

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040497.D
 Acq On : 22 Jun 2023 22:47
 Operator : SY/MD
 Sample : 03300-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:32:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	960747	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2499489	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2228340	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1802533	9.801	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	150995	15.027	ppbv	94
15) Acetone	3.469	43	219665	1.896	ppbv	95
19) Isopropyl Alcohol	3.578	45	203964	3.652	ppbv #	95
20) Methylene Chloride	3.928	84	17819	0.360	ppbv #	86
26) Hexane	5.208	57	11268m	0.113	ppbv	
34) 2-Butanone	4.787	43	61533	0.511	ppbv	93
53) Toluene	9.211	91	30606	0.146	ppbv	96

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

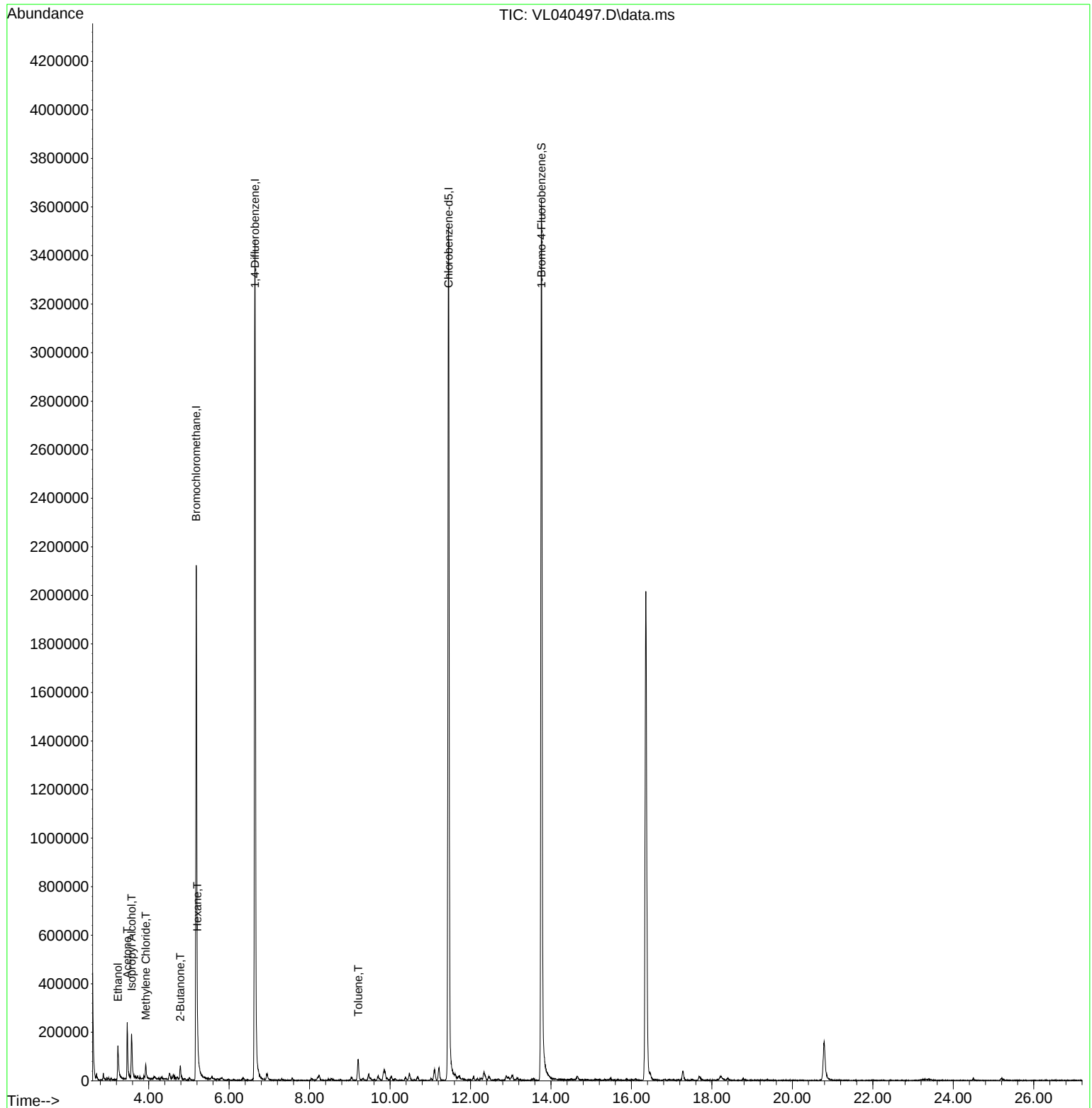
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
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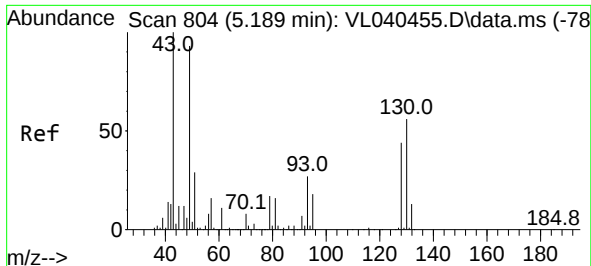
Instrument :
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Quant Time: Jun 23 01:32:52 2023
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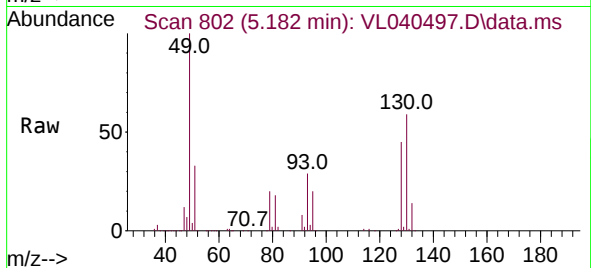
Reviewed By : Semsettin Yesilyurt 06/26/2023
Supervised By : Mahesh Dadoda 06/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

