

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040950.D
 Acq On : 22 Dec 2023 3:58
 Operator : SY/MD
 Sample : 05848-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 04:34:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 21 07:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1176496	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3148862	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2702894	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1951456	9.802	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
9) Propene	2.742	41	16003	0.274	ppbv #	77
10) Heptane	7.565	43	16144m	0.111	ppbv	
13) Ethanol	3.295	45	4169m	0.283	ppbv	
15) Acetone	3.510	43	94890	0.672	ppbv	94
20) Methylene Chloride	3.947	84	10914	0.217	ppbv	91
25) Ethyl Acetate	5.211	43	30912m	0.126	ppbv	
26) Hexane	5.217	57	45626	0.421	ppbv #	38
34) 2-Butanone	4.816	43	35428m	0.213	ppbv	
52) Tetrachloroethene	10.593	164	13309m	0.161	ppbv	

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

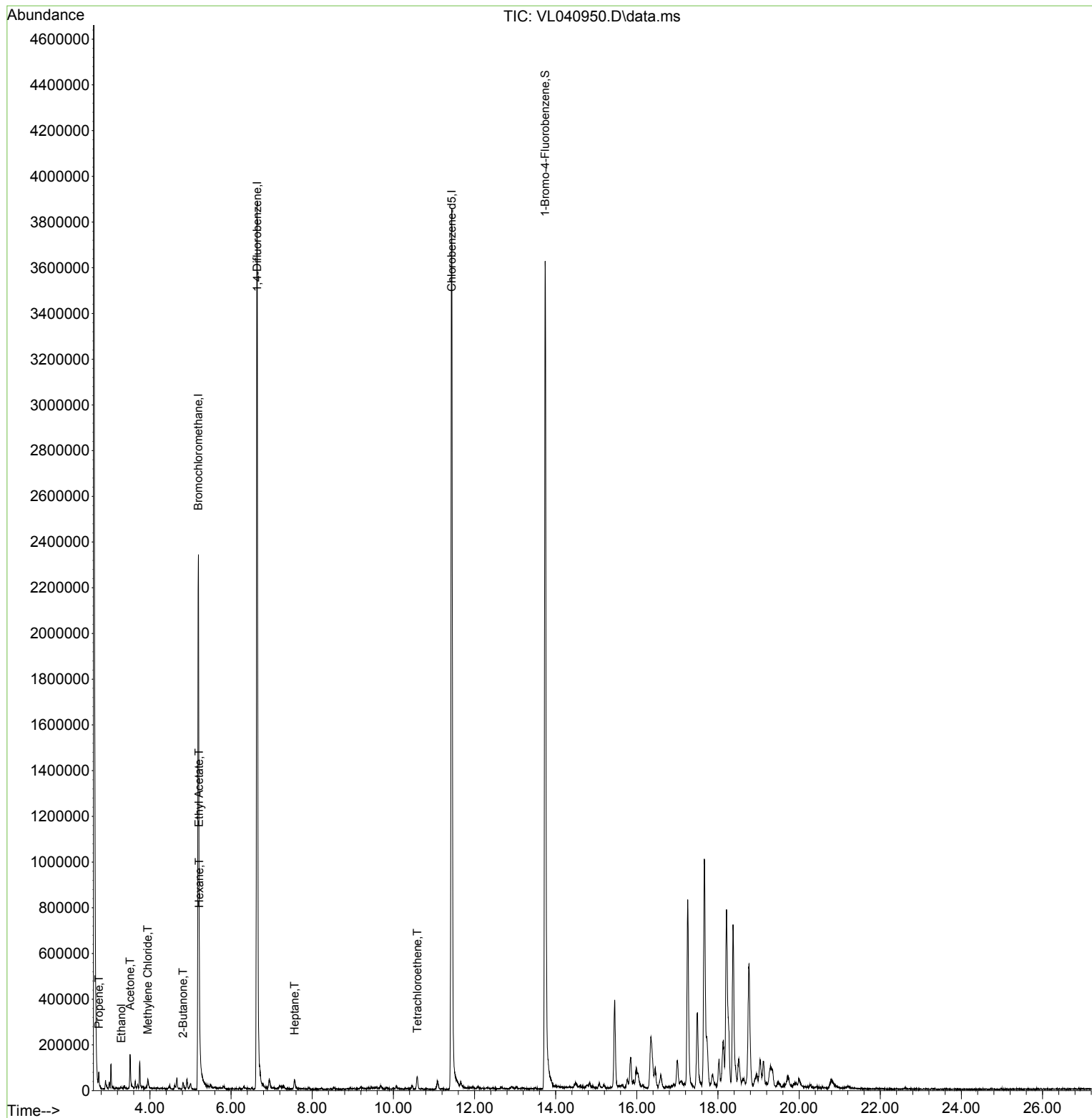
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
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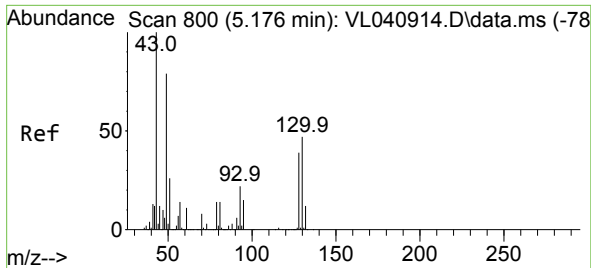
Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Quant Time: Dec 22 04:34:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration

