

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040495.D
 Acq On : 22 Jun 2023 21:26
 Operator : SY/MD
 Sample : 03300-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1015368	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2555661	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2325261	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1889965	9.848	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	28409	0.554	ppbv	90
13) Ethanol	3.231	45	228743	21.539	ppbv	98
15) Acetone	3.465	43	247950	2.025	ppbv	98
19) Isopropyl Alcohol	3.571	45	285936	4.844	ppbv #	98
20) Methylene Chloride	3.922	84	9615m	0.184	ppbv	
25) Ethyl Acetate	5.202	43	22299	0.100	ppbv #	78
26) Hexane	5.208	57	21058	0.200	ppbv #	52
29) Chloroform	5.266	83	21925	0.122	ppbv	92
34) 2-Butanone	4.784	43	45092	0.366	ppbv #	88
53) Toluene	9.211	91	37574m	0.175	ppbv	
59) m/p-Xylene	12.333	91	46560m	0.180	ppbv	

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

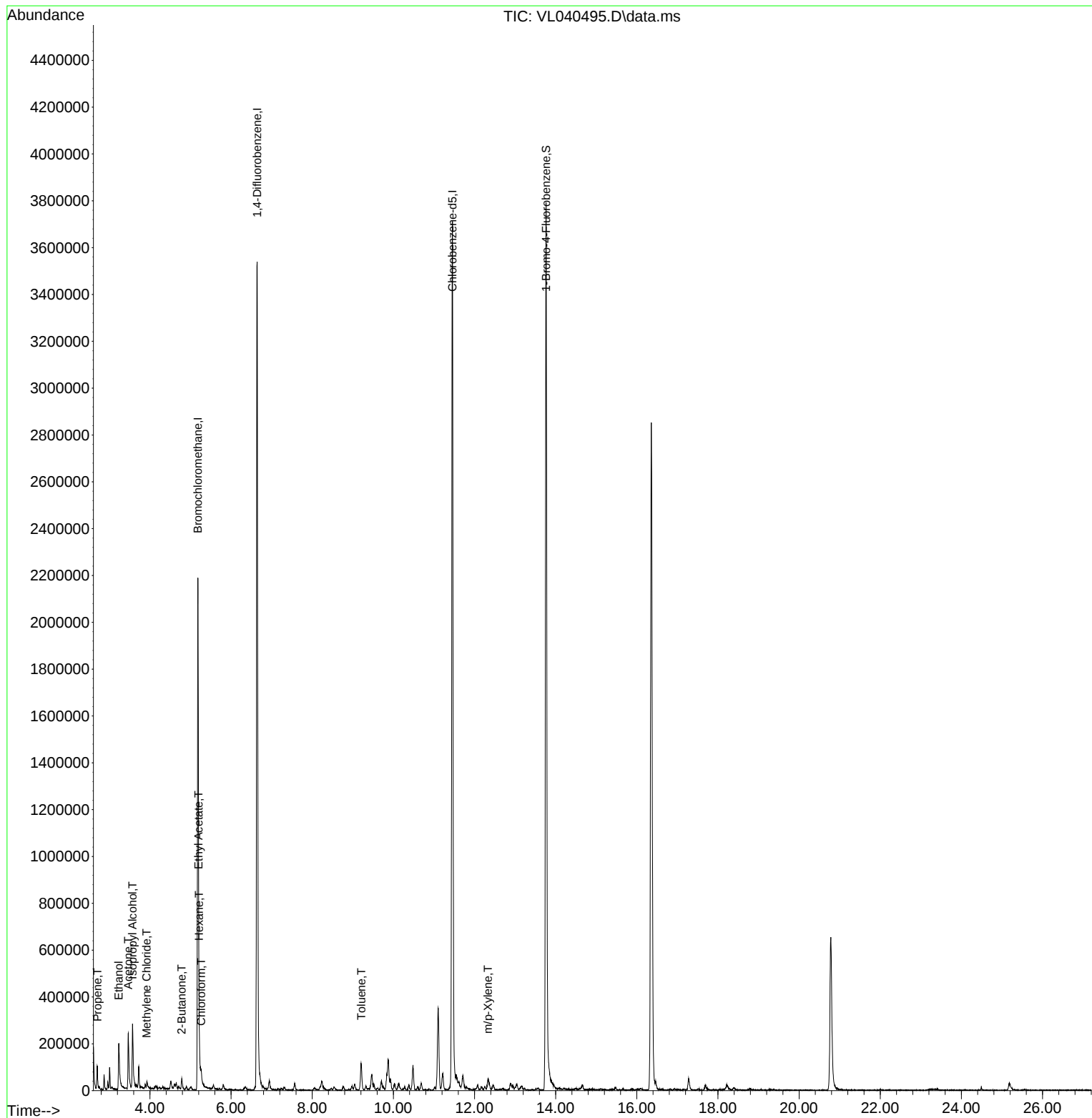
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040495.D
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Misc : 400mL/MSVOA_L
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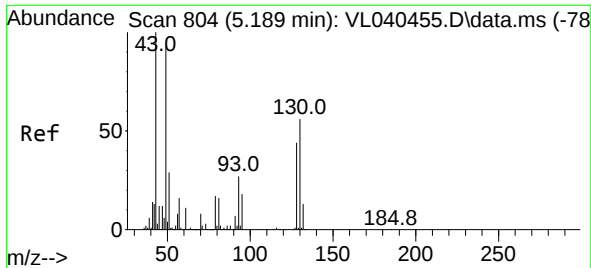
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Quant Time: Jun 23 01:32:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 06/26/2023
Supervised By : Mahesh Dadoda 06/27/2023





