

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040895.D
 Acq On : 17 Nov 2023 14:51
 Operator : SY/MD
 Sample : 05474-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 20 03:59:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.217	49	946292	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2225977	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2004764	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1575198	10.036	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.771	85	21293m	0.111	ppbv	
4) Chloromethane	2.857	50	8475m	0.156	ppbv	
9) Propene	2.751	41	14514	0.285	ppbv	# 80
13) Ethanol	3.279	45	65402m	6.615	ppbv	
15) Acetone	3.500	43	2212602	21.954	ppbv	99
19) Isopropyl Alcohol	3.610	45	1652990	27.253	ppbv	100
20) Methylene Chloride	3.967	84	97685	2.349	ppbv	97
26) Hexane	5.233	57	78556	0.851	ppbv	# 62
34) 2-Butanone	4.819	43	19918m	0.176	ppbv	
53) Toluene	9.240	91	20591m	0.104	ppbv	

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

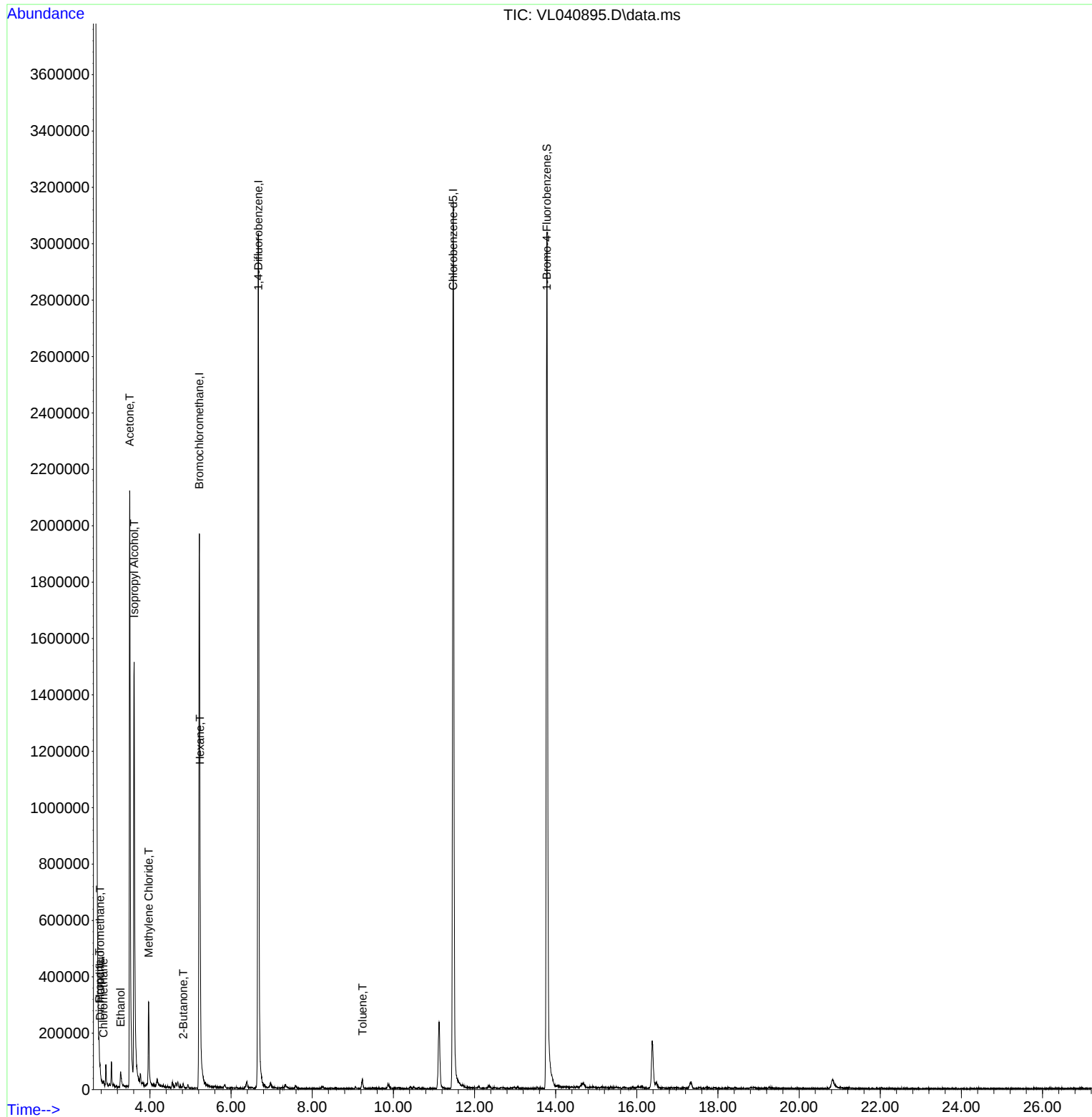
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
Data File : VL040895.D
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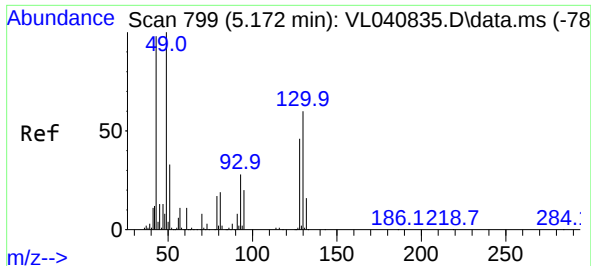
Instrument :
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Quant Time: Nov 20 03:59:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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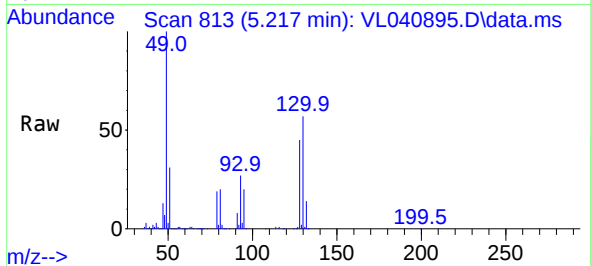
Reviewed By : Semsettin Yesilyurt 11/20/2023
Supervised By : Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

