

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040897.D
 Acq On : 17 Nov 2023 16:24
 Operator : SY/MD
 Sample : 05474-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Quant Time: Nov 20 03:59:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.211	49	906196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2145163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	1949062	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1625860	10.655	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.767	85	22757	0.124	ppbv #	88
9) Propene	2.735	41	13163m	0.270	ppbv	
13) Ethanol	3.275	45	57507m	6.074	ppbv	
15) Acetone	3.504	43	396957	4.113	ppbv	95
19) Isopropyl Alcohol	3.613	45	104520m	1.800	ppbv	
20) Methylene Chloride	3.960	84	620508	15.579	ppbv	98
26) Hexane	5.234	57	434420	4.912	ppbv #	41
34) 2-Butanone	4.822	43	42624m	0.390	ppbv	
36) Benzene	6.385	78	30464m	0.175	ppbv	
53) Toluene	9.233	91	34933m	0.182	ppbv	
61) Styrene	12.905	104	783558	7.881	ppbv	97

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

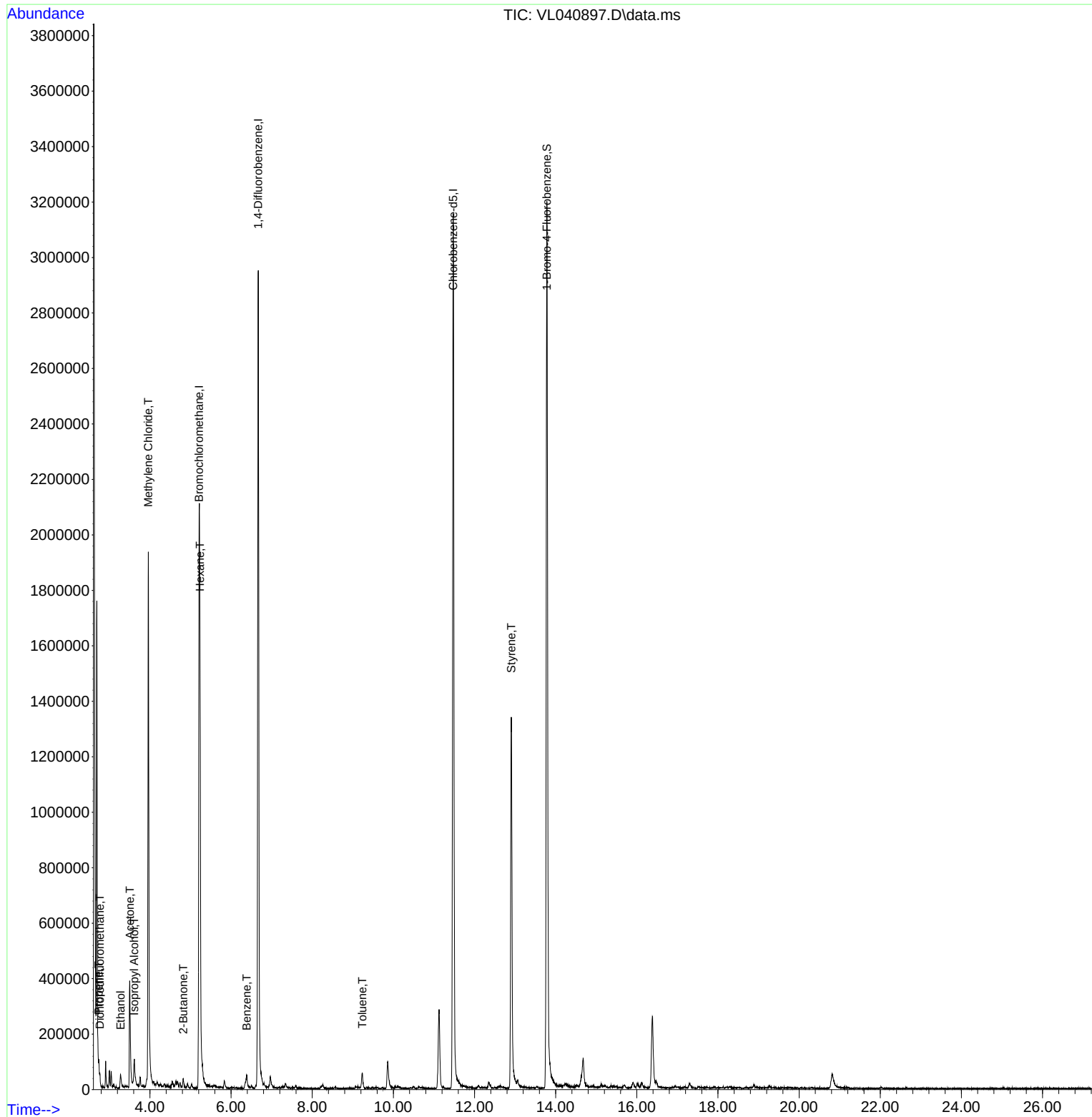
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
Data File : VL040897.D
Acq On : 17 Nov 2023 16:24
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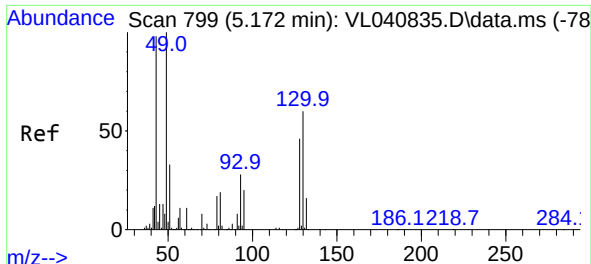
Instrument :
MSVOA_L
ClientSampleId :
VP-2