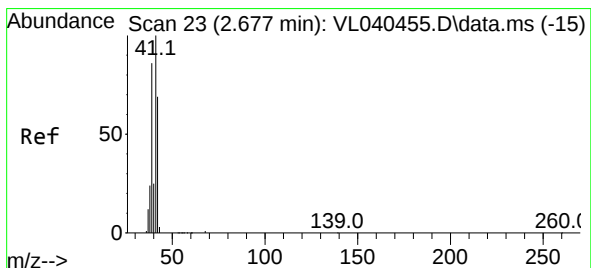
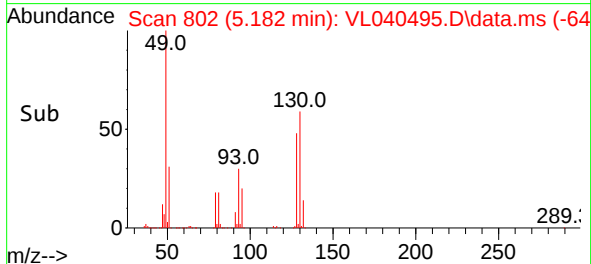
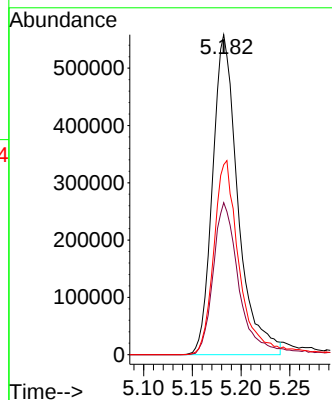
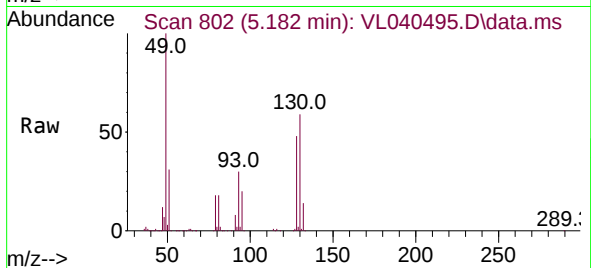
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 49 Resp: 101536
Ion Ratio Lower Upper
49 100
128 49.8 24.7 74.1
130 62.5 31.4 94.2

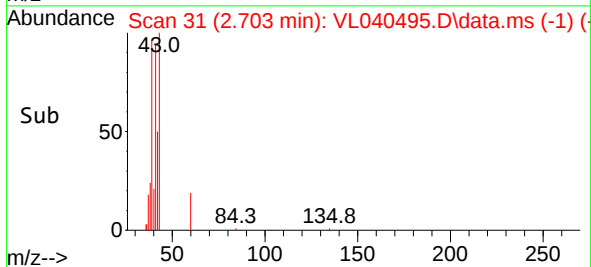
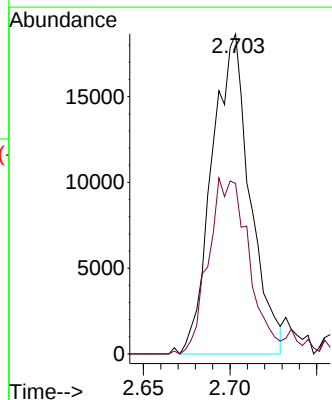
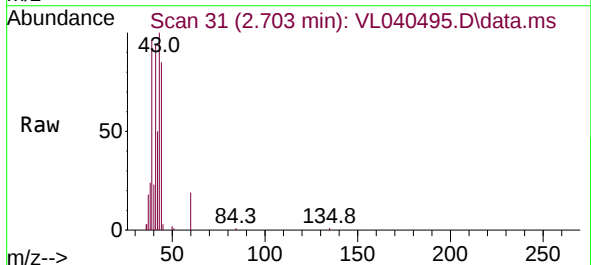
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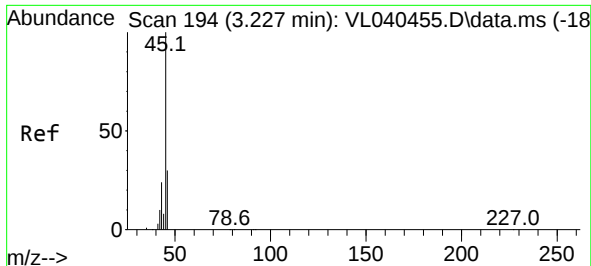
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#9
Propene
Concen: 0.554 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