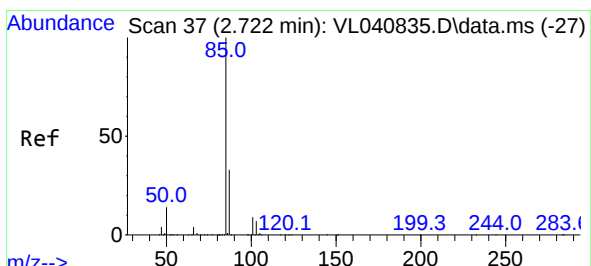
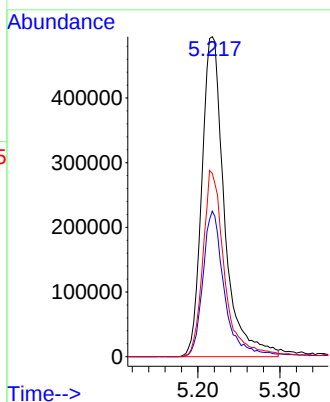
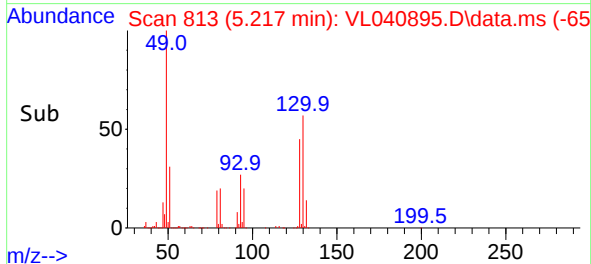
Instrument :
MSVOA_L
ClientSampleId :
VP-1



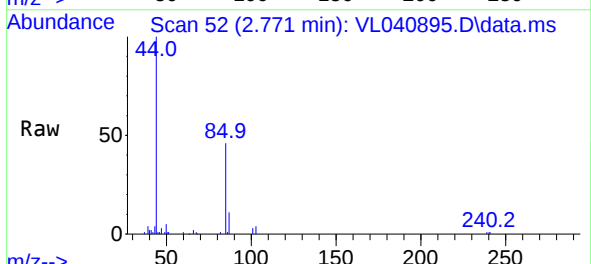
Tgt Ion: 49 Resp: 94629
Ion Ratio Lower Upper
49 100
128 44.1 23.8 71.2
130 56.1 30.9 92.8

Manual Integrations
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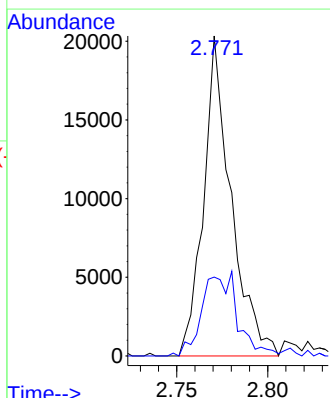
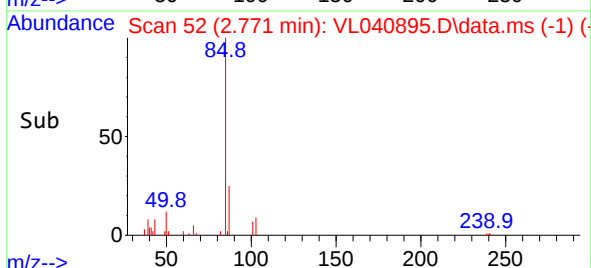
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