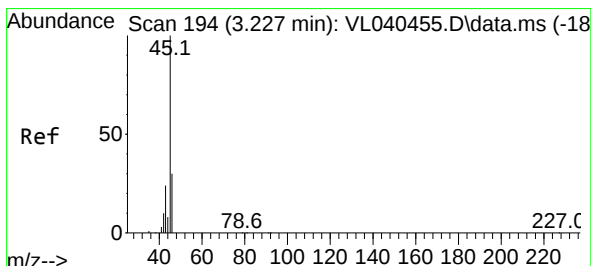
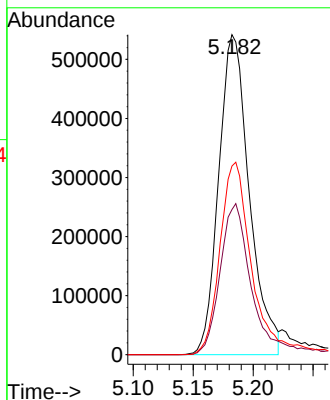
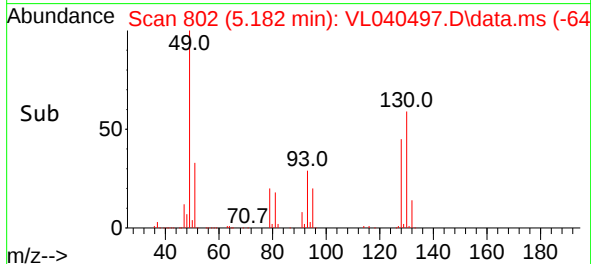
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 49 Resp: 96074
Ion Ratio Lower Upper
49 100
128 50.3 24.7 74.1
130 65.2 31.4 94.2