Quant Time: Nov 20 03:59:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

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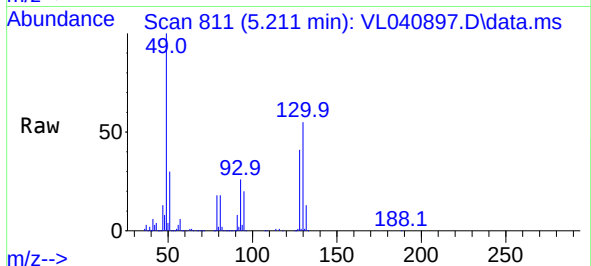
Reviewed By : Semsettin Yesilyurt 11/20/2023
Supervised By : Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

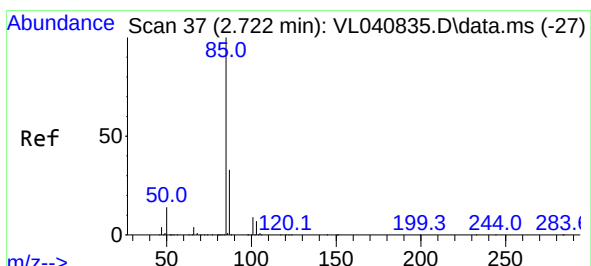
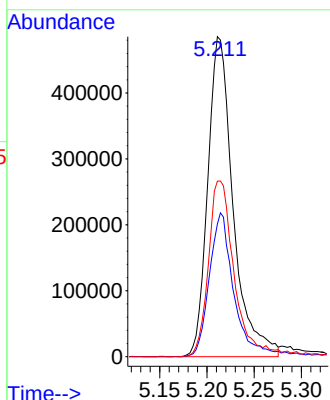
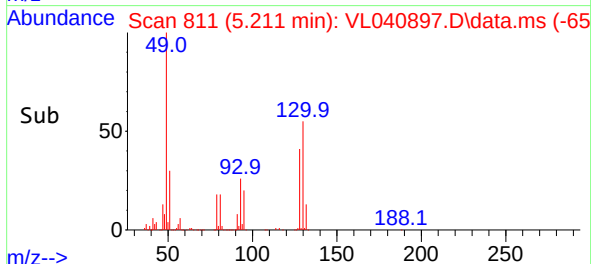
Instrument :
MSVOA_L
ClientSampleId :
VP-2



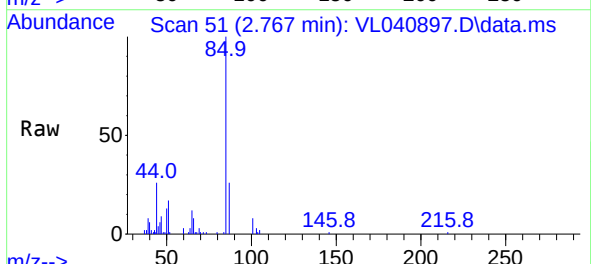
Tgt Ion: 49 Resp: 906190
Ion Ratio Lower Upper
49 100
128 45.1 23.8 71.2
130 58.6 30.9 92.8

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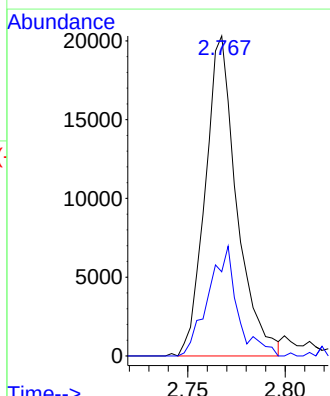
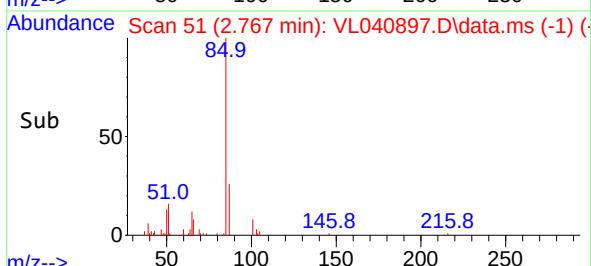
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