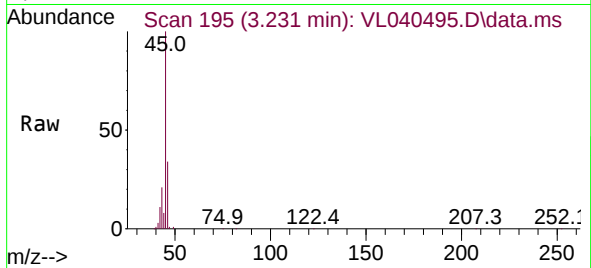
Tgt Ion: 41 Resp: 28409
Ion Ratio Lower Upper
41 100
42 61.8 56.2 84.2





#13
Ethanol
Concen: 21.539 ppbv
RT: 3.231 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

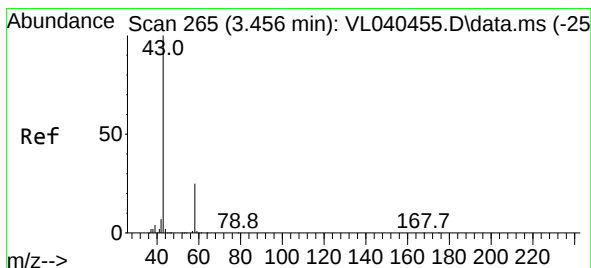
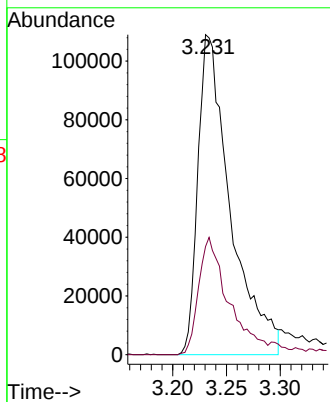
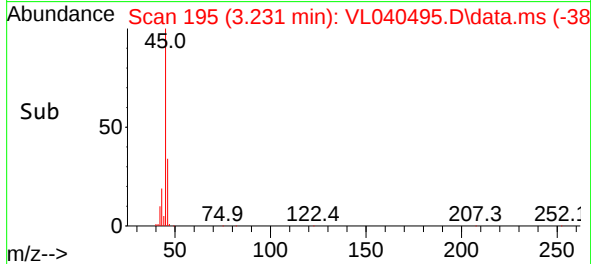
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



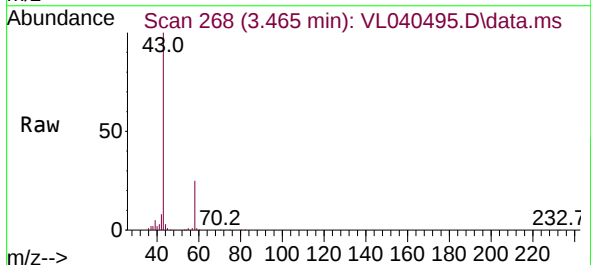
Tgt Ion: 45 Resp: 22874
Ion Ratio Lower Upper
45 100
46 37.2 14.5 58.1

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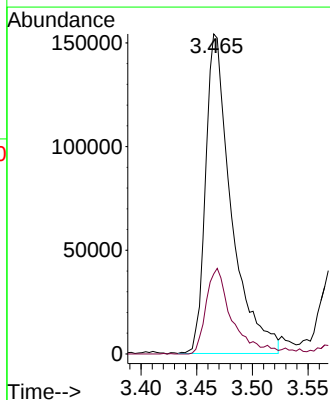
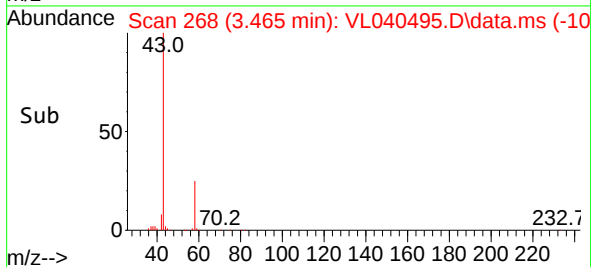
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

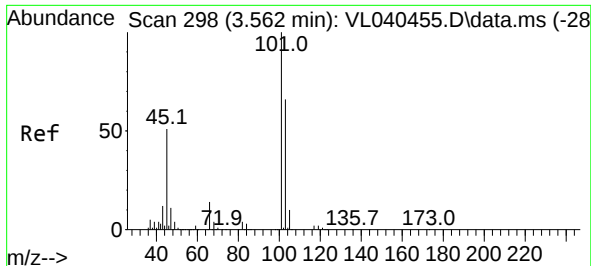


#15
Acetone
Concen: 2.025 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.010 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26



