

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040389.D
 Acq On : 19 Apr 2023 21:06
 Operator : SY/MD
 Sample : 02368-05 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1005850	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2729808	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.458	117	2437759	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1929875	9.573	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.710	85	11238	0.062	ppbv	88
9) Propene	2.687	41	9467	0.182	ppbv	84
13) Ethanol	3.237	45	52733	12.165	ppbv	96
15) Acetone	3.459	43	331758	2.329	ppbv	92
20) Methylene Chloride	3.915	84	15448	0.272	ppbv	98
29) Chloroform	5.259	83	10037m	0.056	ppbv	
34) 2-Butanone	4.787	43	37347m	0.254	ppbv	
52) Tetrachloroethene	10.600	164	6099m	0.088	ppbv	

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

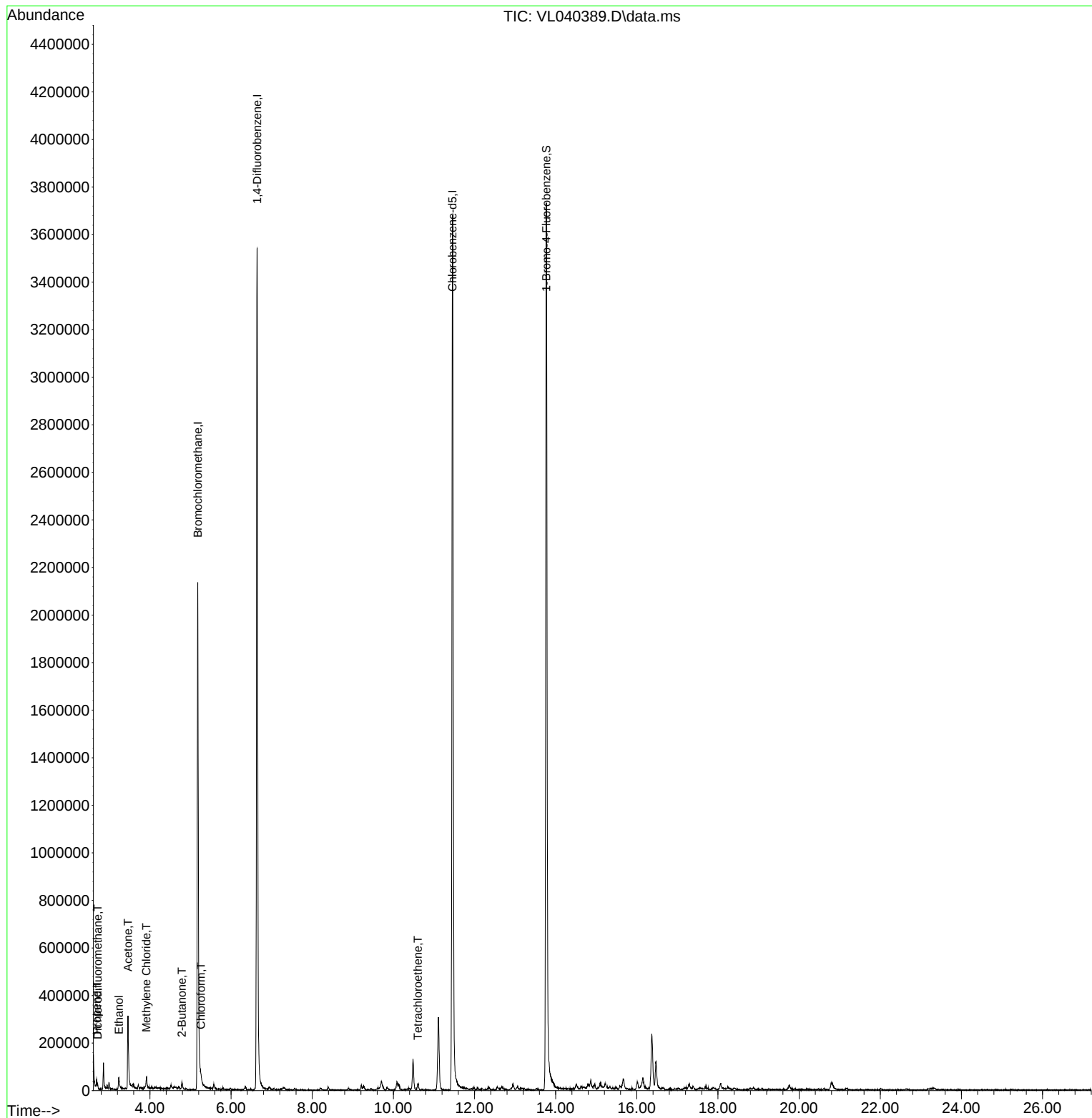
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
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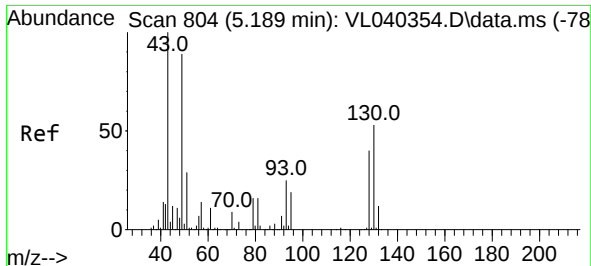
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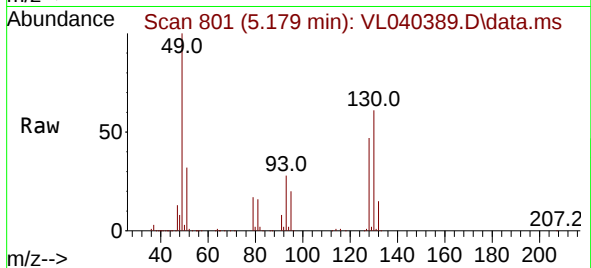
Quant Time: Apr 20 05:14:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