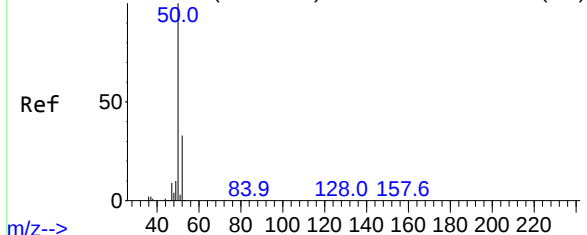
#2
Dichlorodifluoromethane
Concen: 0.111 ppbv m
RT: 2.771 min Scan# 52
Delta R.T. -0.003 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51



Tgt Ion: 85 Resp: 21293
Ion Ratio Lower Upper
85 100
87 24.6 26.7 40.1#



Abundance Scan 63 (2.806 min): VL040835.D\data.ms (-50)



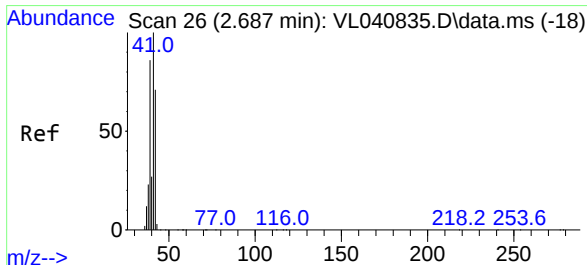
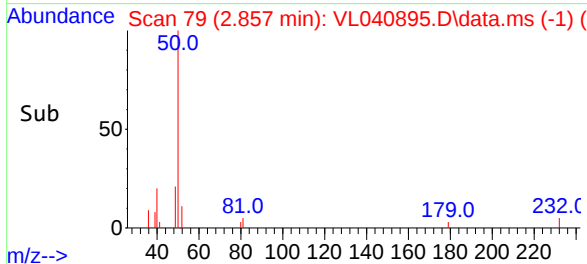
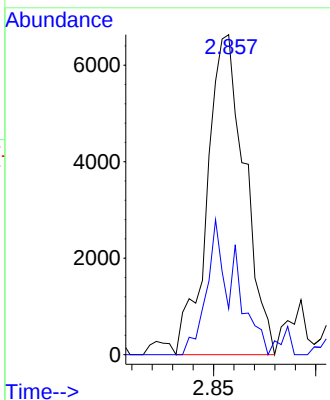
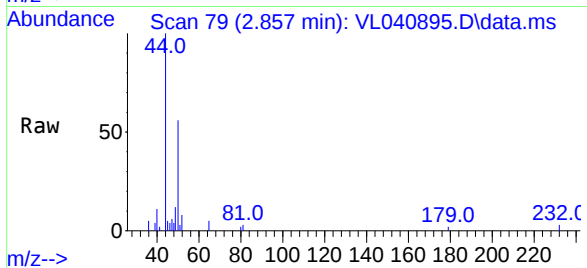
#4
Chloromethane
Concen: 0.156 ppbv m
RT: 2.857 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 50 Resp: 8475
Ion Ratio Lower Upper
50 100
52 14.4 26.5 39.75

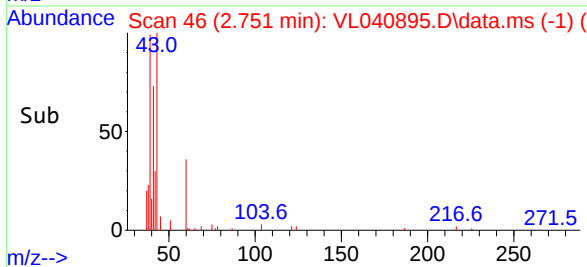
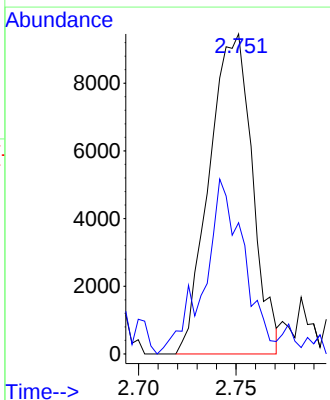
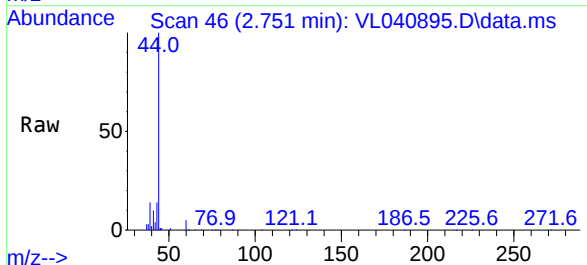
Manual Integrations
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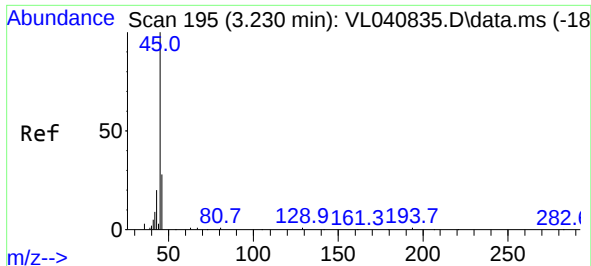
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#9
Propene
Concen: 0.285 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.013 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