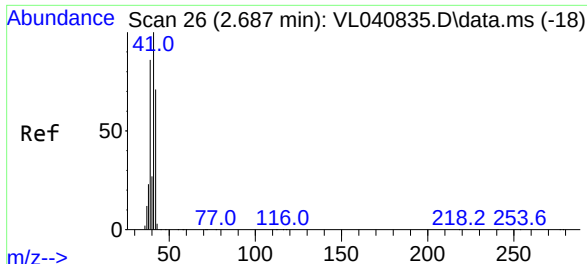


#2
Dichlorodifluoromethane
Concen: 0.124 ppbv
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24



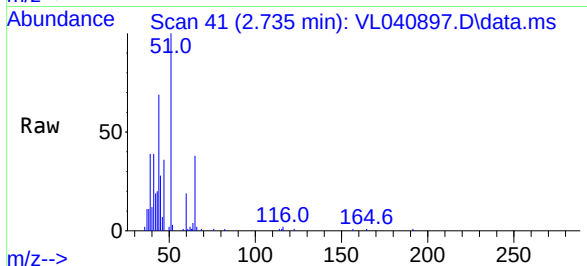
Tgt Ion: 85 Resp: 22757
Ion Ratio Lower Upper
85 100
87 26.3 26.7 40.1#





#9
Propene
Concen: 0.270 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

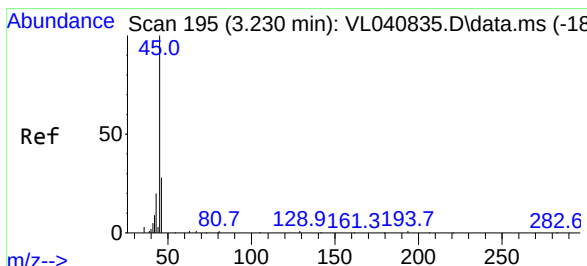
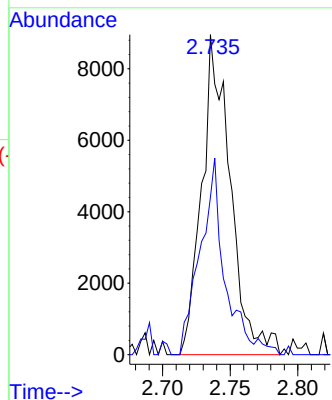
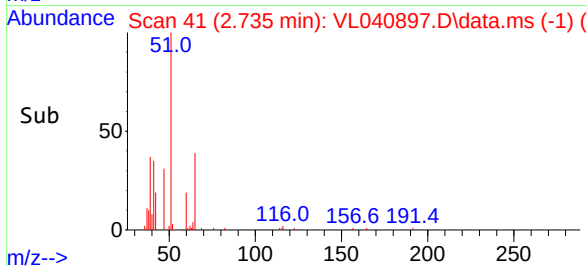
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 41 Resp: 1316
Ion Ratio Lower Upper
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42 54.8 56.5 84.7

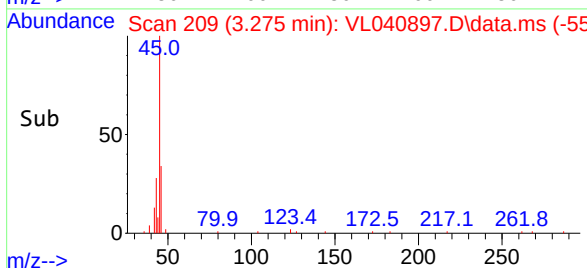
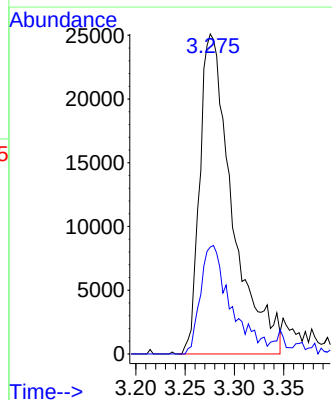
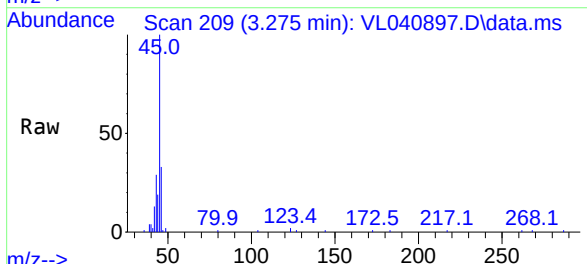
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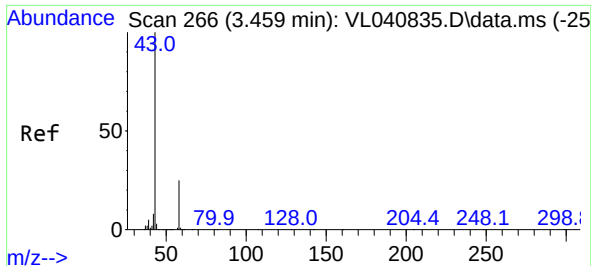
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 6.074 ppbv m
RT: 3.275 min Scan# 209
Delta R.T. -0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