Manual Integrations
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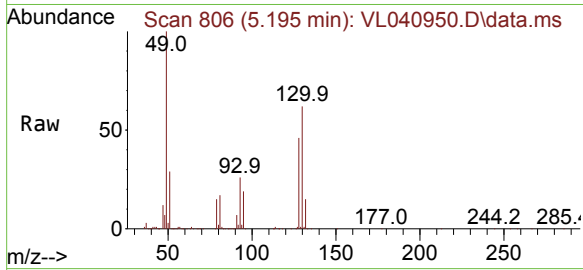
Reviewed By : Semsettin Yesilyurt 12/22/2023
Supervised By : Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.019 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

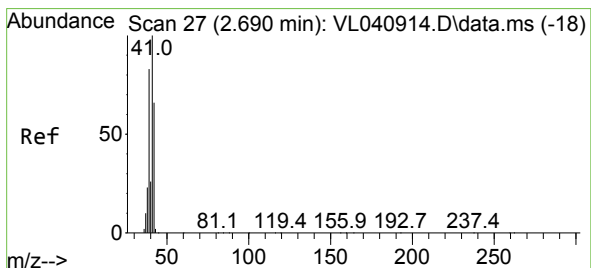
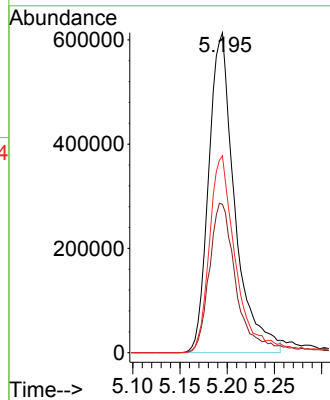
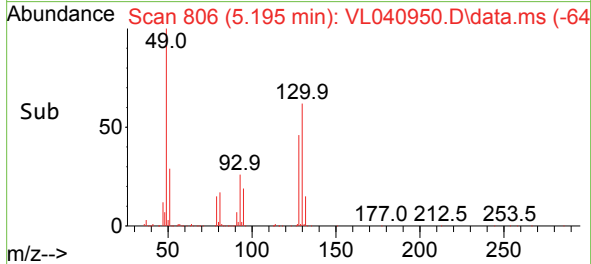
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion: 49 Resp: 1176490
Ion Ratio Lower Upper
49 100
128 50.5 23.8 71.2
130 65.5 30.1 90.5