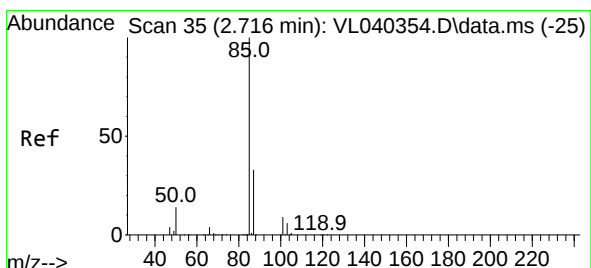
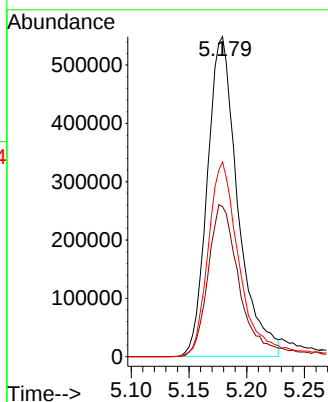
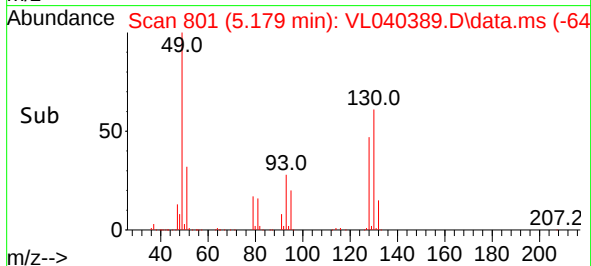
Instrument :
MSVOA_L
ClientSampleId :
VP-1A



Tgt Ion: 49 Resp: 1005850
Ion Ratio Lower Upper
49 100
128 51.7 23.7 71.1
130 64.9 29.9 89.8