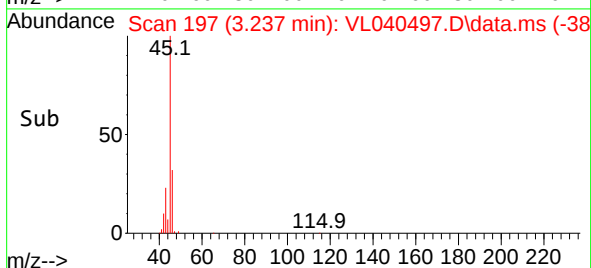
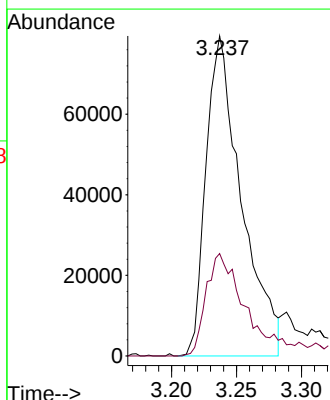
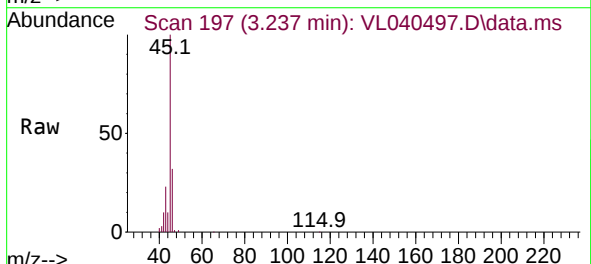
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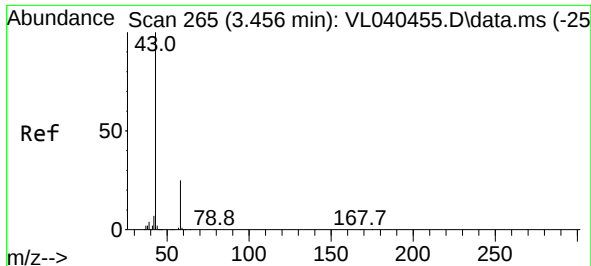
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#13
Ethanol
Concen: 15.027 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.010 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

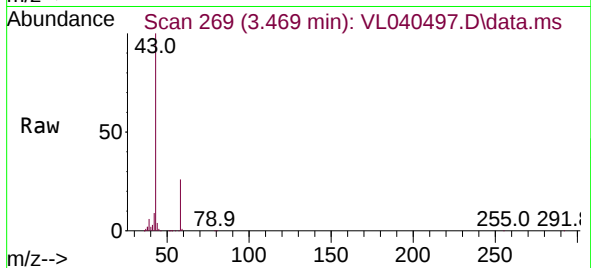
Tgt Ion: 45 Resp: 150995
Ion Ratio Lower Upper
45 100
46 39.7 14.5 58.1





#15
Acetone
Concen: 1.896 ppbv
RT: 3.469 min Scan# 21966
Delta R.T. 0.013 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

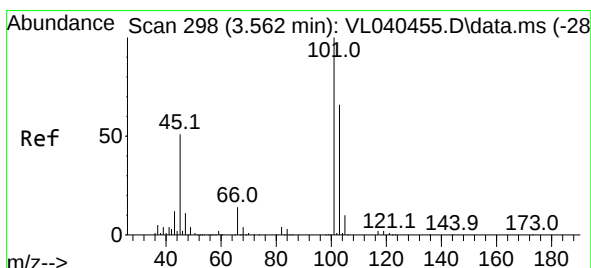
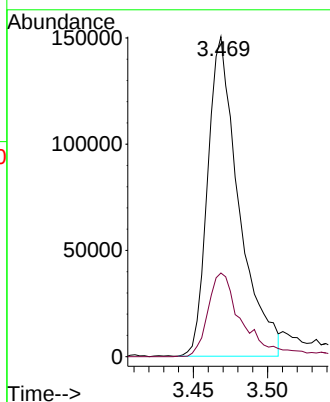
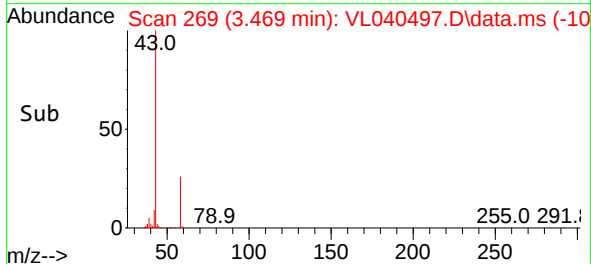
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



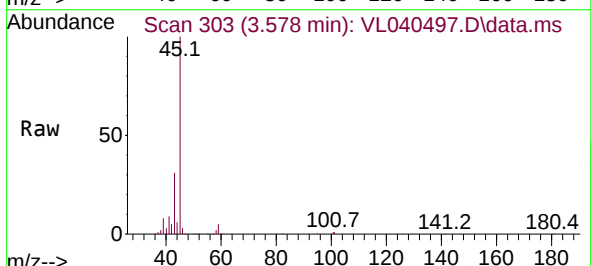
Tgt Ion: 43 Resp: 21966
Ion Ratio Lower Upper
43 100
58 29.7 21.6 32.4

