

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040117.D
 Acq On : 19 Jan 2023 17:32
 Operator : SY/MD
 Sample : 01223-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1082661	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2836881	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2526662	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1979081	9.425	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
9) Propene	2.687	41	1038554	19.249	ppbv	92
10) Heptane	7.587	43	21938m	0.176	ppbv	
13) Ethanol	3.250	45	36369m	7.324	ppbv	
15) Acetone	3.468	43	845249	6.510	ppbv #	89
34) 2-Butanone	4.796	43	320099	2.385	ppbv	98
36) Benzene	6.378	78	172282	0.821	ppbv	95
41) Tetrahydrofuran	5.594	42	33600m	0.434	ppbv	
53) Toluene	9.233	91	99859m	0.446	ppbv	

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

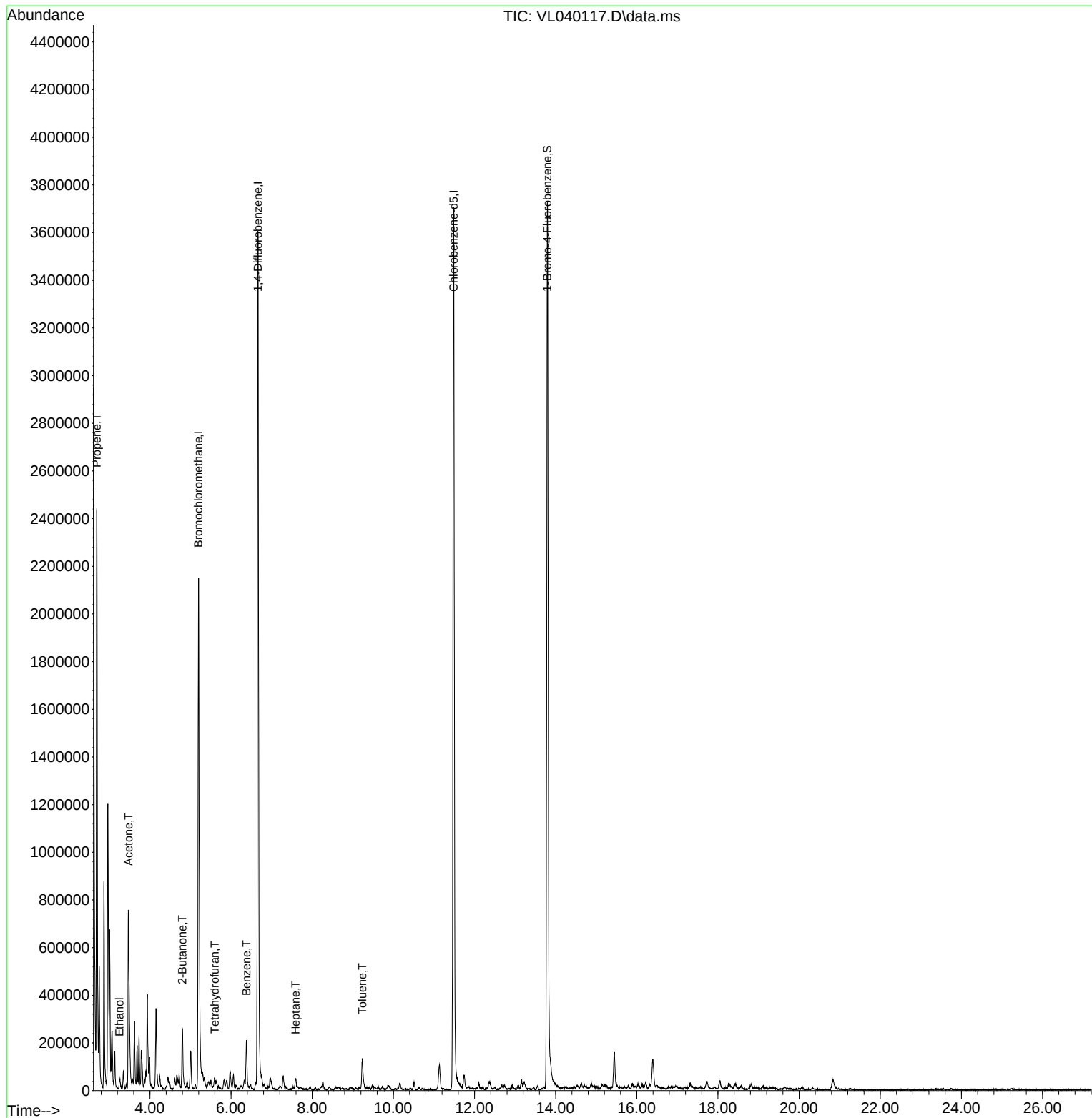
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040117.D
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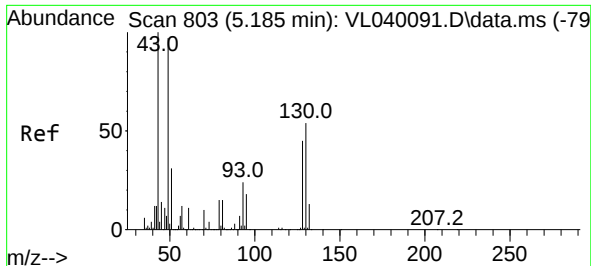
Instrument :
MSVOA_L
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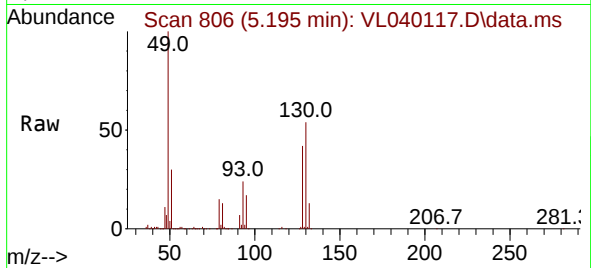
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

