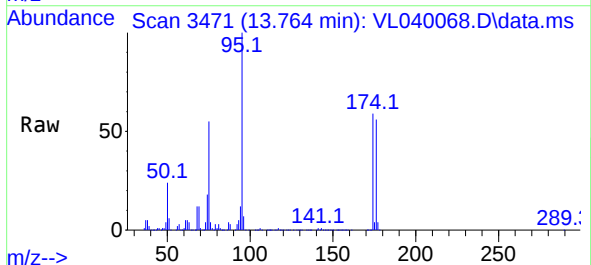
Manual Integrations
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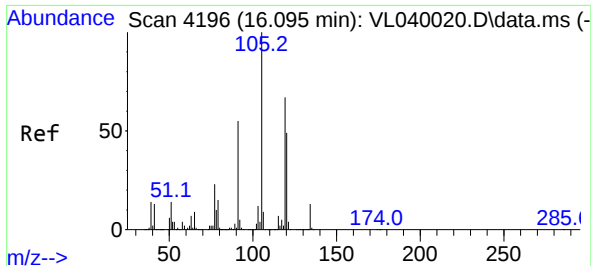
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.357 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

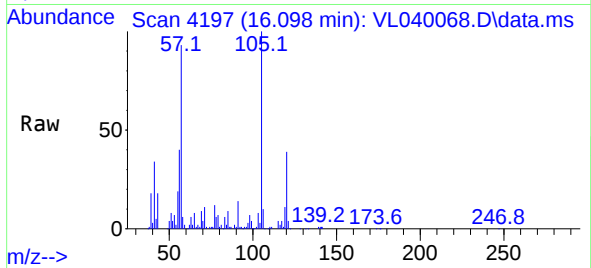
Tgt Ion: 95 Resp: 1689921
Ion Ratio Lower Upper
95 100
174 60.2 48.6 73.0
175 4.3 3.4 5.2





#74
1,2,4-Trimethylbenzene
Concen: 0.684 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL040068.D
Acq: 22 Dec 2022 15:09

Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:	105	Resp:	19127
Ion Ratio	Lower	Upper	
105	100		
120	39.5	39.3	58.9
91	12.5	44.2	66.4
77	10.5	18.8	28.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