Tgt Ion: 45 Resp: 57507
Ion Ratio Lower Upper
45 100
46 37.5 0.0 0.0





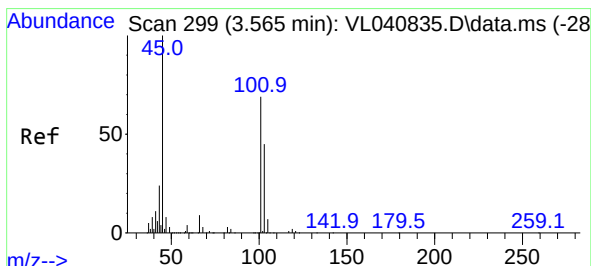
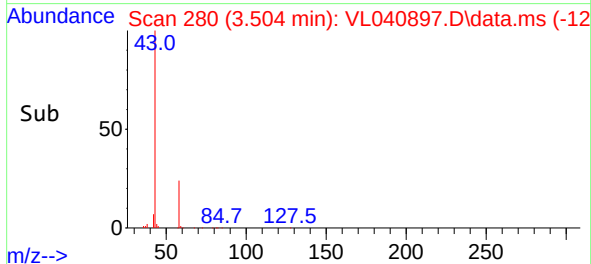
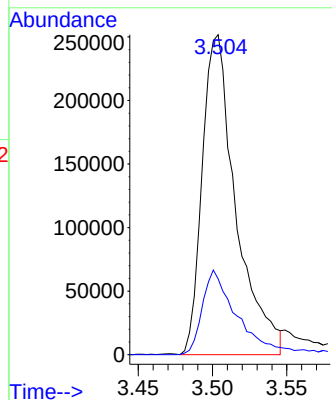
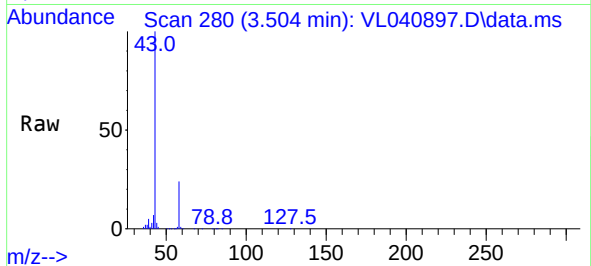
#15
Acetone
Concen: 4.113 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion: 43 Resp: 39695
Ion Ratio Lower Upper
43 100
58 28.5 20.9 31.3

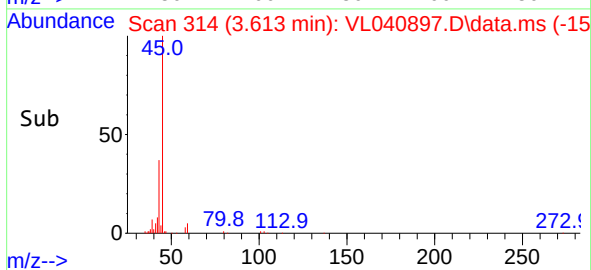
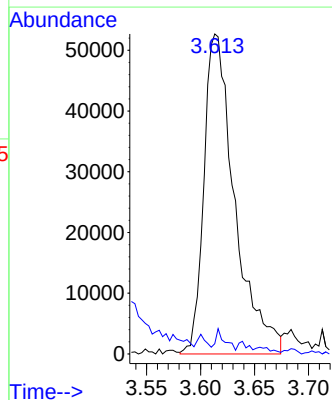
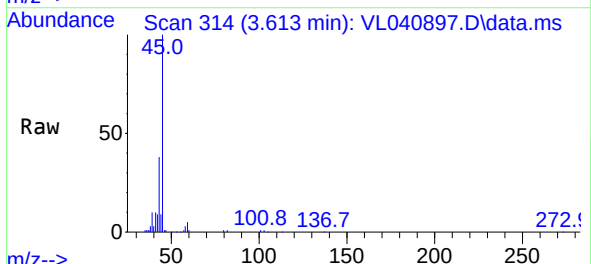
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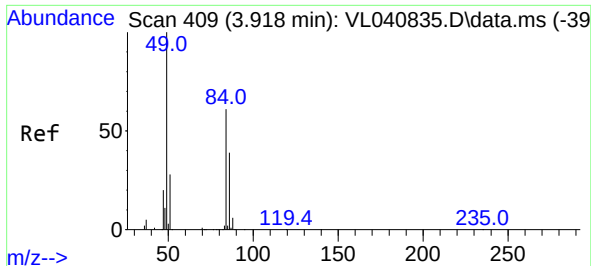
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#19
Isopropyl Alcohol
Concen: 1.800 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

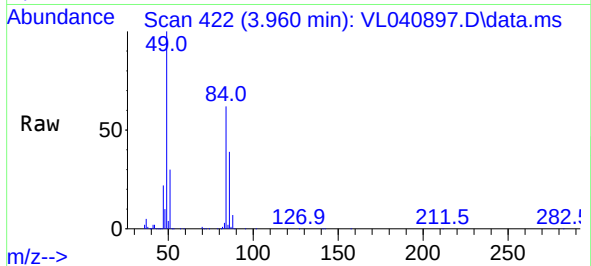
Tgt Ion: 45 Resp: 104520
Ion Ratio Lower Upper
45 100
58 6.1 1.6 2.4#