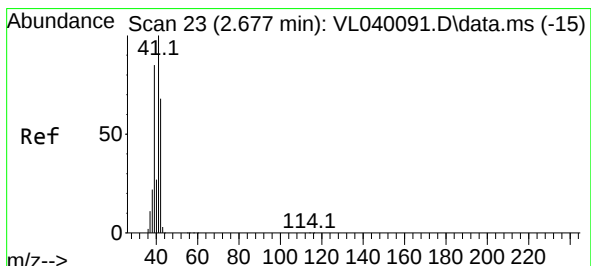
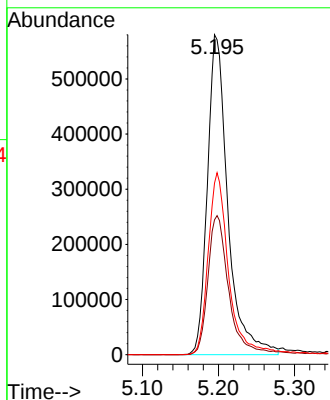
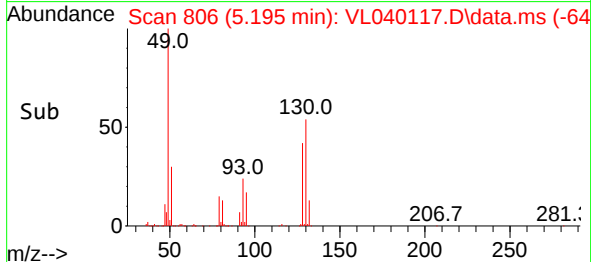
Instrument :
MSVOA_L
ClientSampleId :
VP-3DL



Tgt Ion: 49 Resp: 108266
Ion Ratio Lower Upper
49 100
128 45.7 23.6 71.0
130 57.7 29.8 89.3