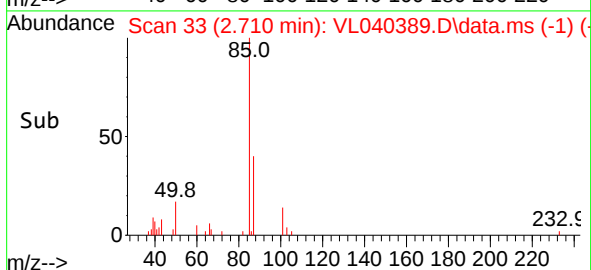
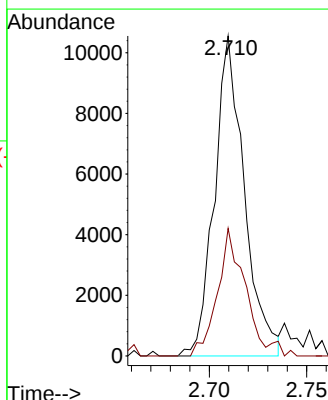
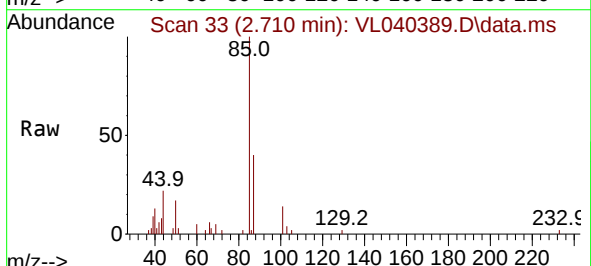
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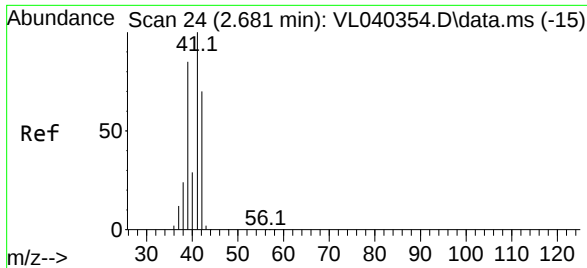
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 0.062 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.006 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

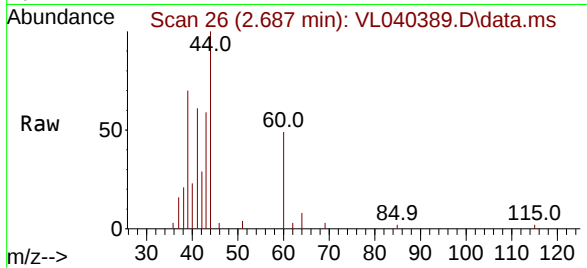
Tgt Ion: 85 Resp: 11238
Ion Ratio Lower Upper
85 100
87 39.8 26.6 40.0





#9
Propene
Concen: 0.182 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

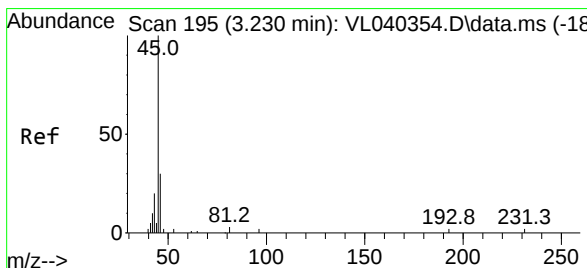
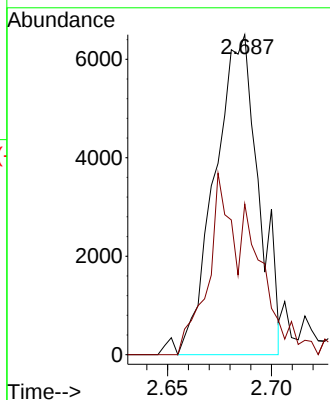
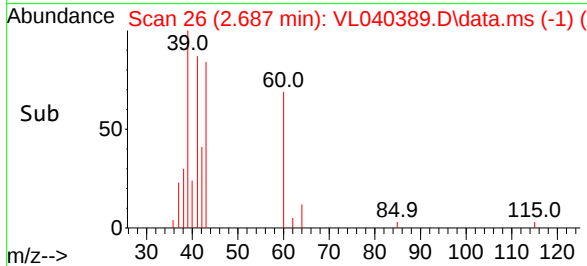
Instrument :
MSVOA_L
ClientSampleId :
VP-1A