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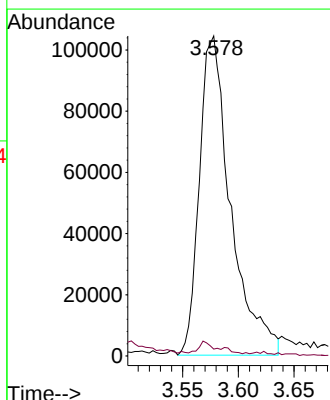
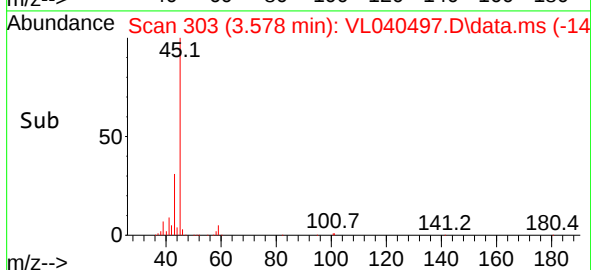
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

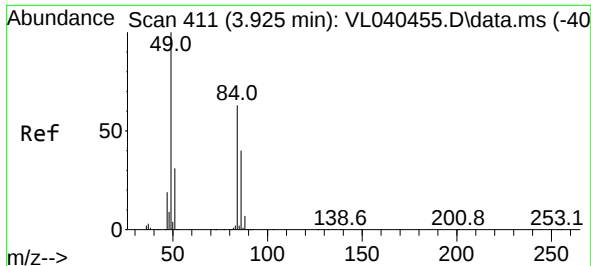


#19
Isopropyl Alcohol
Concen: 3.652 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.016 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47



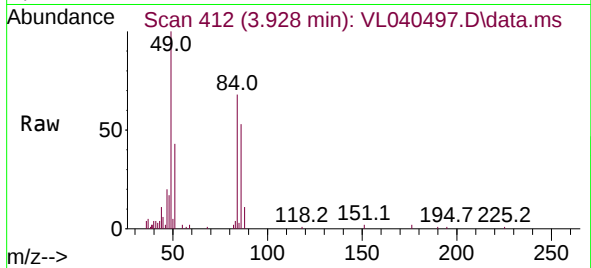
Tgt Ion: 45 Resp: 203964
Ion Ratio Lower Upper
45 100
58 5.0 2.6 4.0#





#20
Methylene Chloride
Concen: 0.360 ppbv
RT: 3.928 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

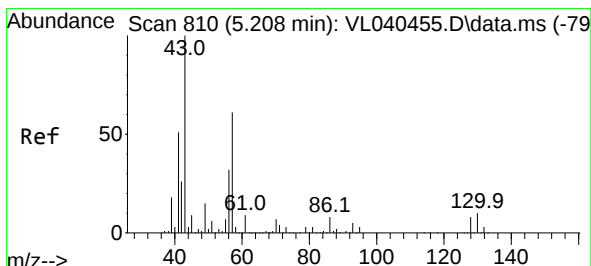
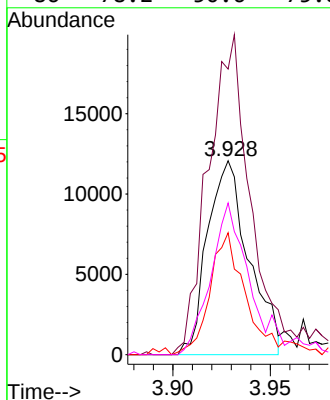
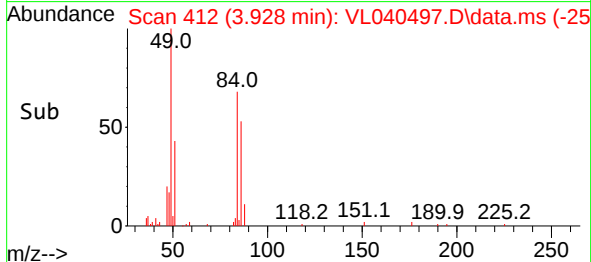
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 84 Resp: 17819
Ion Ratio Lower Upper
84 100
49 143.6 126.2 189.2
51 61.6 38.7 58.1
86 78.2 50.6 75.8#