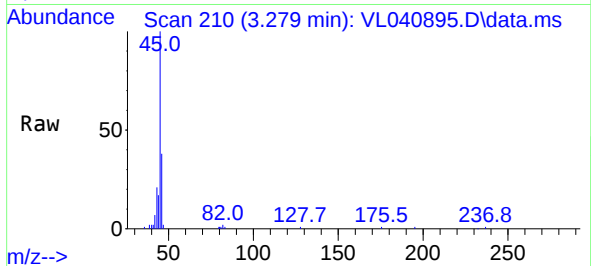
Tgt Ion: 41 Resp: 14514
Ion Ratio Lower Upper
41 100
42 54.3 56.5 84.75





#13
Ethanol
Concen: 6.615 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. -0.000 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

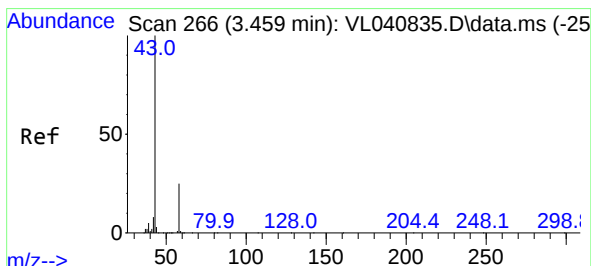
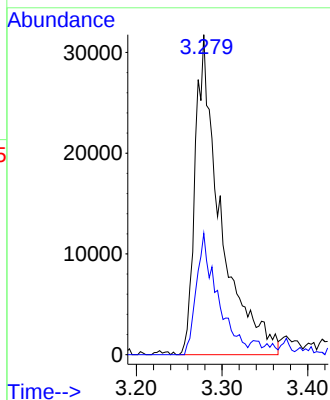
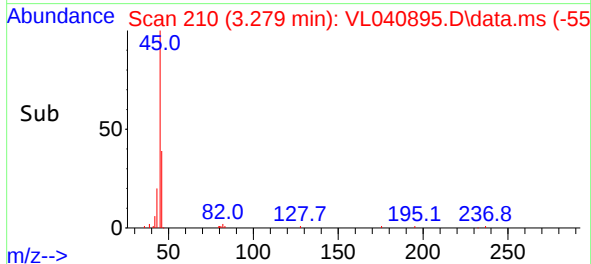
Instrument :
MSVOA_L
ClientSampleId :
VP-1



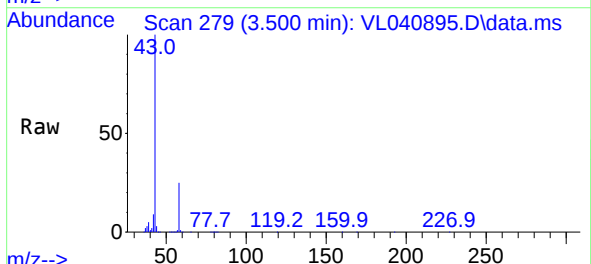
Tgt Ion: 45 Resp: 65402
Ion Ratio Lower Upper
45 100
46 37.9 0.0 0.0

Manual Integrations
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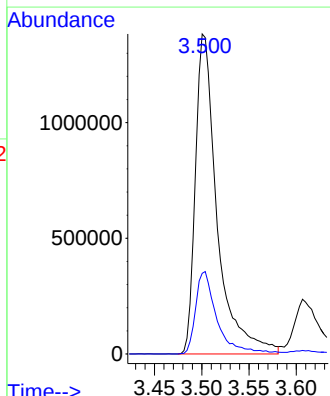
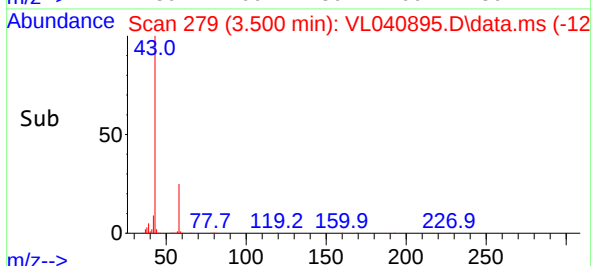
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