Tgt Ion: 41 Resp: 946
Ion Ratio Lower Upper
41 100
42 57.7 56.5 84.7

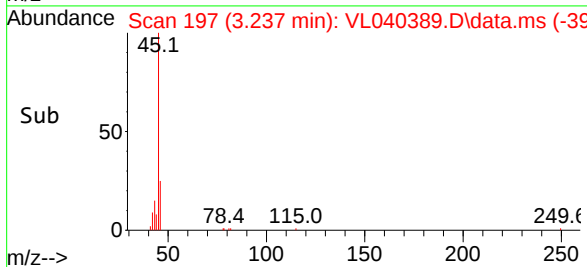
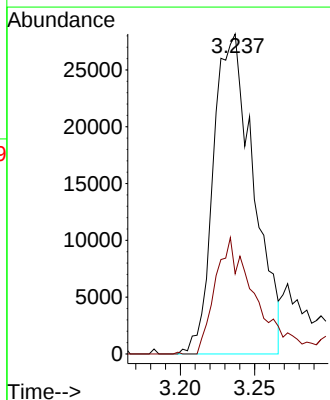
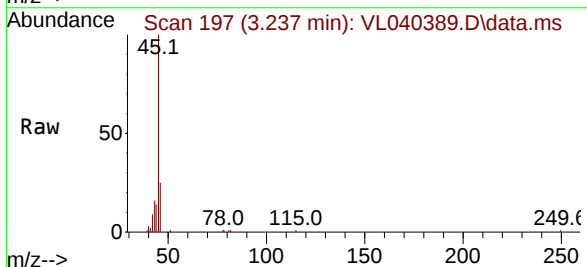
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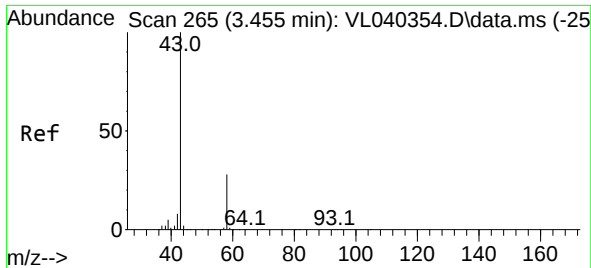
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#13
Ethanol
Concen: 12.165 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.007 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

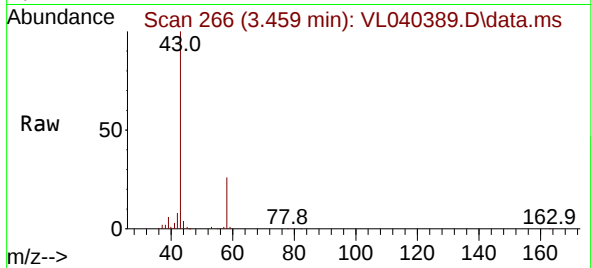
Tgt Ion: 45 Resp: 52733
Ion Ratio Lower Upper
45 100
46 41.0 15.3 61.3





#15
Acetone
Concen: 2.329 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.004 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