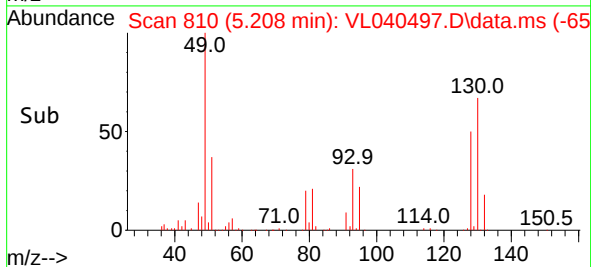
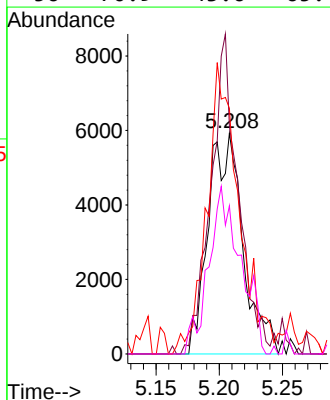
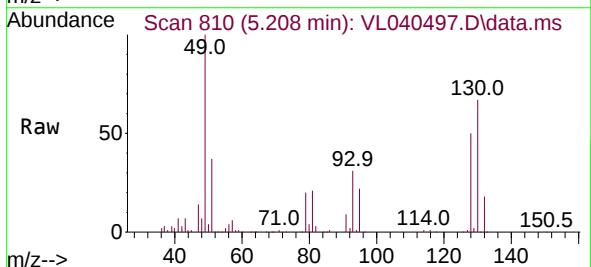
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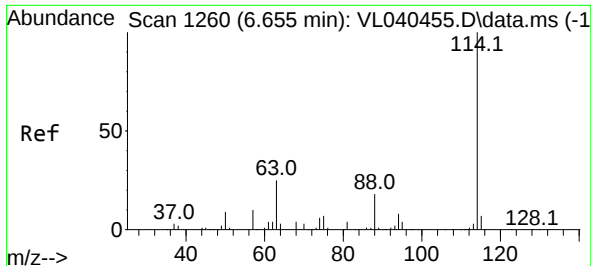
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
Hexane
Concen: 0.113 ppbv m
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

Tgt Ion: 57 Resp: 11268
Ion Ratio Lower Upper
57 100
41 0.0 73.0 109.6#
43 135.1 177.5 266.3#
56 70.9 43.6 65.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040497.D

Acq: 22 Jun 2023 22:47

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tgt Ion:114 Resp: 2499489

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

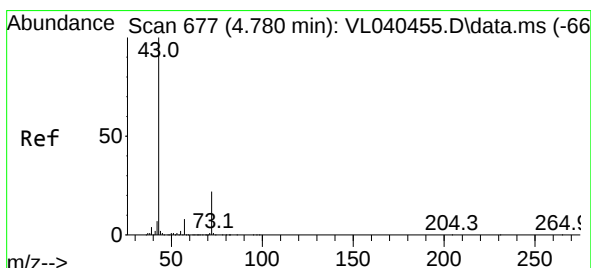
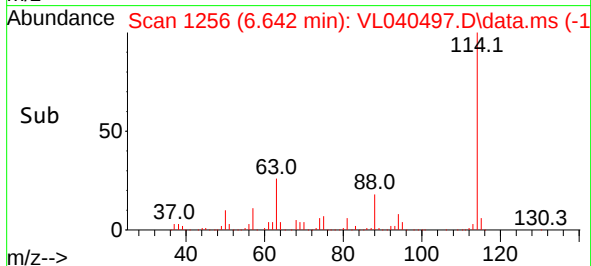
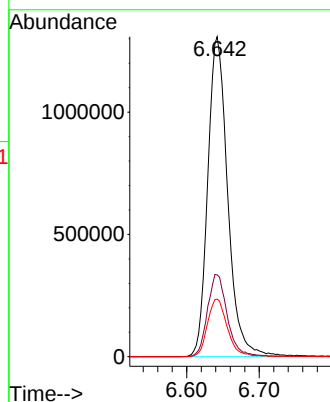
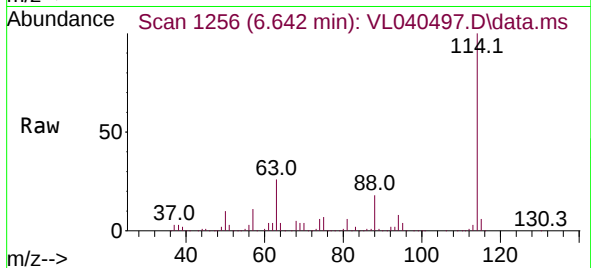
88 18.2 14.5 21.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/27/2023