#20
Methylene Chloride
Concen: 15.579 ppbv
RT: 3.960 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

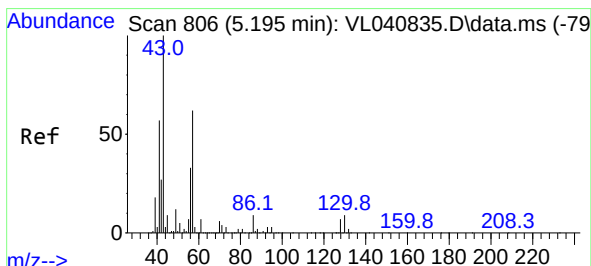
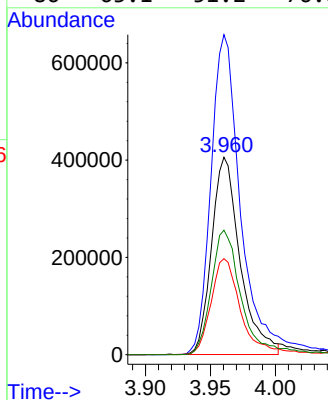
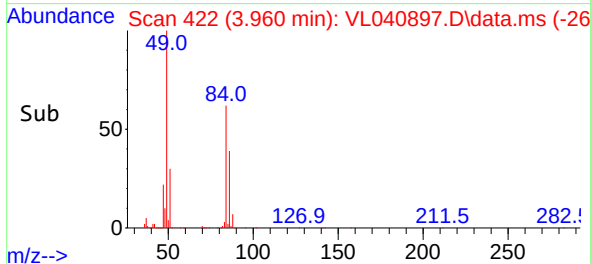
Instrument :
MSVOA_L
ClientSampleId :
VP-2



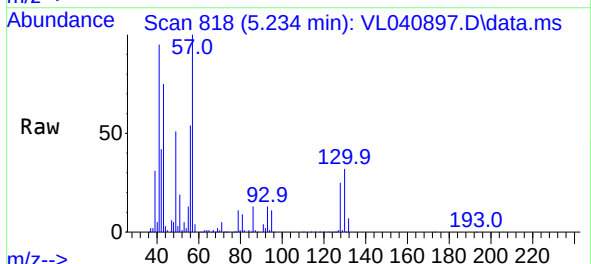
Tgt Ion: 84 Resp: 620508
Ion Ratio Lower Upper
84 100
49 162.1 131.0 196.4
51 48.5 36.9 55.3
86 63.1 51.2 76.8

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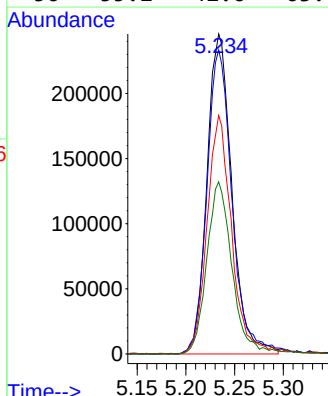
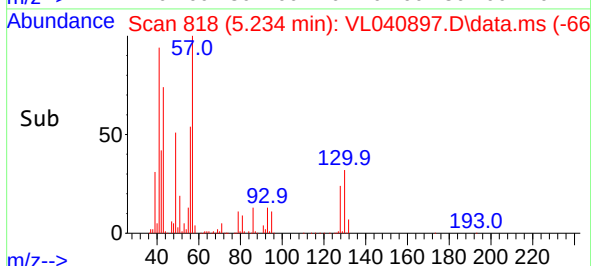
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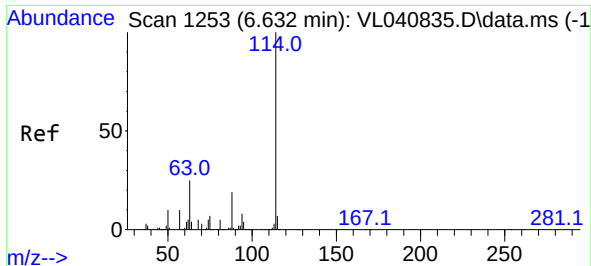


#26
Hexane
Concen: 4.912 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24



Tgt Ion: 57 Resp: 434420
Ion Ratio Lower Upper
57 100
41 97.7 75.4 113.0
43 74.2 185.9 278.9#
56 55.2 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040897.D