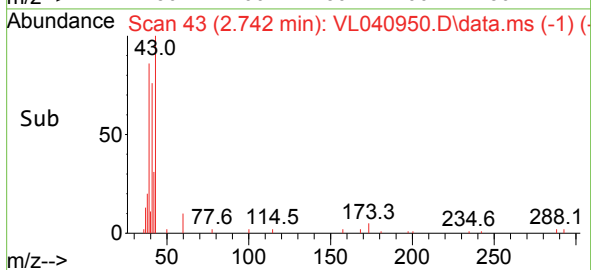
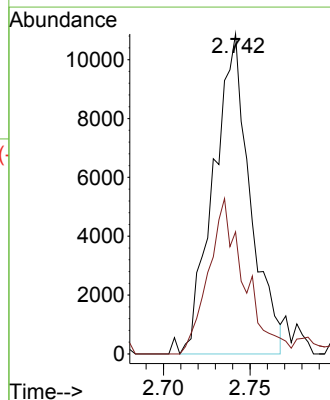
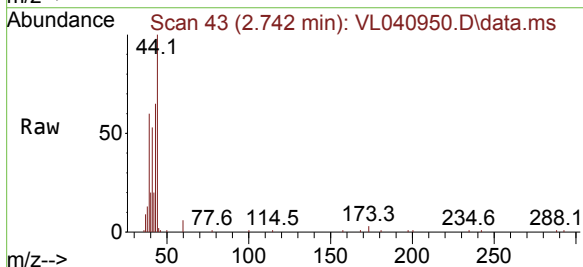
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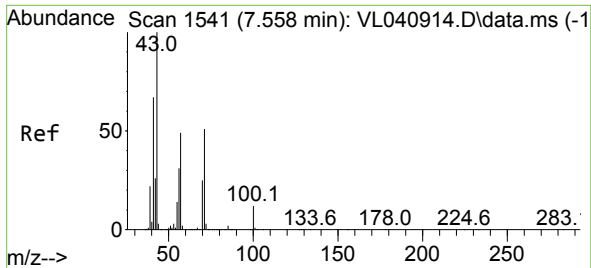
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#9
Propene
Concen: 0.274 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.051 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

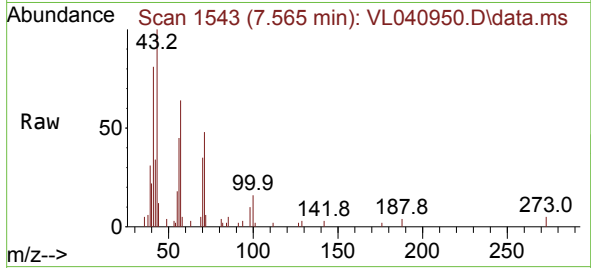
Tgt Ion: 41 Resp: 16003
Ion Ratio Lower Upper
41 100
42 50.7 55.8 83.6#





#10
Heptane
Concen: 0.111 ppbv m
RT: 7.565 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

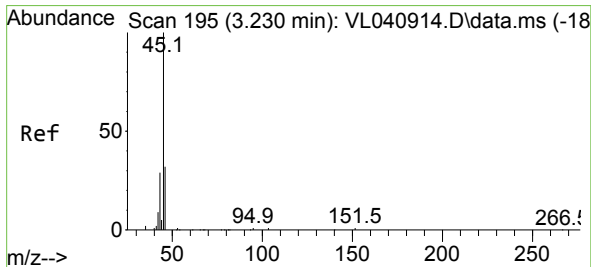
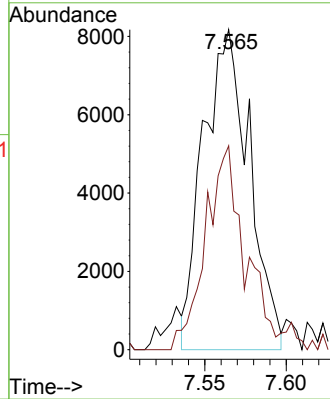
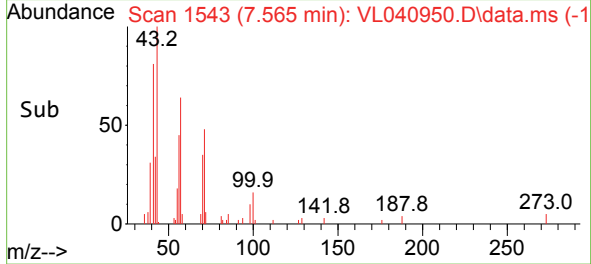
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
57 0.0 39.3 58.9