Tgt Ion: 43 Resp: 247950
Ion Ratio Lower Upper
43 100
58 28.0 21.6 32.4





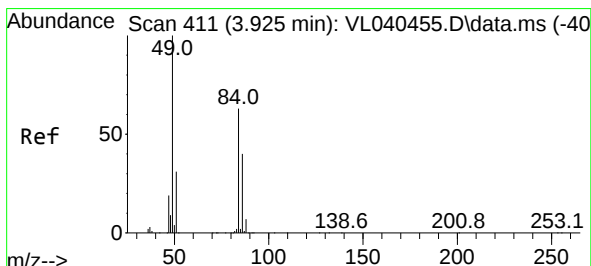
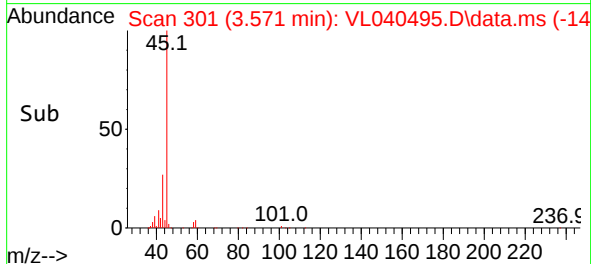
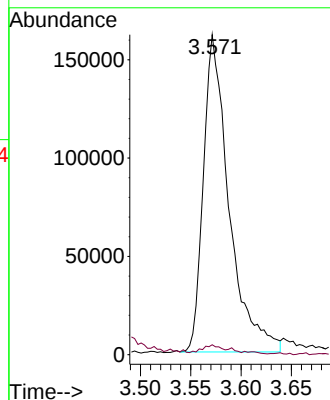
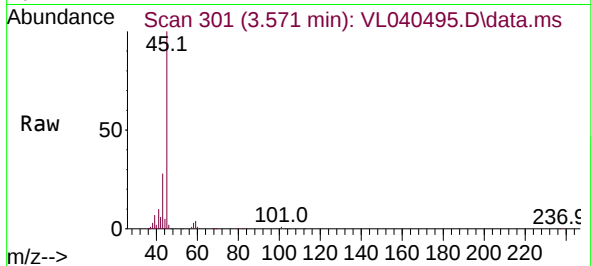
#19
Isopropyl Alcohol
Concen: 4.844 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 45 Resp: 285930
Ion Ratio Lower Upper
45 100
58 4.0 2.6 4.0

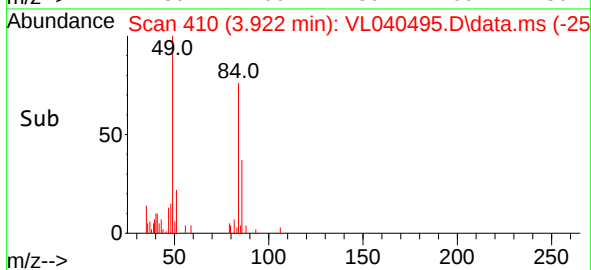
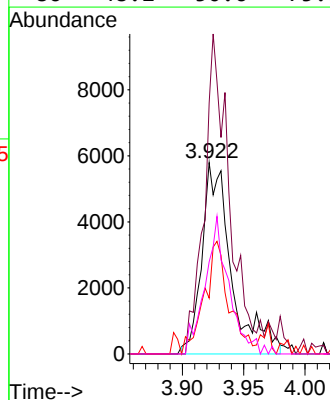
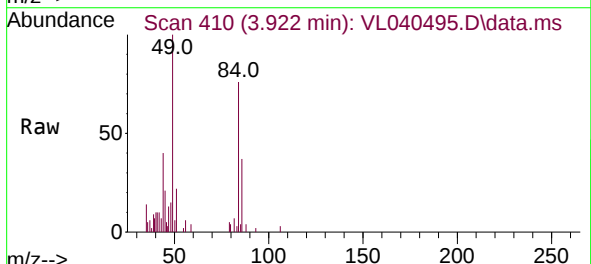
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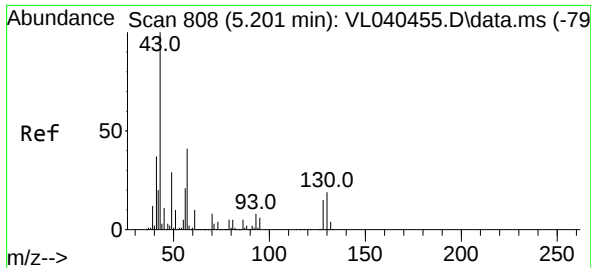
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#20
Methylene Chloride
Concen: 0.184 ppbv m
RT: 3.922 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