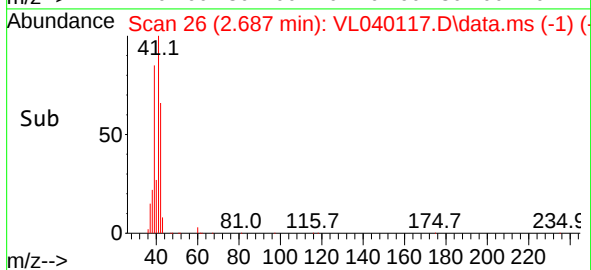
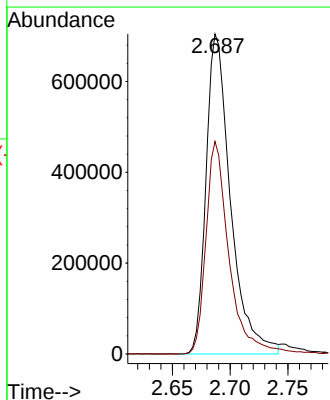
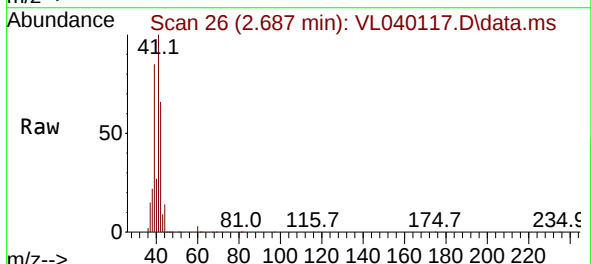
Manual Integrations
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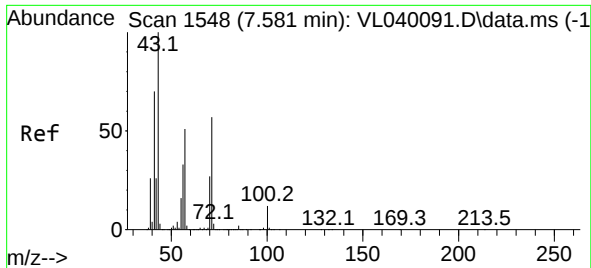
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#9
Propene
Concen: 19.249 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.009 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

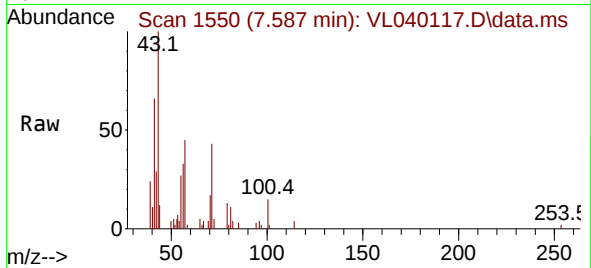
Tgt Ion: 41 Resp: 1038554
Ion Ratio Lower Upper
41 100
42 63.1 55.6 83.4





#10
Heptane
Concen: 0.176 ppbv m
RT: 7.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

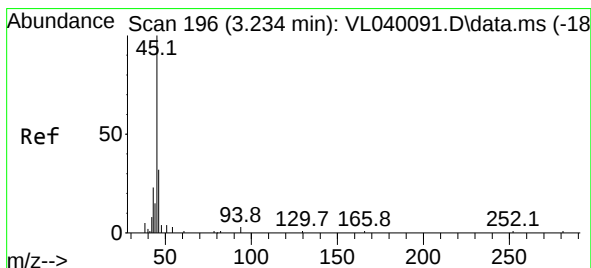
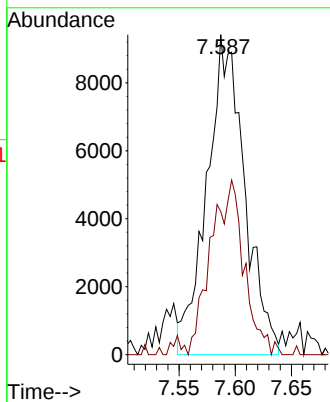
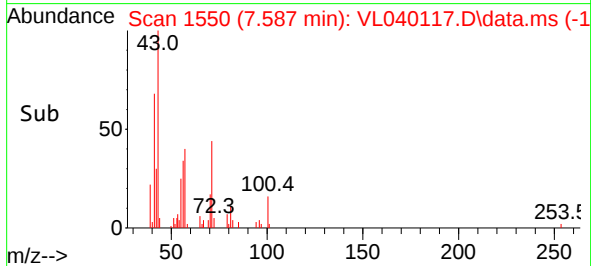
Instrument :
MSVOA_L
ClientSampleId :
VP-3DL