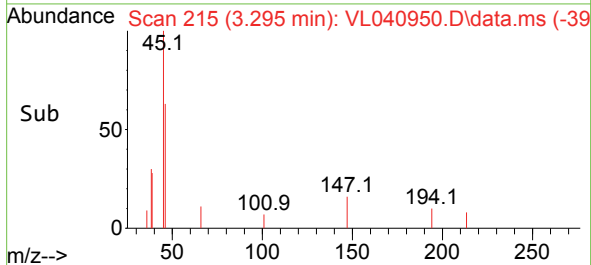
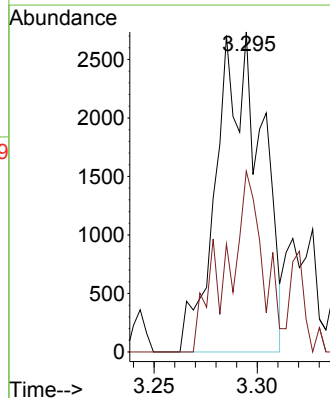
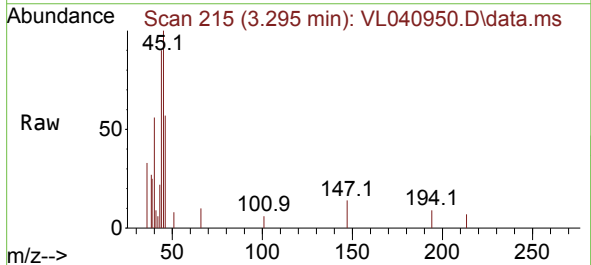
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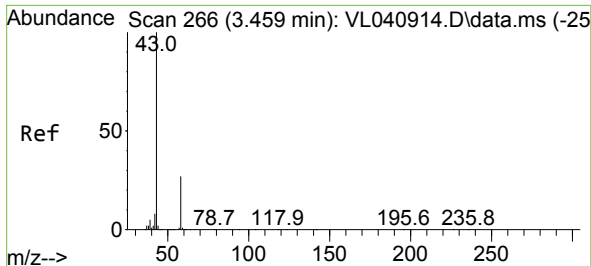
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#13
Ethanol
Concen: 0.283 ppbv m
RT: 3.295 min Scan# 215
Delta R.T. 0.064 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

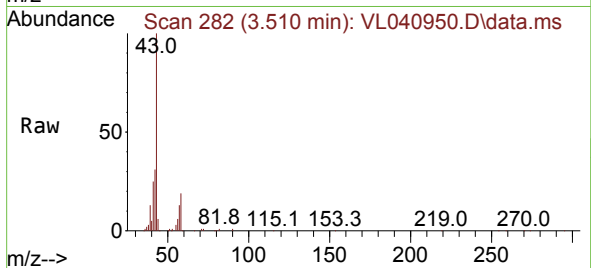
Tgt Ion: 45 Resp: 4169
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0





#15
Acetone
Concen: 0.672 ppbv
RT: 3.510 min Scan# 21
Delta R.T. 0.051 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

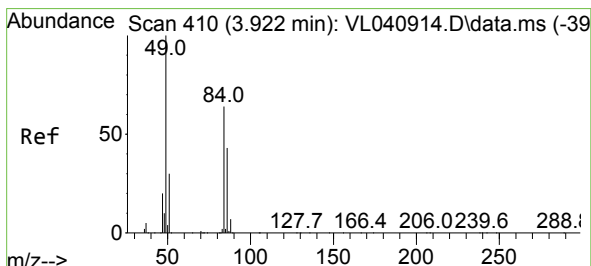
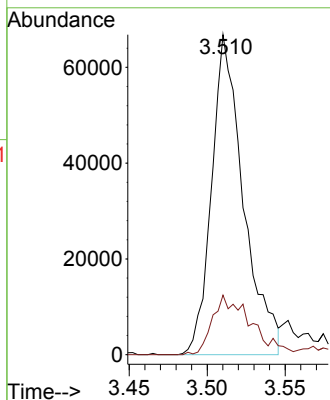
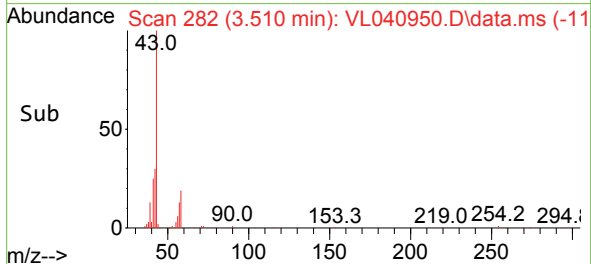
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



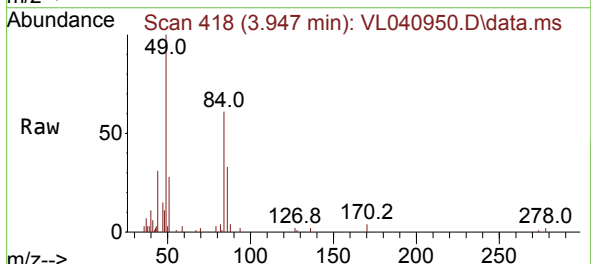
Tgt Ion: 43 Resp: 94890
Ion Ratio Lower Upper
43 100
58 22.6 20.6 30.8