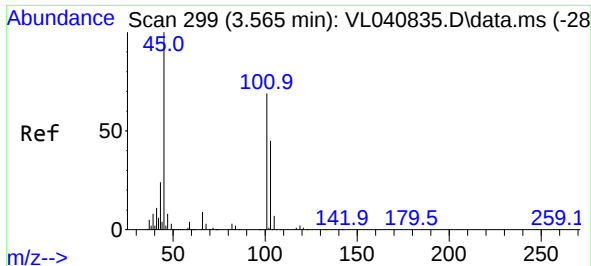


#15
Acetone
Concen: 21.954 ppbv
RT: 3.500 min Scan# 279
Delta R.T. -0.000 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51



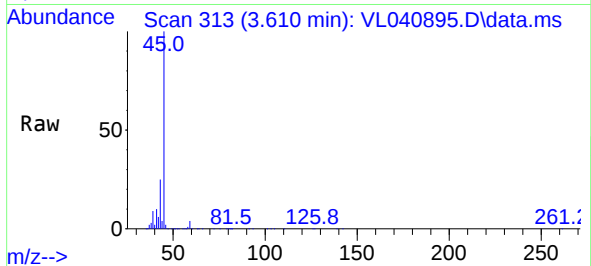
Tgt Ion: 43 Resp: 2212602
Ion Ratio Lower Upper
43 100
58 25.5 20.9 31.3





#19
Isopropyl Alcohol
Concen: 27.253 ppbv
RT: 3.610 min Scan# 313
Delta R.T. -0.000 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

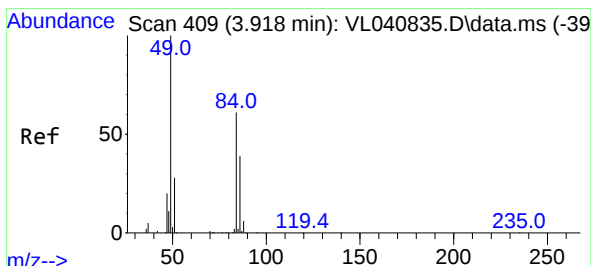
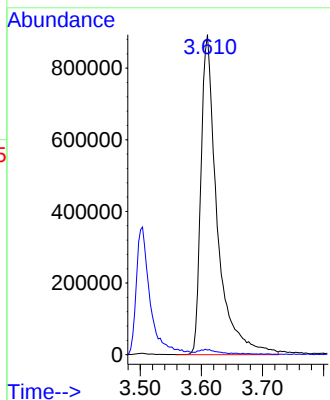
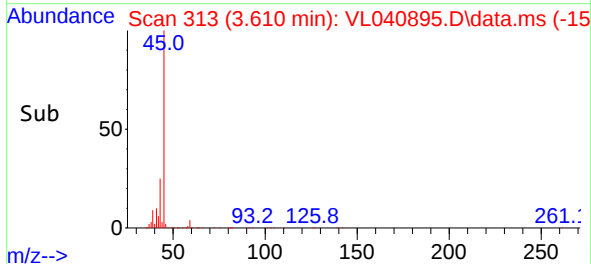
Instrument :
MSVOA_L
ClientSampleId :
VP-1



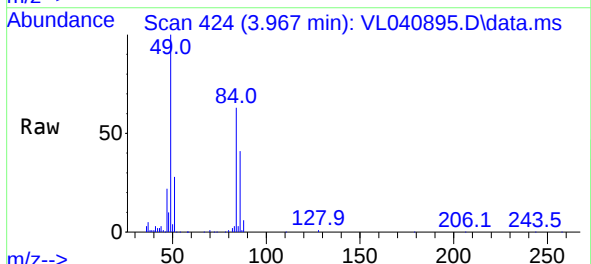
Tgt Ion: 45 Resp: 1652990
Ion Ratio Lower Upper
45 100
58 2.1 1.6 2.4