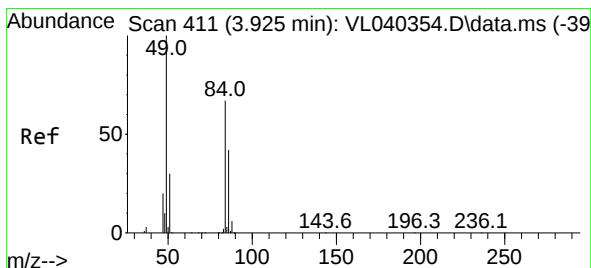
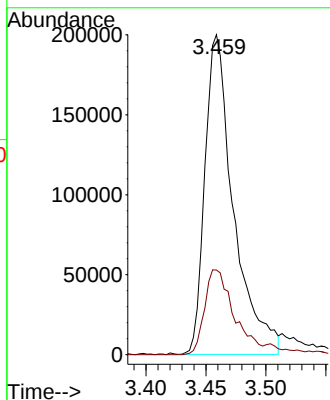
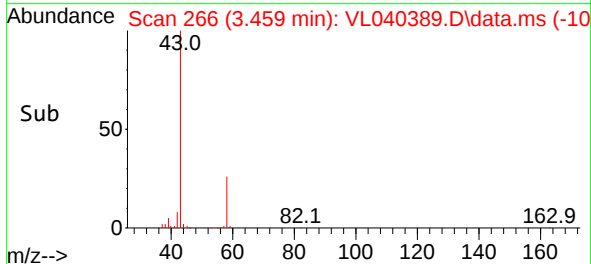
Instrument :
MSVOA_L
ClientSampleId :
VP-1A



Tgt Ion: 43 Resp: 331758
Ion Ratio Lower Upper
43 100
58 31.7 22.2 33.2

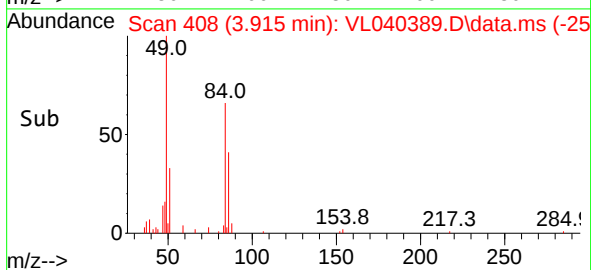
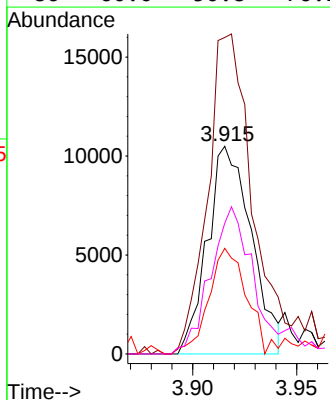
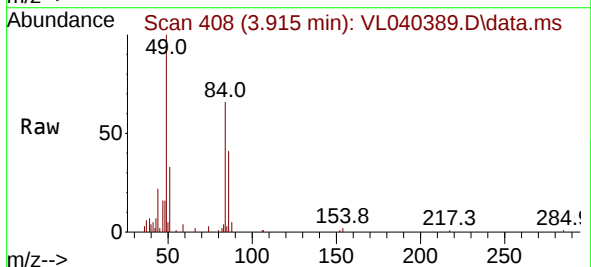
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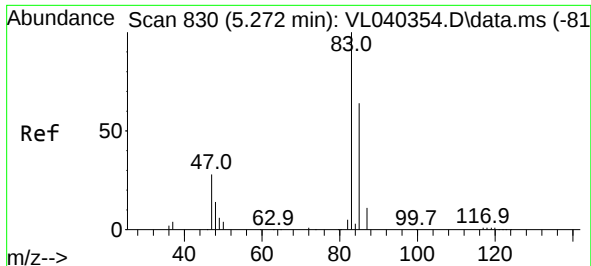
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 0.272 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

Tgt Ion: 84 Resp: 15448
Ion Ratio Lower Upper
84 100
49 150.0 120.1 180.1
51 48.2 36.3 54.5
86 60.0 50.8 76.2





#29

Chloroform

Concen: 0.056 ppbv m

RT: 5.259 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040389.D

Acq: 19 Apr 2023 21:06

Instrument :

MSVOA_L

ClientSampleId :