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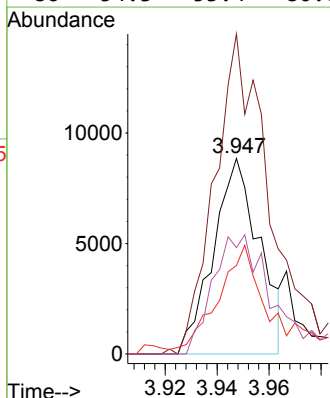
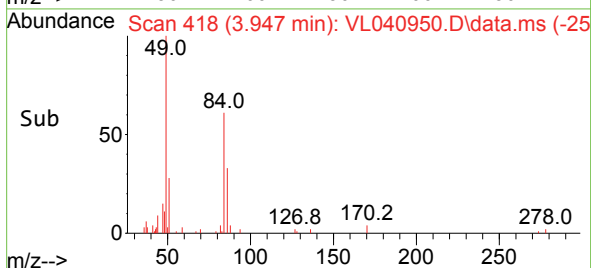
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

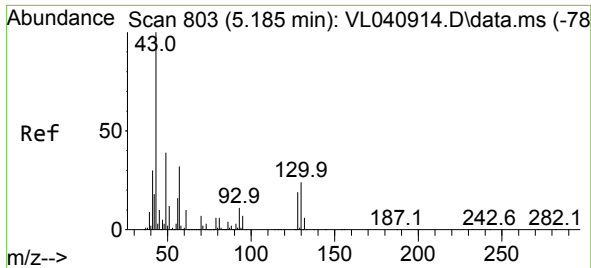


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.026 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58



Tgt Ion: 84 Resp: 10914
Ion Ratio Lower Upper
84 100
49 163.6 124.6 187.0
51 41.9 37.2 55.8
86 54.3 53.4 80.0





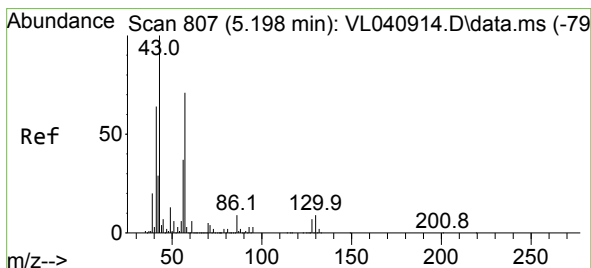
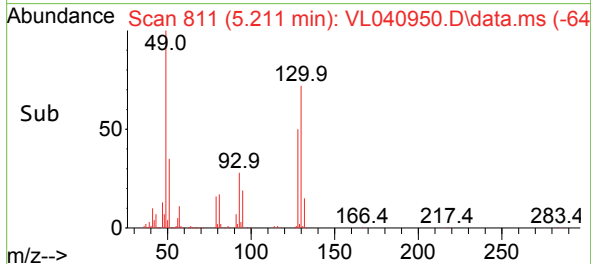
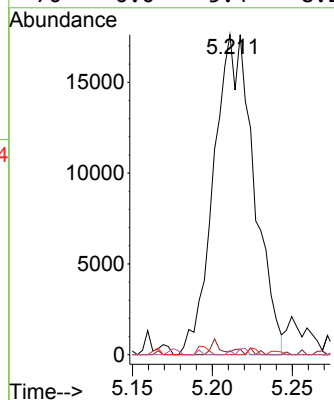
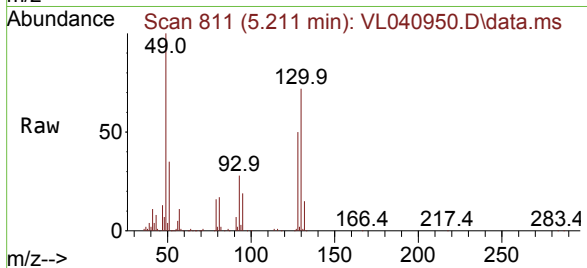
#25
Ethyl Acetate
Concen: 0.126 ppbv m
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 43 Resp: 30912
Ion Ratio Lower Upper
43 100
45 1.8 8.2 12.2
61 0.7 7.6 11.4
70 0.0 5.4 8.2#