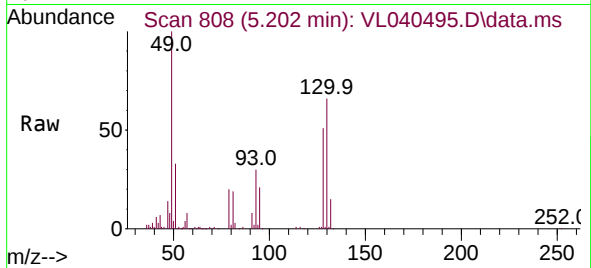
Tgt Ion: 84 Resp: 9615
Ion Ratio Lower Upper
84 100
49 131.2 126.2 189.2
51 29.2 38.7 58.1#
86 48.2 50.6 75.8#





#25
Ethyl Acetate
Concen: 0.100 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

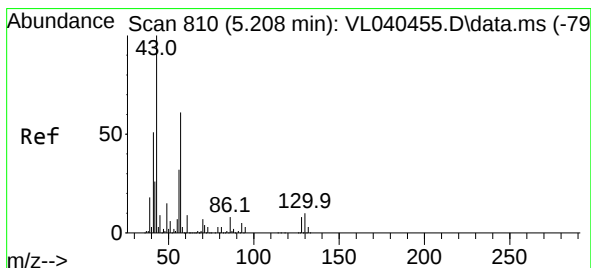
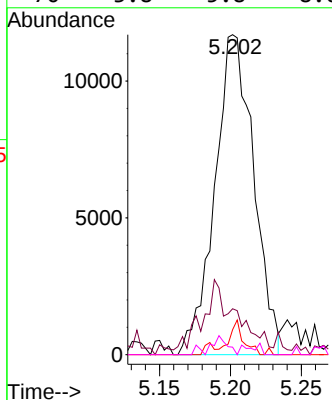
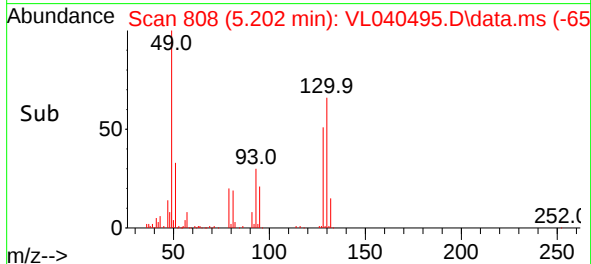
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 43 Resp: 22299
Ion Ratio Lower Upper
43 100
45 24.4 8.0 12.0#
61 5.0 8.1 12.1#
70 3.8 5.8 8.6#

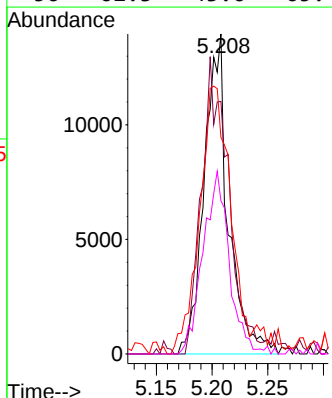
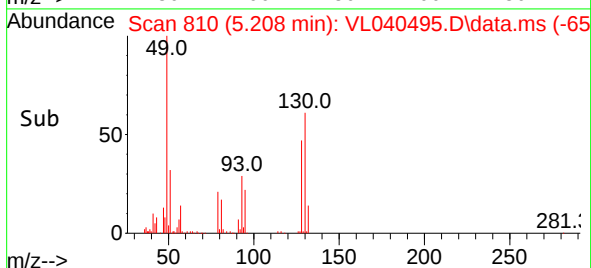
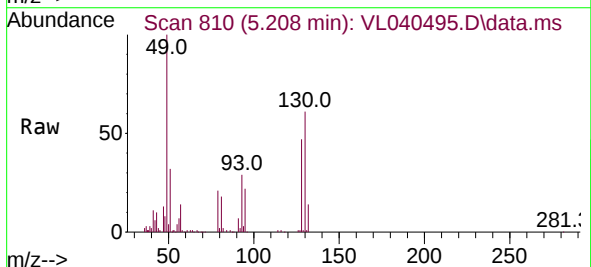
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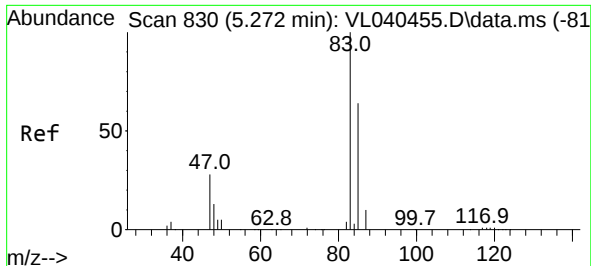
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
Hexane
Concen: 0.200 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

Tgt Ion: 57 Resp: 21058
Ion Ratio Lower Upper
57 100
41 110.2 73.0 109.6#
43 112.2 177.5 266.3#
56 62.3 43.6 65.4





#29

Chloroform

Concen: 0.122 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040495.D

Acq: 22 Jun 2023 21:26

Instrument :

MSVOA_L

ClientSampleId :