Tgt Ion: 43 Resp: 21938
Ion Ratio Lower Upper
43 100
57 50.0 40.9 61.3

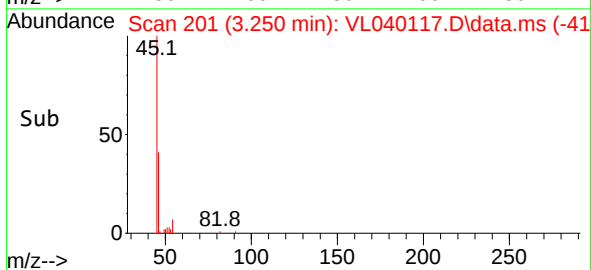
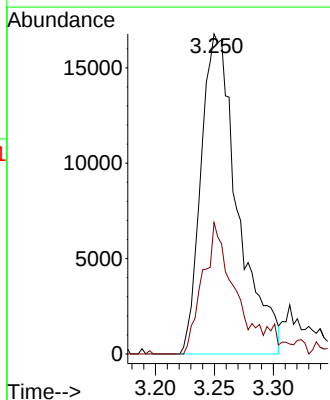
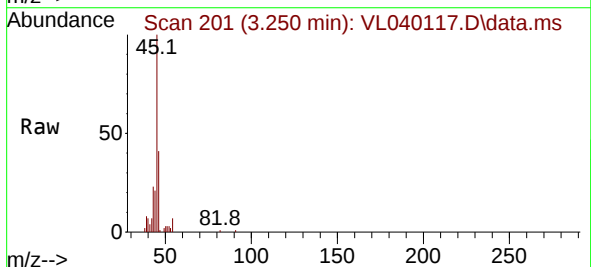
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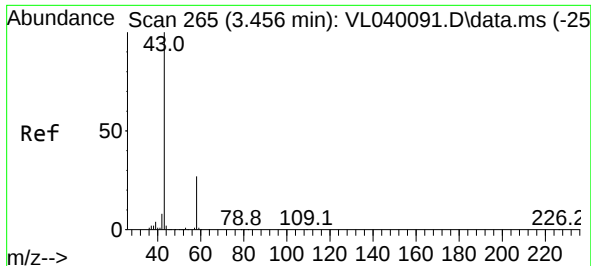
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#13
Ethanol
Concen: 7.324 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.016 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

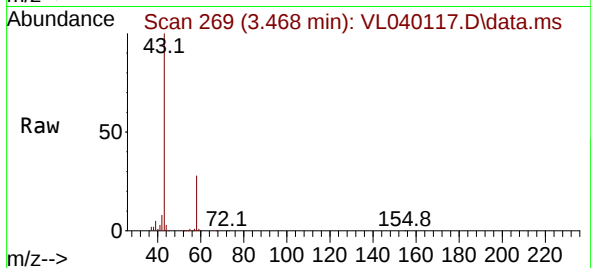
Tgt Ion: 45 Resp: 36369
Ion Ratio Lower Upper
45 100
46 42.2 14.8 59.2