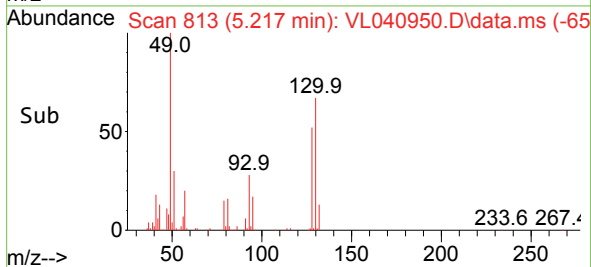
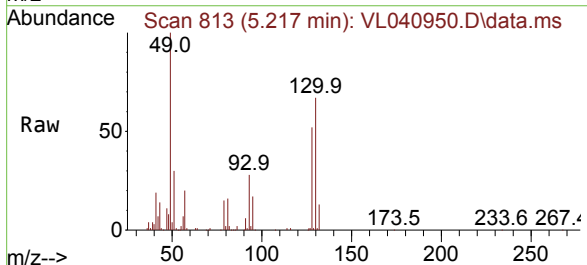
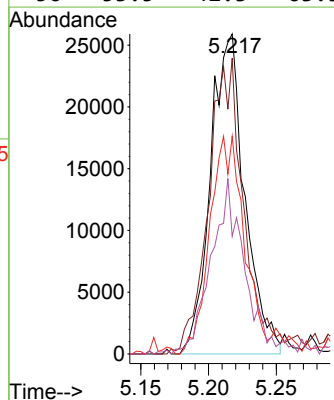
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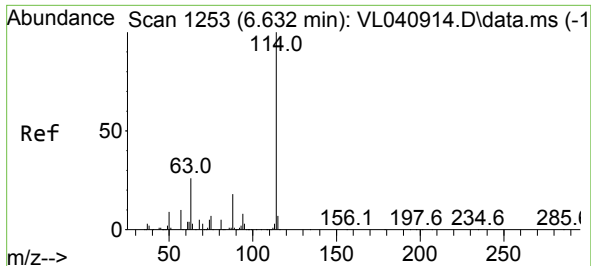
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#26
Hexane
Concen: 0.421 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.019 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion: 57 Resp: 45626
Ion Ratio Lower Upper
57 100
41 101.5 75.2 112.8
43 72.4 188.0 282.0#
56 53.5 42.3 63.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040950.D

Acq: 22 Dec 2023 3:58

Instrument :

MSVOA_L

ClientSampleId :

SV5DL

Tgt Ion:114 Resp: 314886

Ion Ratio Lower Upper

114 100

63 24.5 21.0 31.6

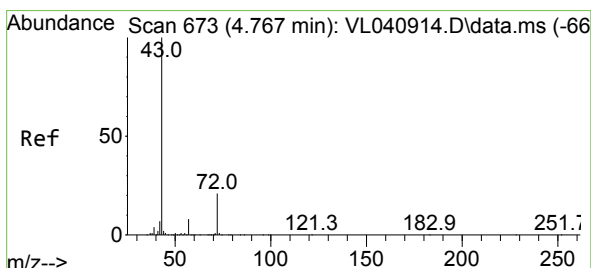
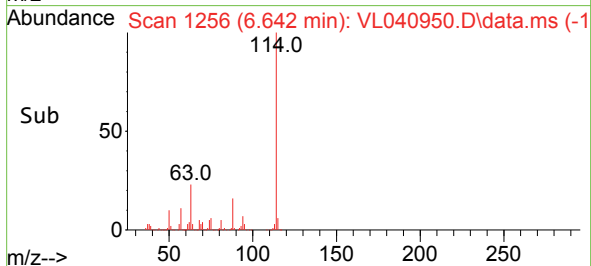
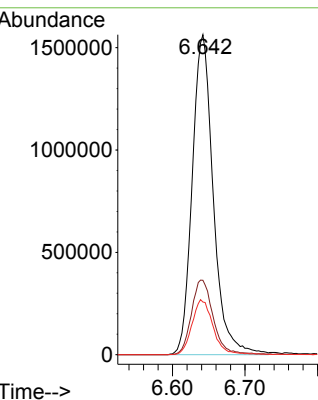
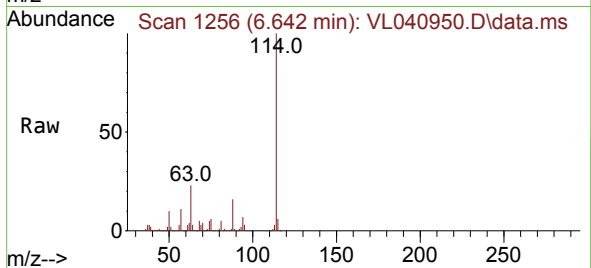
88 17.4 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/22/2023