Acq: 17 Nov 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

VP-2

Tgt Ion:114 Resp: 214516

Ion Ratio Lower Upper

114 100

63 26.8 20.9 31.3

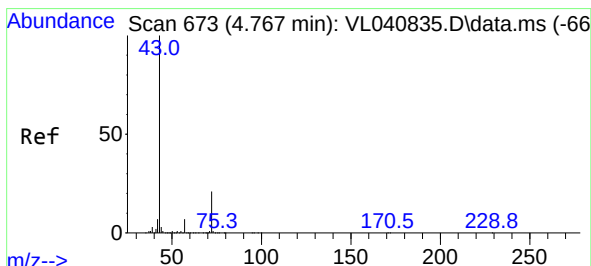
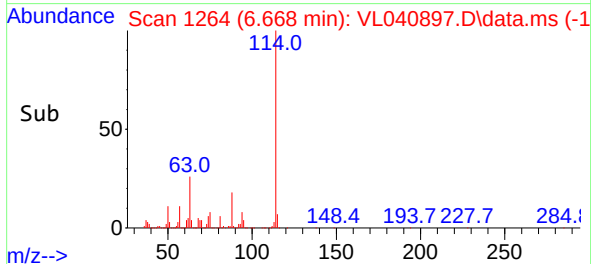
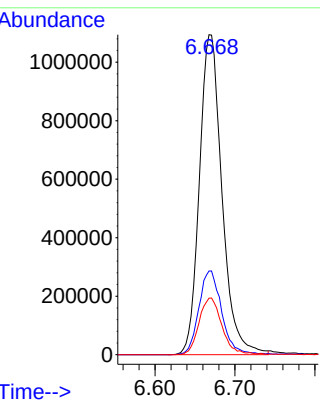
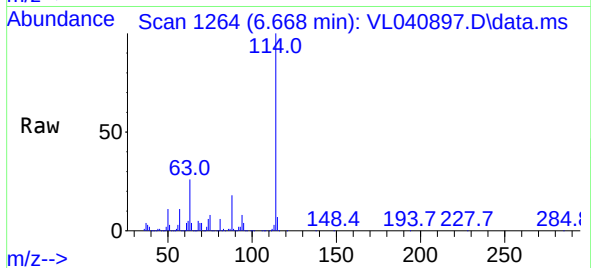
88 18.1 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

2-Butanone

Concen: 0.390 ppbv m

RT: 4.822 min Scan# 690

Delta R.T. 0.016 min

Lab File: VL040897.D

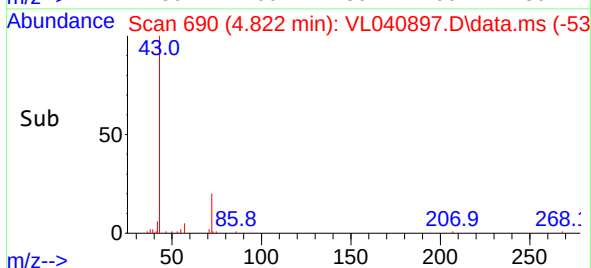
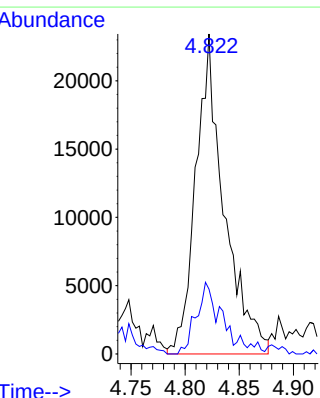
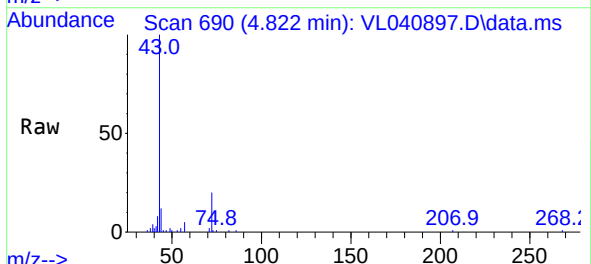
Acq: 17 Nov 2023 16:24

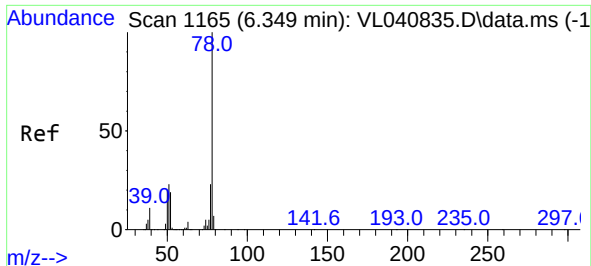
Tgt Ion: 43 Resp: 42624

Ion Ratio Lower Upper

43 100

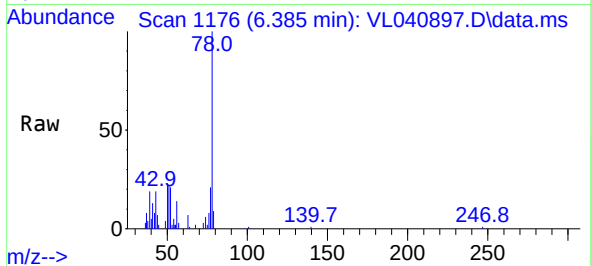
72 19.9 17.2 25.8





#36
Benzene
Concen: 0.175 ppbv m
RT: 6.385 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