VP-1A

Tgt Ion: 83 Resp: 1003

Ion Ratio Lower Upper

83 100

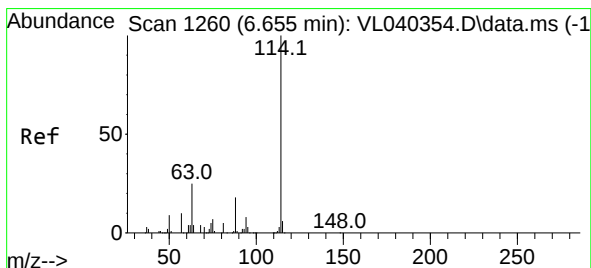
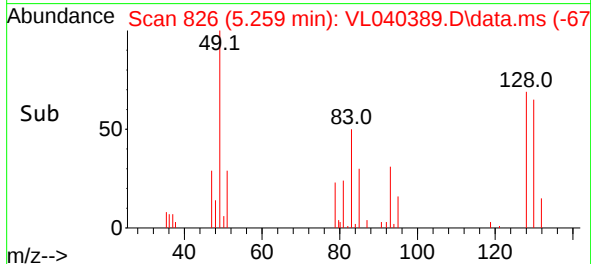
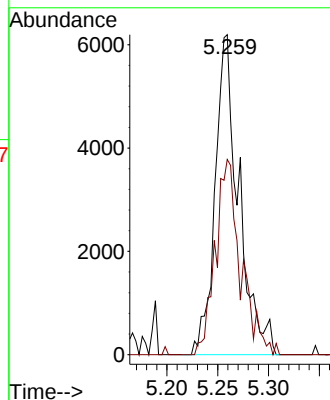
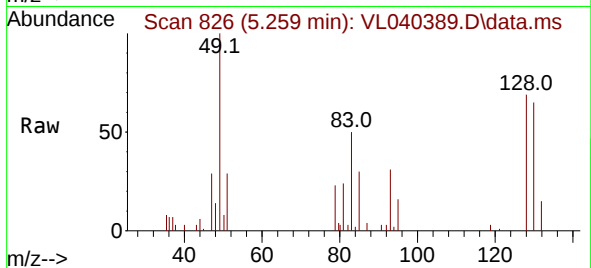
85 61.0 51.0 76.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VL040389.D

Acq: 19 Apr 2023 21:06

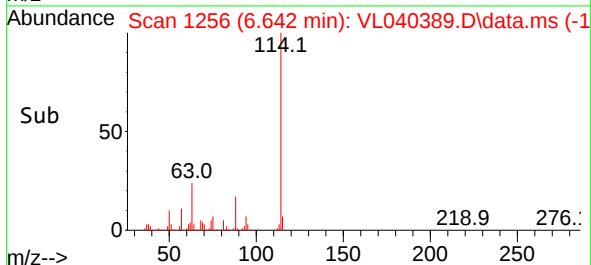
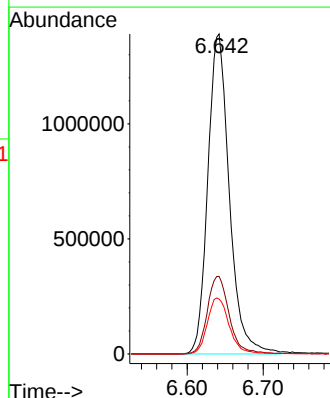
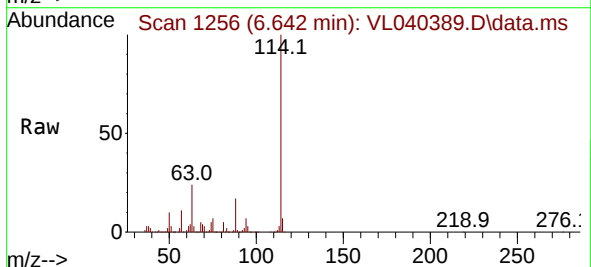
Tgt Ion:114 Resp: 2729808