Manual Integrations
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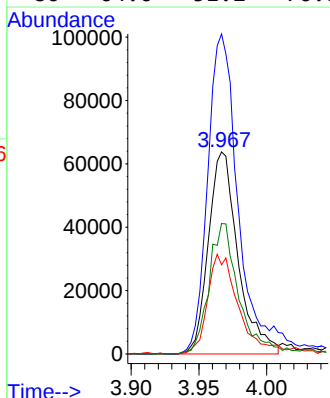
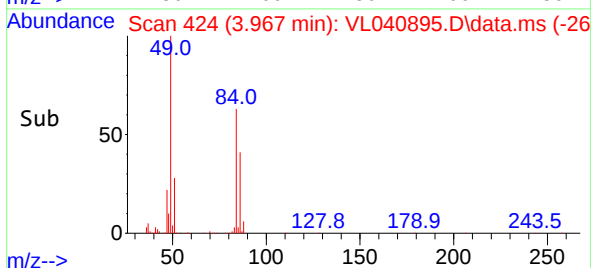
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

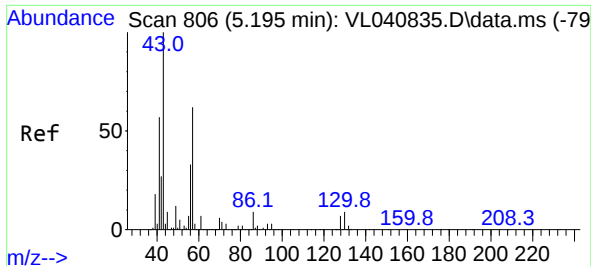


#20
Methylene Chloride
Concen: 2.349 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51



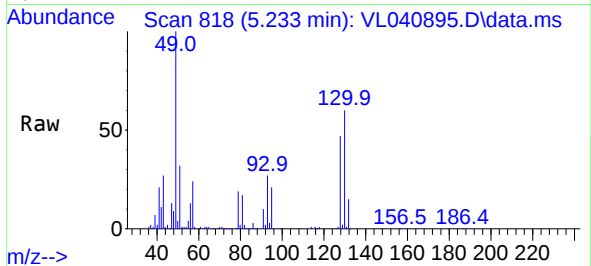
Tgt Ion: 84 Resp: 97685
Ion Ratio Lower Upper
84 100
49 158.3 131.0 196.4
51 44.1 36.9 55.3
86 64.6 51.2 76.8





#26
Hexane
Concen: 0.851 ppbv
RT: 5.233 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

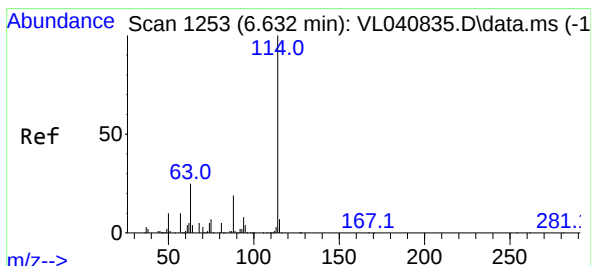
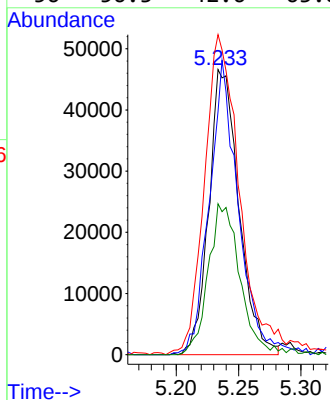
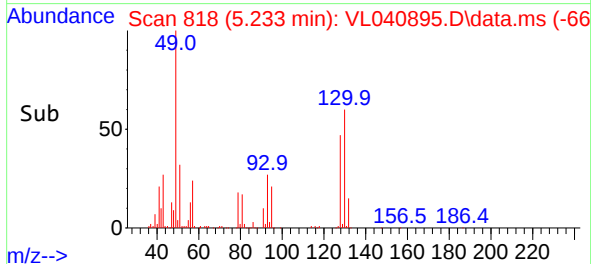
Instrument :
MSVOA_L
ClientSampleId :
VP-1



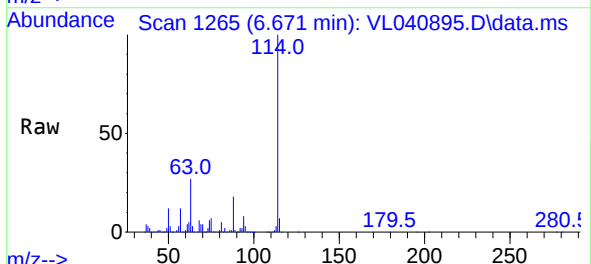
Tgt Ion: 57 Resp: 78550
Ion Ratio Lower Upper
57 100
41 100.9 75.4 113.0
43 135.4 185.9 278.9
56 56.3 42.6 63.8