Supervised By :Mahesh Dadoda 12/26/2023



#34

2-Butanone

Concen: 0.213 ppbv m

RT: 4.816 min Scan# 688

Delta R.T. 0.048 min

Lab File: VL040950.D

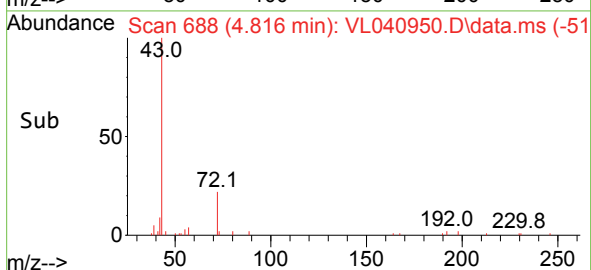
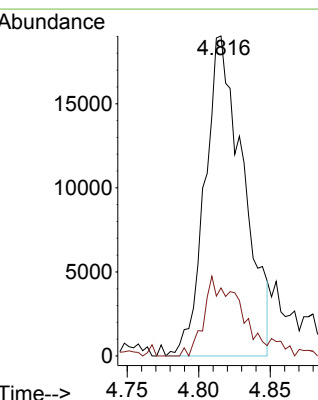
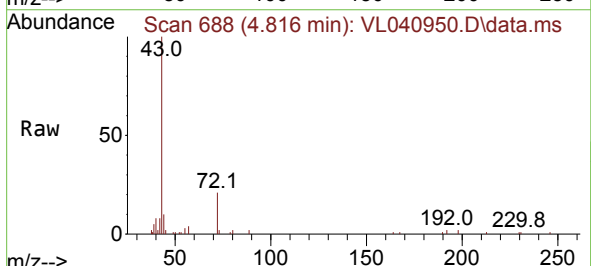
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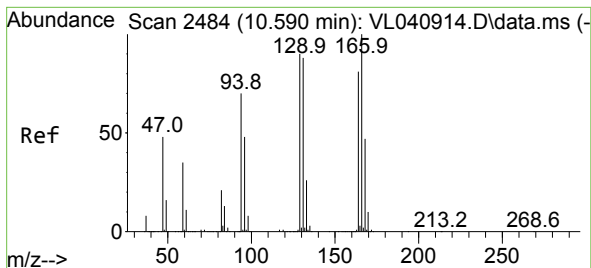
Tgt Ion: 43 Resp: 35428

Ion Ratio Lower Upper

43 100

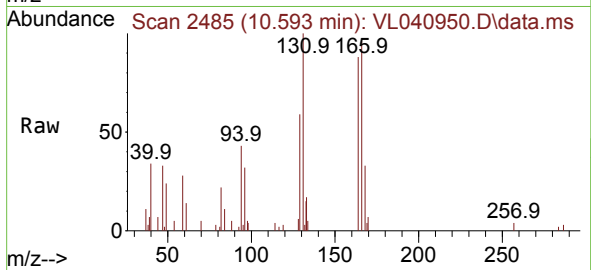
72 2.4 17.2 25.8#





#52
Tetrachloroethene
Concen: 0.161 ppbv m
RT: 10.593 min Scan# 2484
Delta R.T. 0.003 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