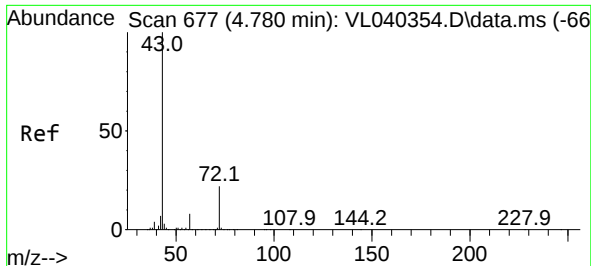
Ion Ratio Lower Upper

114 100

63 24.9 21.4 32.0

88 17.9 14.6 22.0





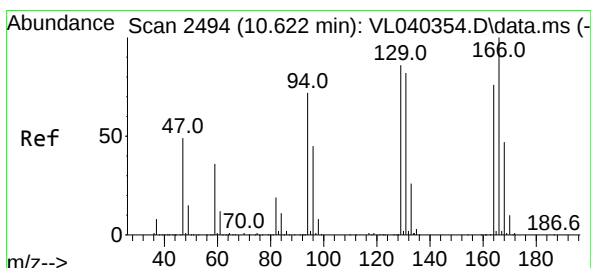
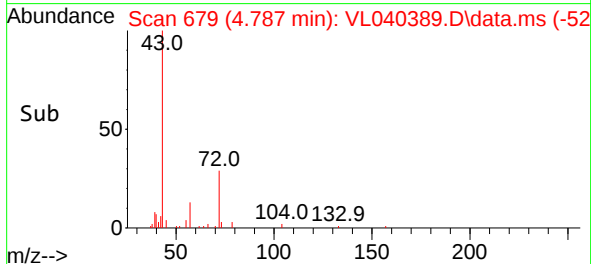
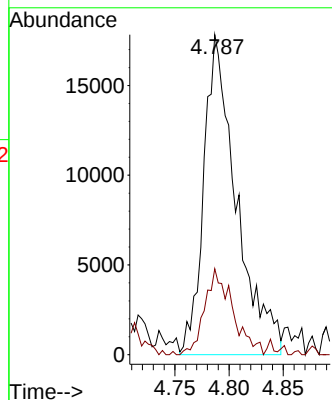
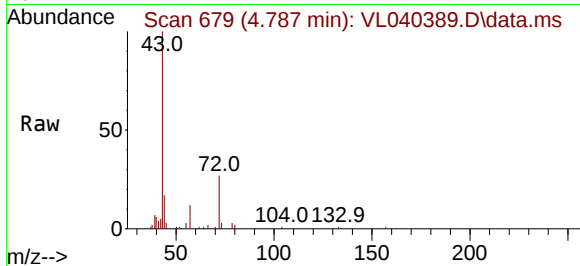
#34
2-Butanone
Concen: 0.254 ppbv m
RT: 4.787 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