#34

2-Butanone

Concen: 0.511 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040497.D

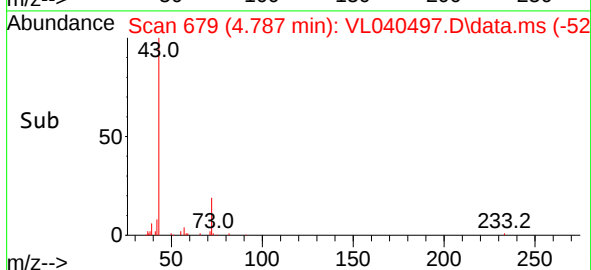
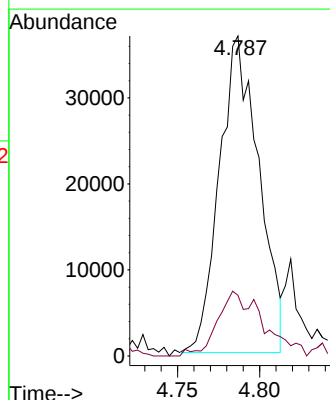
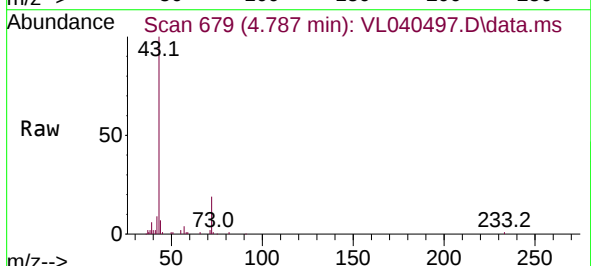
Acq: 22 Jun 2023 22:47

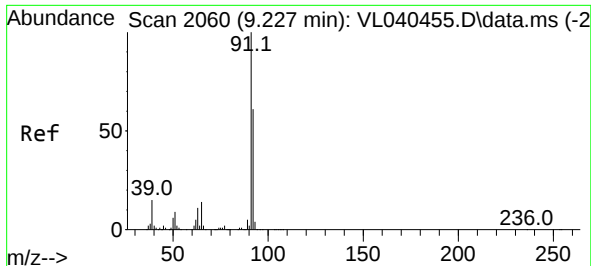
Tgt Ion: 43 Resp: 61533

Ion Ratio Lower Upper

43 100

72 26.1 18.1 27.1





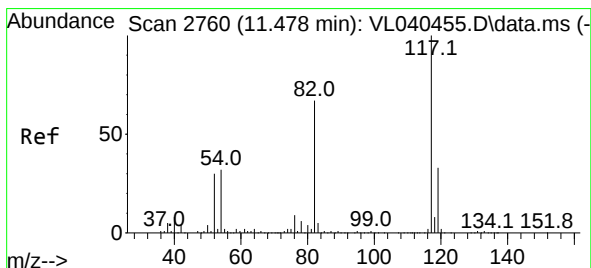
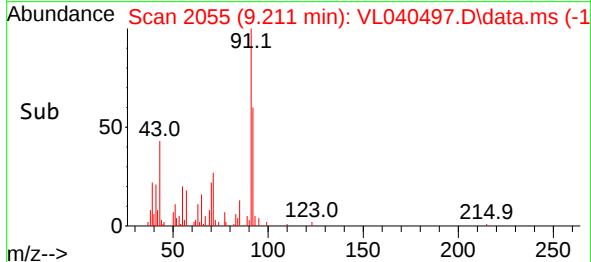
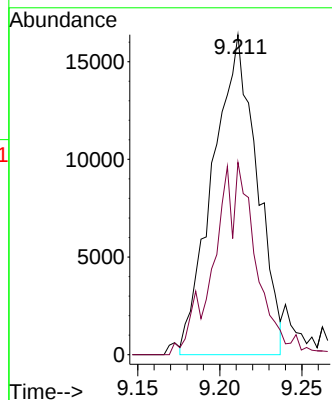
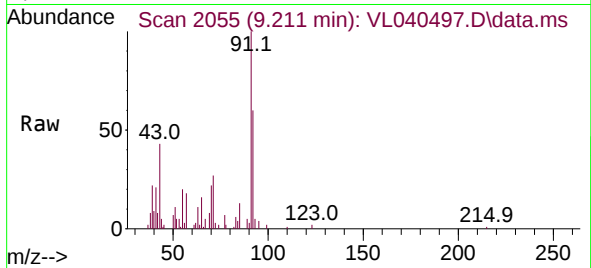
#53
Toluene
Concen: 0.146 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 91 Resp: 30600
Ion Ratio Lower Upper
91 100
92 58.1 49.1 73.7