SV-2DL

Tgt Ion: 83 Resp: 2192

Ion Ratio Lower Upper

83 100

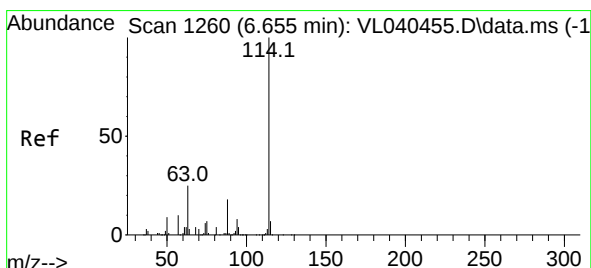
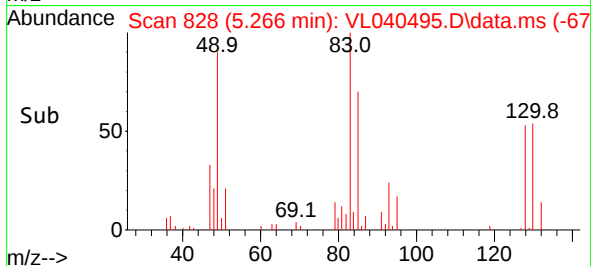
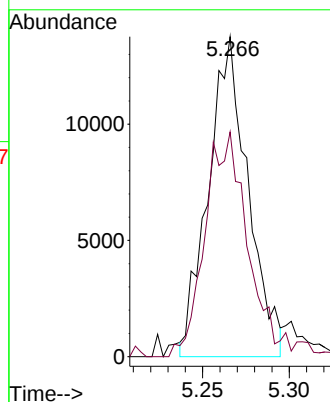
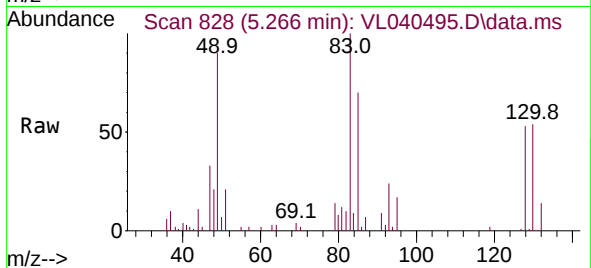
85 70.0 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/26/2023

Supervised By :Mahesh Dadoda 06/27/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VL040495.D

Acq: 22 Jun 2023 21:26

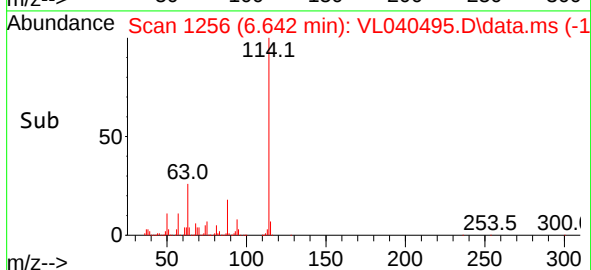
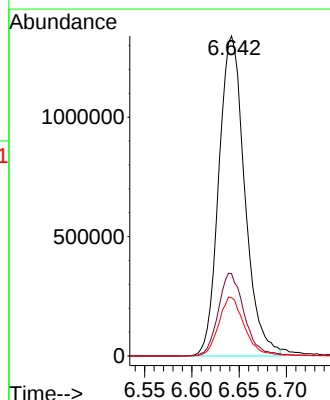
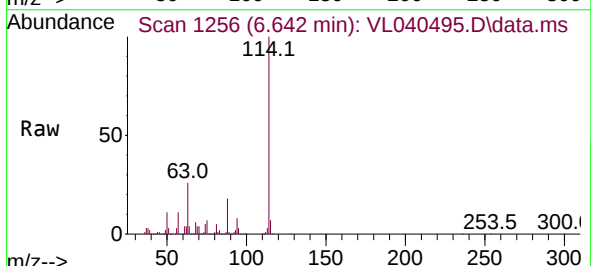
Tgt Ion:114 Resp: 2555661

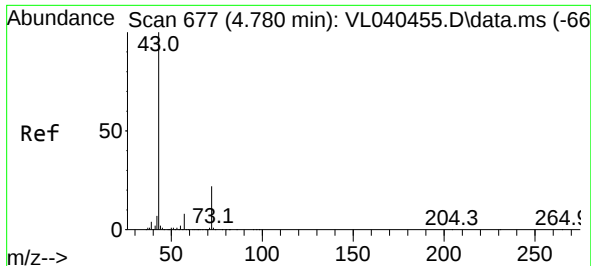
Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

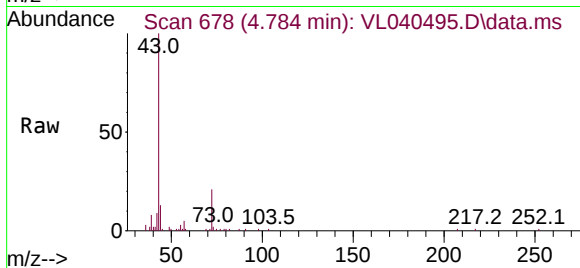
88 18.4 14.5 21.7





#34
2-Butanone
Concen: 0.366 ppbv
RT: 4.784 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