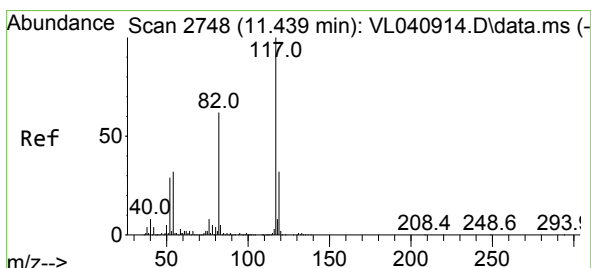
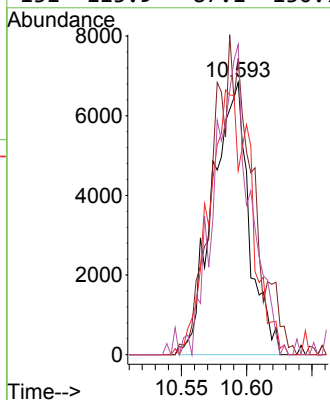
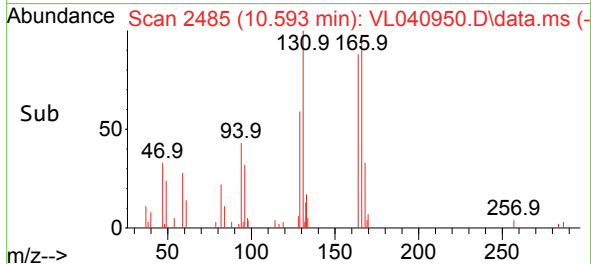
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



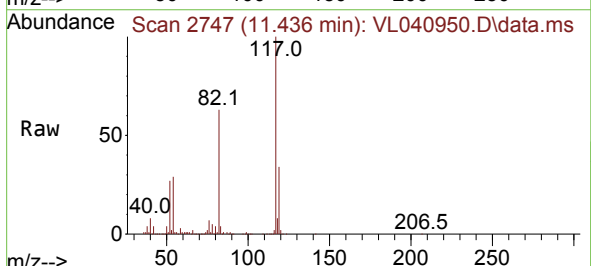
Tgt Ion:164 Resp: 13309
Ion Ratio Lower Upper
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166 108.8 98.9 148.3
129 67.5 88.7 133.1
131 113.9 87.1 130.7

Manual Integrations
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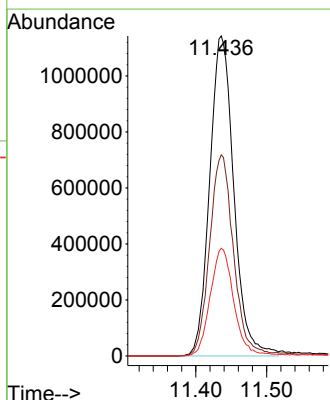
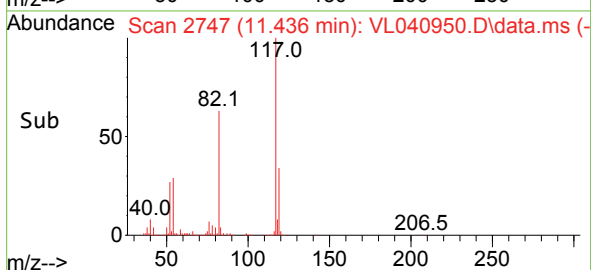
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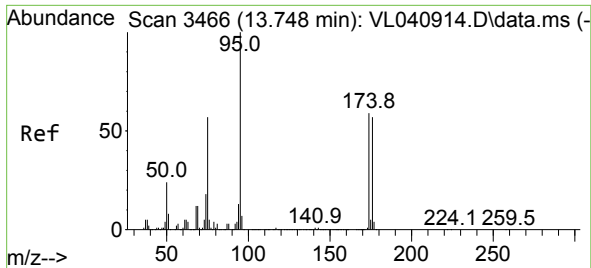


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.003 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58



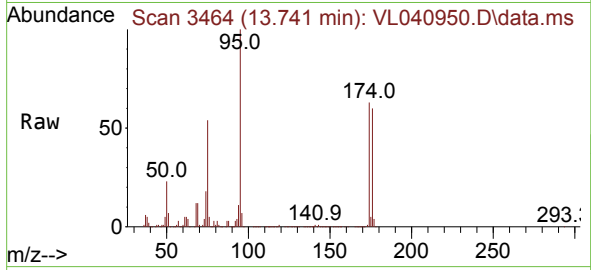
Tgt Ion:117 Resp: 2702894
Ion Ratio Lower Upper
117 100
82 63.5 49.6 74.4
119 33.1 23.4 35.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.802 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: VL040950.D
 Acq: 22 Dec 2023 3:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL



Tgt Ion: 95 Resp: 1951450

Ion	Ratio	Lower	Upper
95	100		
174	64.4	48.0	72.0
175	4.9	3.7	5.5

Manual Integrations
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