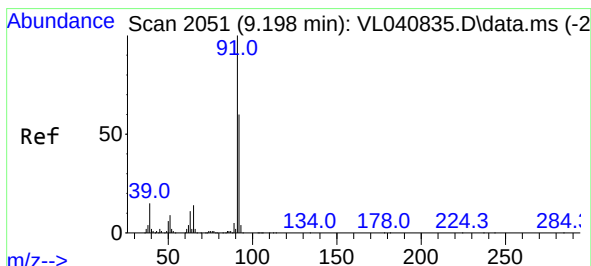
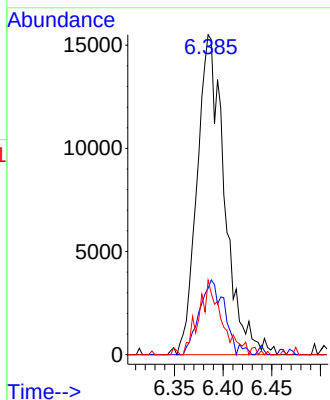
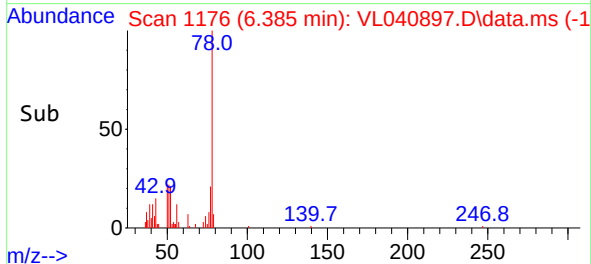
Instrument :
MSVOA_L
ClientSampleId :
VP-2



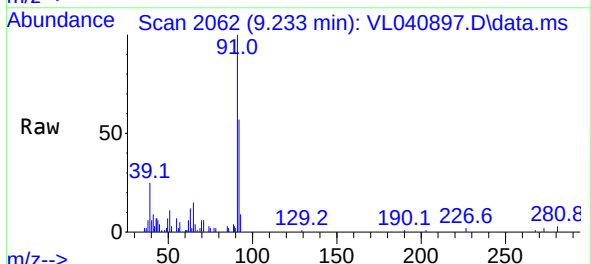
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Ion Ratio Lower Upper
78 100
77 20.8 18.4 27.6
50 23.3 16.2 24.2

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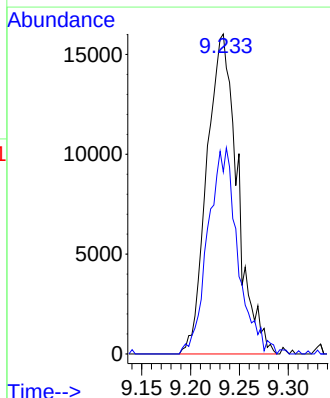
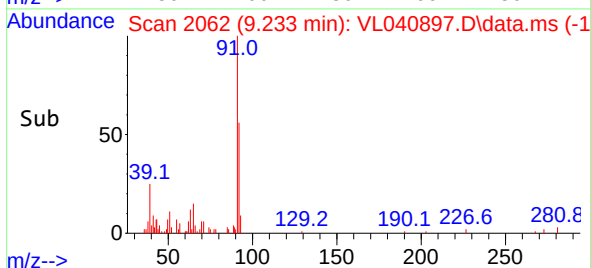
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Supervised By :Mahesh Dadoda 11/21/2023

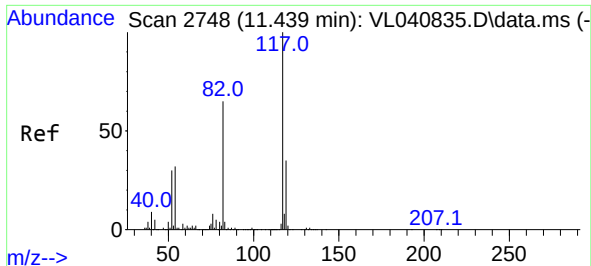


#53
Toluene
Concen: 0.182 ppbv m
RT: 9.233 min Scan# 2062
Delta R.T. 0.010 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24



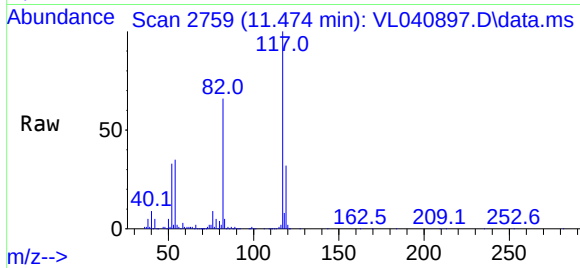
Tgt Ion: 91 Resp: 34933
Ion Ratio Lower Upper
91 100
92 63.5 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24