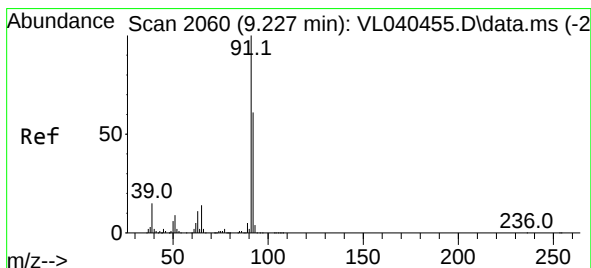
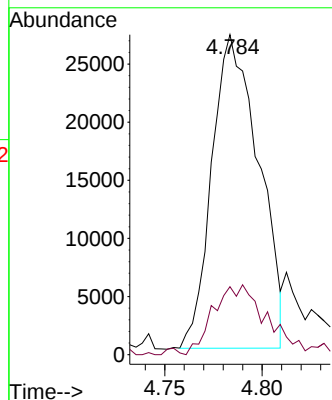
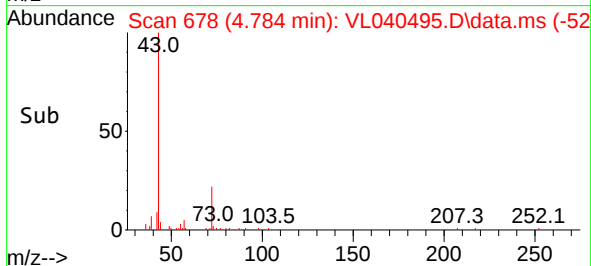
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 43 Resp: 45092
Ion Ratio Lower Upper
43 100
72 28.5 18.1 27.1

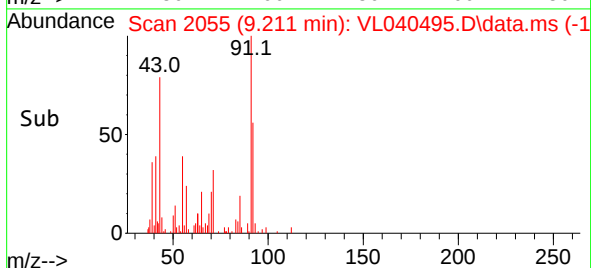
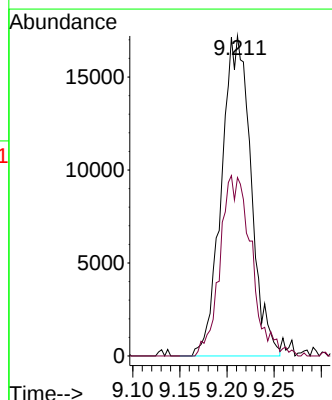
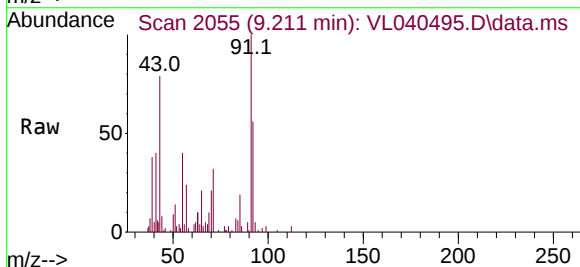
Manual Integrations
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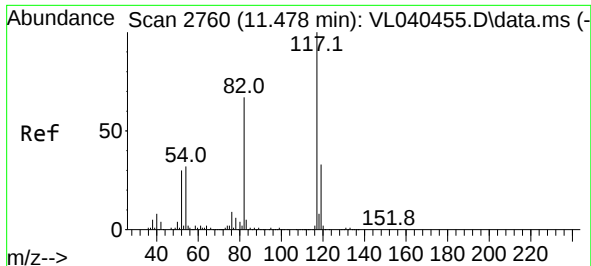
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#53
Toluene
Concen: 0.175 ppbv m
RT: 9.211 min Scan# 2055
Delta R.T. -0.016 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

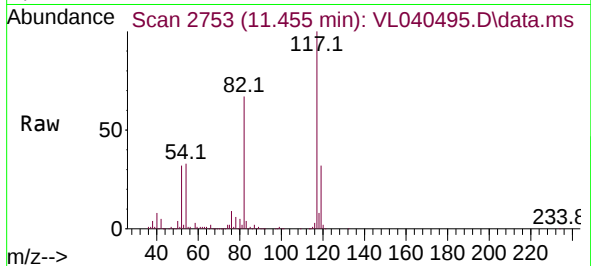
Tgt Ion: 91 Resp: 37574
Ion Ratio Lower Upper
91 100
92 0.0 49.1 73.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