Instrument :
MSVOA_L
ClientSampleId :
VP-1A

Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

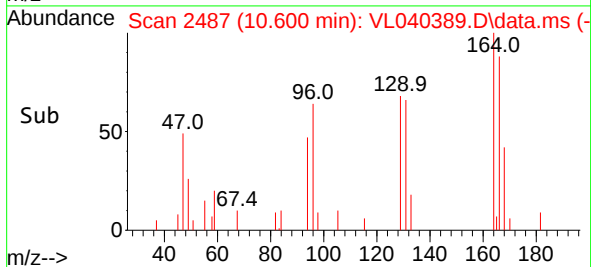
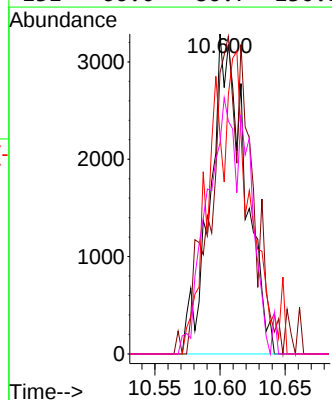
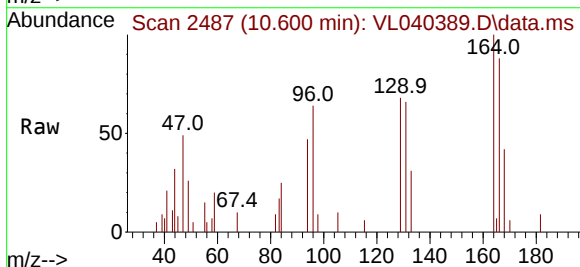
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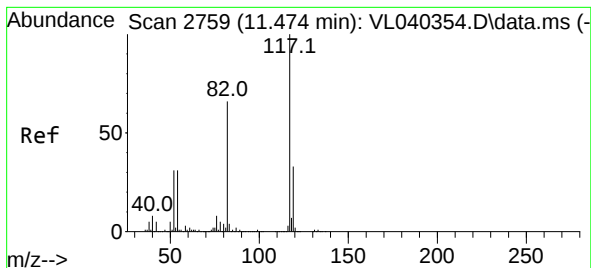
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Tetrachloroethene
Concen: 0.088 ppbv m
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

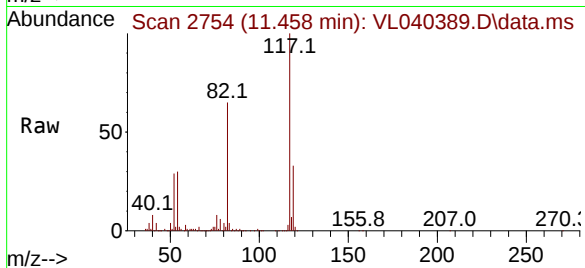
Tgt Ion:164 Resp: 6099
Ion Ratio Lower Upper
164 100
166 87.9 105.2 157.8#
129 68.1 90.3 135.5#
131 66.0 86.7 130.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

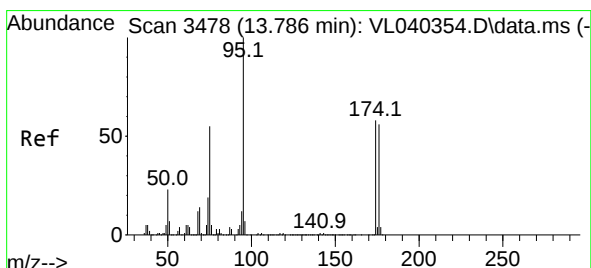
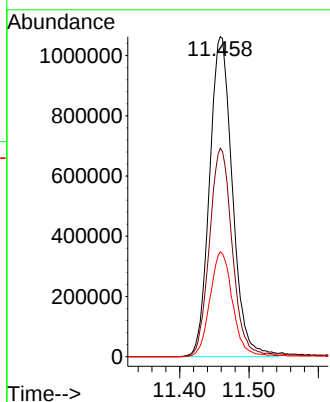
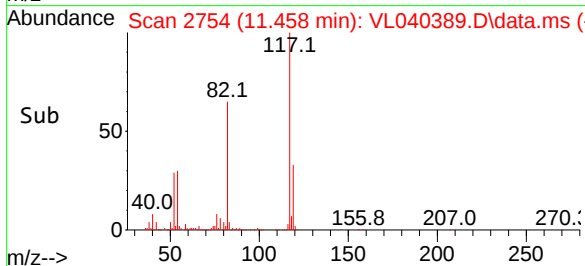
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 117 Resp: 243775
Ion Ratio Lower Upper
117 100
82 66.6 52.5 78.7
119 32.7 24.3 36.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.573 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.016 min
Lab File: VL040389.D
Acq: 19 Apr 2023 21:06

Tgt Ion: 95 Resp: 1929875
Ion Ratio Lower Upper
95 100
174 60.2 47.2 70.8
175 4.4 3.5 5.3