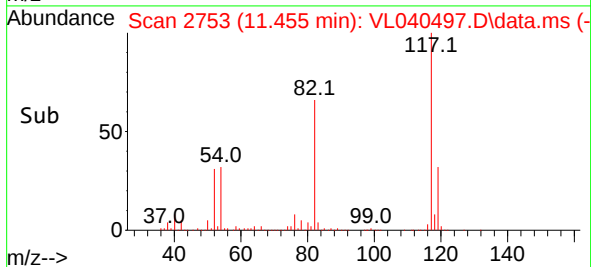
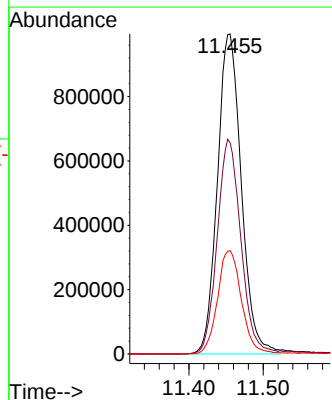
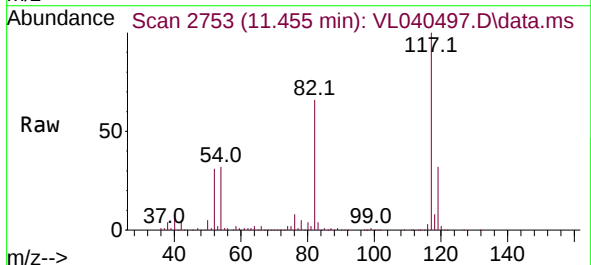
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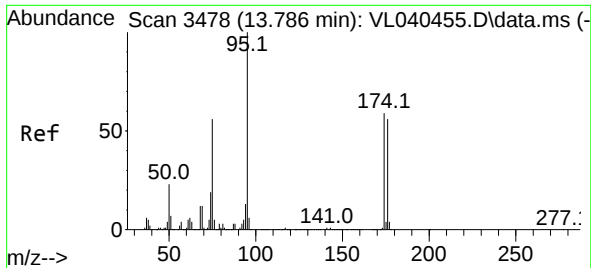
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.022 min
Lab File: VL040497.D
Acq: 22 Jun 2023 22:47

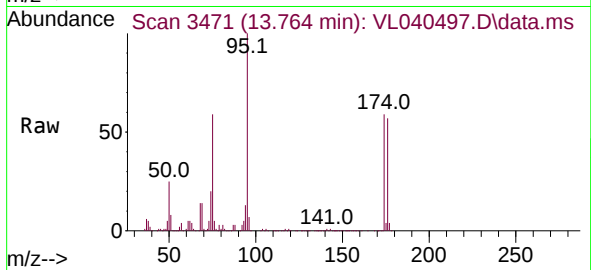
Tgt Ion:117 Resp: 2228340
Ion Ratio Lower Upper
117 100
82 67.7 53.0 79.4
119 32.8 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.801 ppbv
 RT: 13.764 min Scan# 3478
 Delta R.T. -0.022 min
 Lab File: VL040497.D
 Acq: 22 Jun 2023 22:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL



Tgt Ion: 95 Resp: 180253
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.7 71.5
 175 4.2 3.5 5.3

Manual Integrations
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