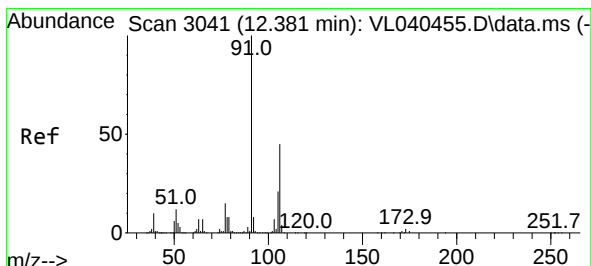
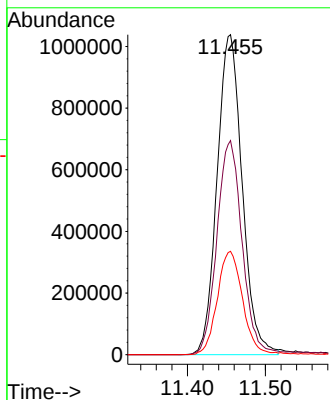
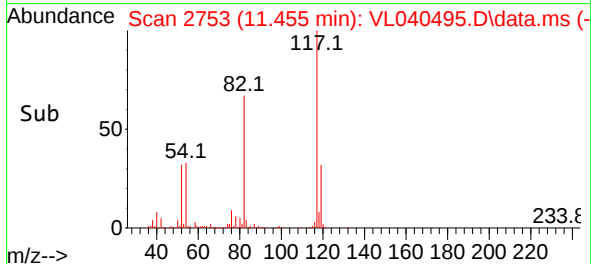
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 117 Resp: 232526
Ion Ratio Lower Upper
117 100
82 68.7 53.0 79.4
119 32.9 24.4 36.6

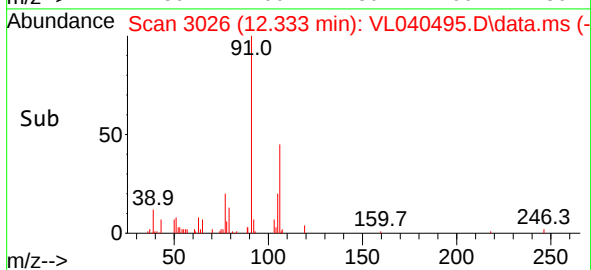
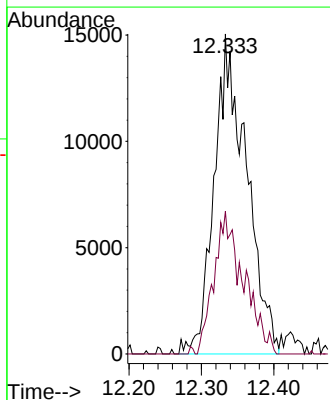
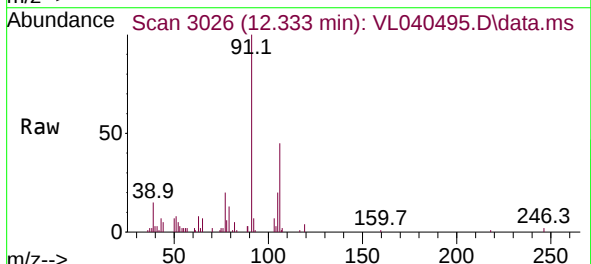
Manual Integrations
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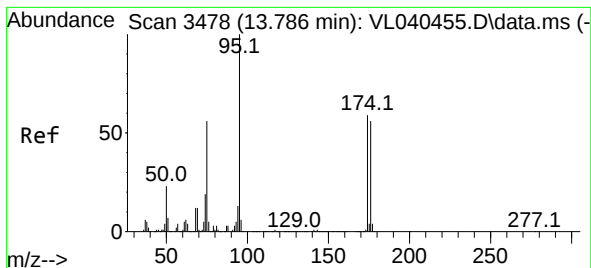
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#59
m/p-Xylene
Concen: 0.180 ppbv m
RT: 12.333 min Scan# 3026
Delta R.T. -0.048 min
Lab File: VL040495.D
Acq: 22 Jun 2023 21:26

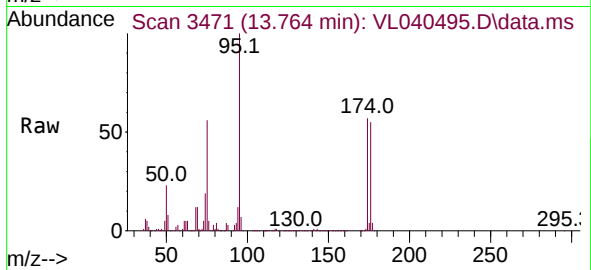
Tgt Ion: 91 Resp: 46560
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.848 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.022 min
 Lab File: VL040495.D
 Acq: 22 Jun 2023 21:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL



Tgt Ion: 95 Resp: 188996
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.7 71.5
 175 4.3 3.5 5.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
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