Manual Integrations
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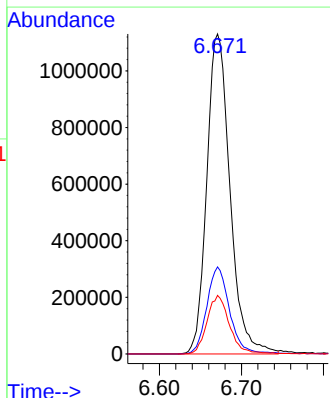
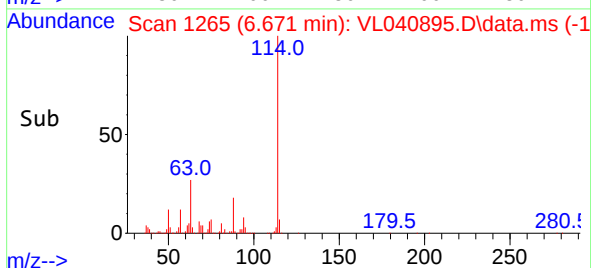
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

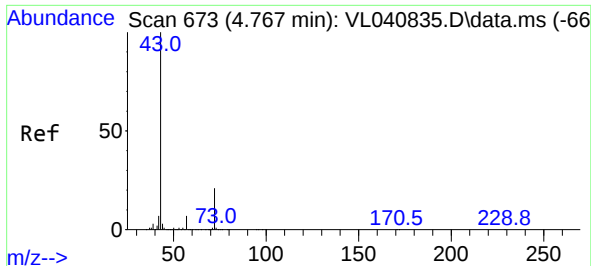


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51



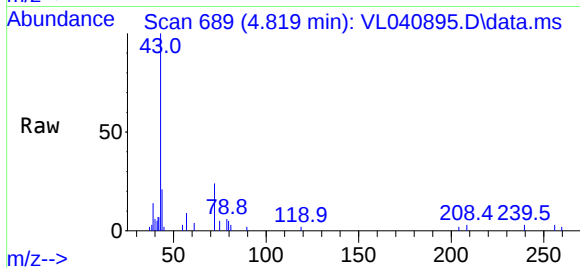
Tgt Ion:114 Resp: 2225977
Ion Ratio Lower Upper
114 100
63 26.8 20.9 31.3
88 17.8 14.3 21.5





#34
2-Butanone
Concen: 0.176 ppbv m
RT: 4.819 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

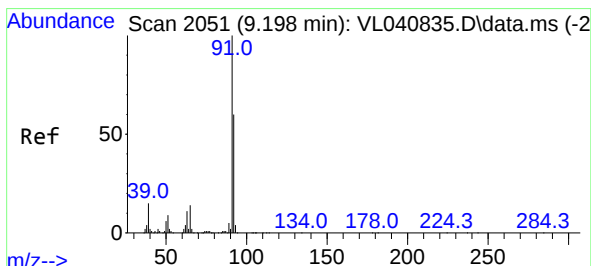
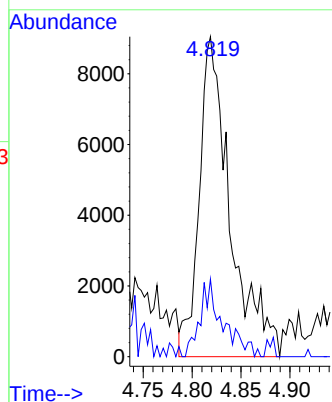
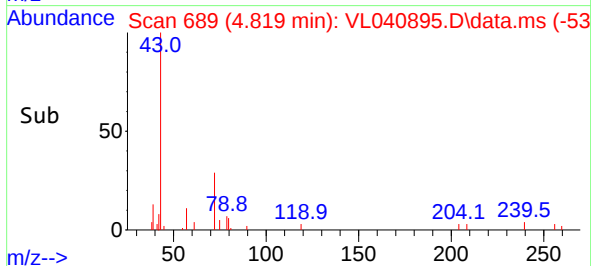
Instrument :
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Tgt Ion: 43 Resp: 19918
Ion Ratio Lower Upper
43 100
72 19.1 17.2 25.8