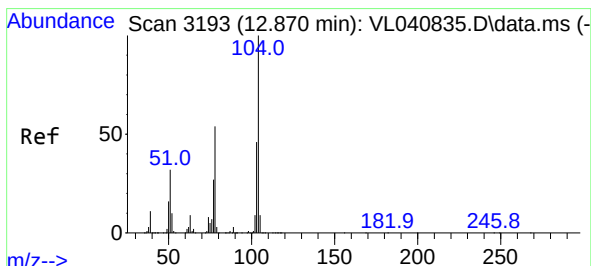
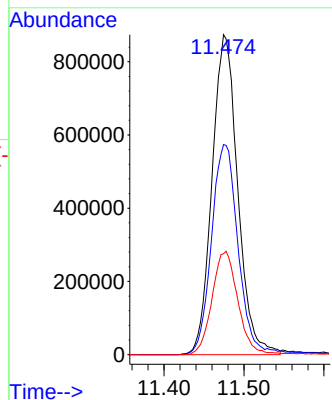
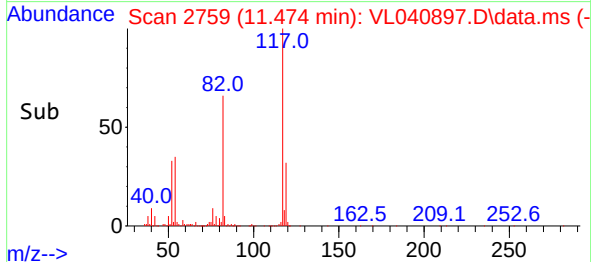
Instrument :
MSVOA_L
ClientSampleId :
VP-2



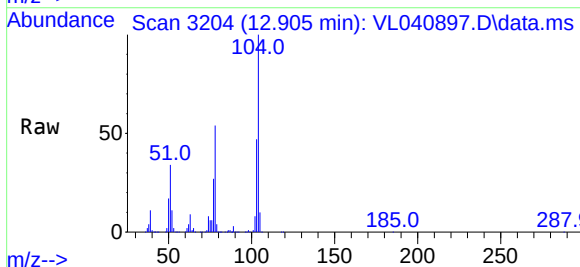
Tgt Ion:117 Resp: 1949062
Ion Ratio Lower Upper
117 100
82 69.4 50.6 75.8
119 32.8 23.3 34.9

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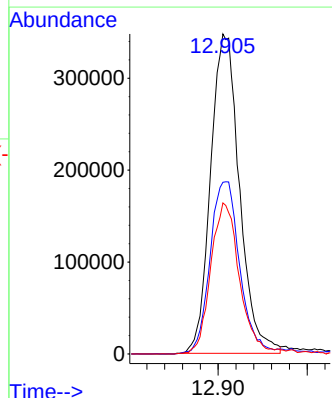
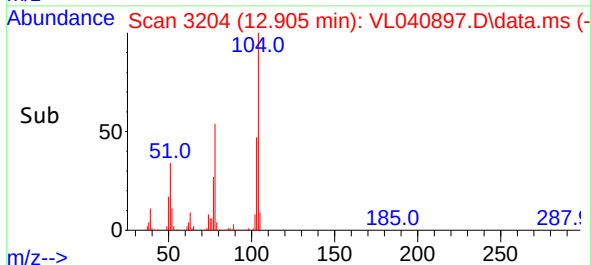
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

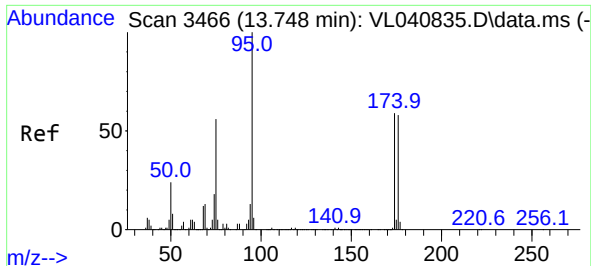


#61
Styrene
Concen: 7.881 ppbv
RT: 12.905 min Scan# 3204
Delta R.T. 0.013 min
Lab File: VL040897.D
Acq: 17 Nov 2023 16:24



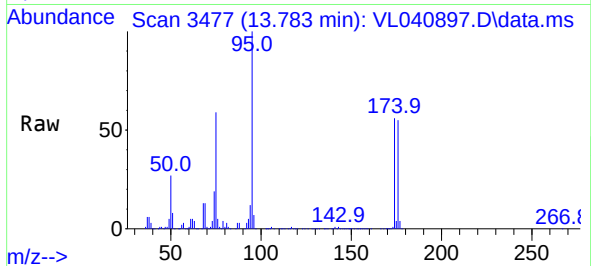
Tgt Ion:104 Resp: 783558
Ion Ratio Lower Upper
104 100
78 57.3 43.3 64.9
103 48.1 37.6 56.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.655 ppbv
 RT: 13.783 min Scan# 3466
 Delta R.T. 0.013 min
 Lab File: VL040897.D
 Acq: 17 Nov 2023 16:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2



Tgt Ion: 95 Resp: 1625860

Ion	Ratio	Lower	Upper
95	100		
174	58.9	47.5	71.3
175	4.3	3.6	5.4

Manual Integrations
 APPROVED

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