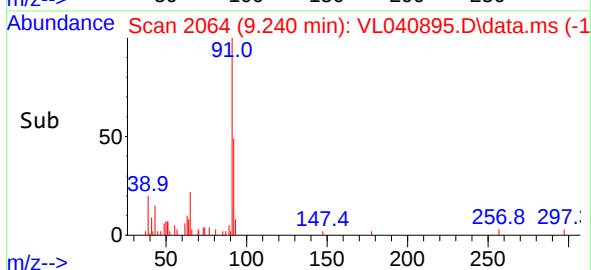
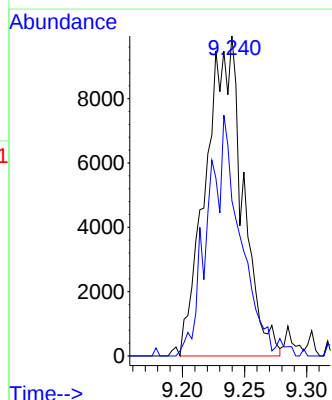
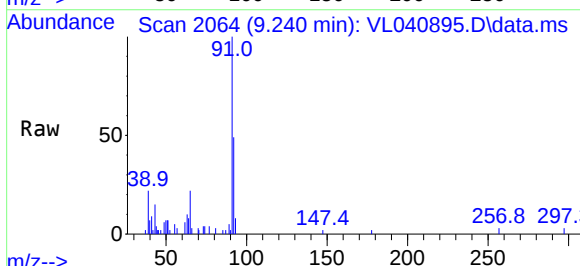
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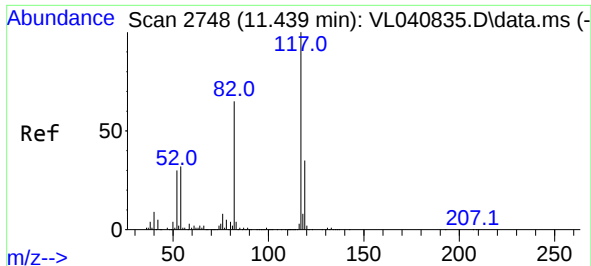
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#53
Toluene
Concen: 0.104 ppbv m
RT: 9.240 min Scan# 2064
Delta R.T. 0.016 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

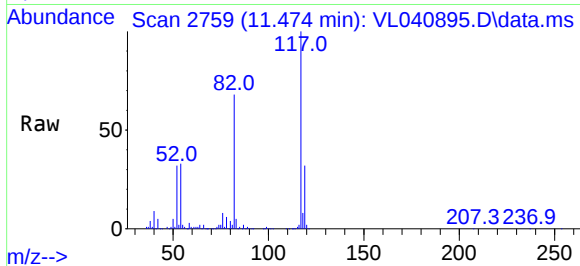
Tgt Ion: 91 Resp: 20591
Ion Ratio Lower Upper
91 100
92 66.9 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51

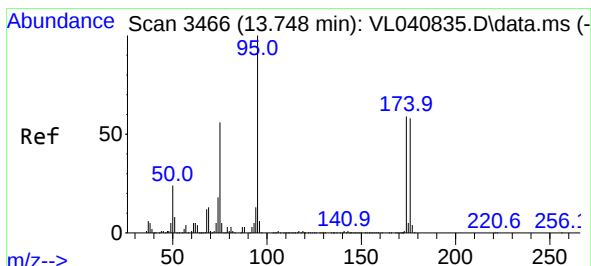
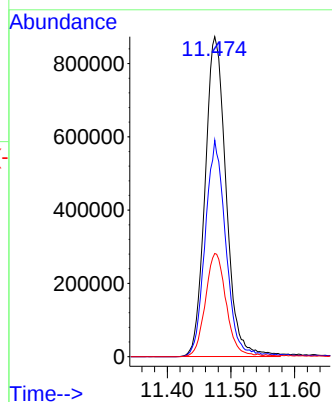
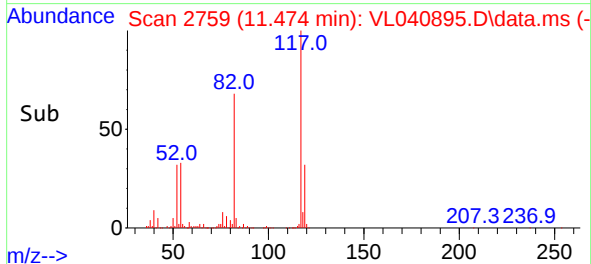
Instrument :
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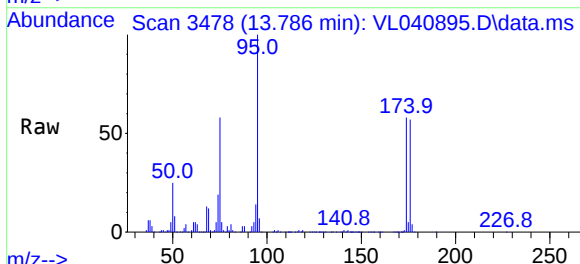
Tgt Ion: 117 Resp: 200476
Ion Ratio Lower Upper
117 100
82 67.2 50.6 75.8
119 32.6 23.3 34.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.036 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.016 min
Lab File: VL040895.D
Acq: 17 Nov 2023 14:51



Tgt Ion: 95 Resp: 1575198
Ion Ratio Lower Upper
95 100
174 59.4 47.5 71.3
175 4.5 3.6 5.4