#15
Acetone
Concen: 6.510 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

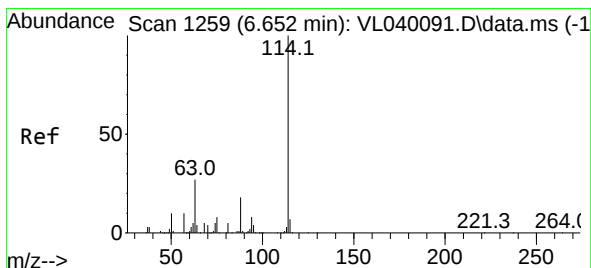
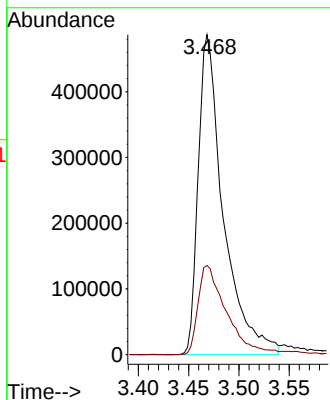
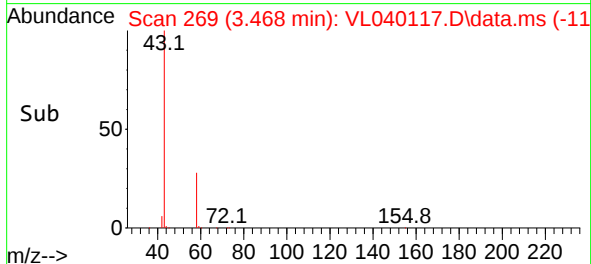
Instrument :
MSVOA_L
ClientSampleId :
VP-3DL



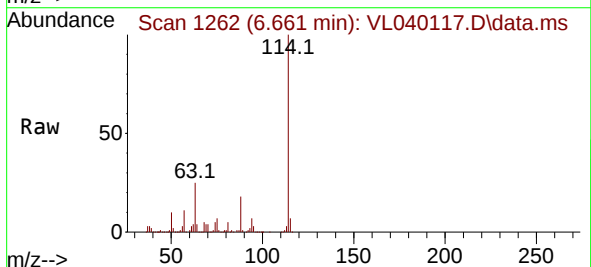
Tgt Ion: 43 Resp: 845249
Ion Ratio Lower Upper
43 100
58 32.9 21.8 32.8

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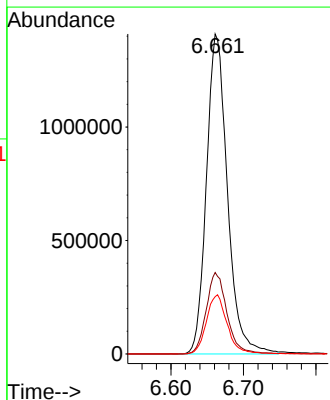
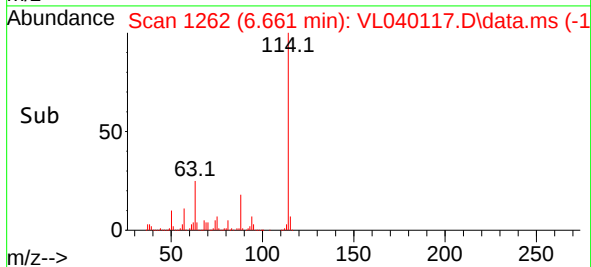
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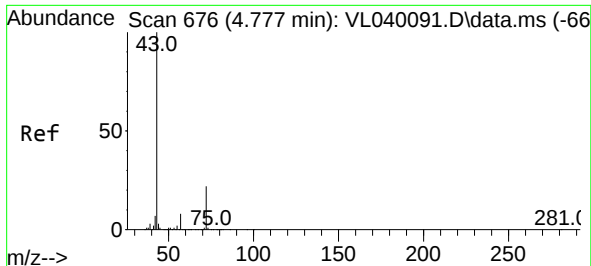


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.009 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32



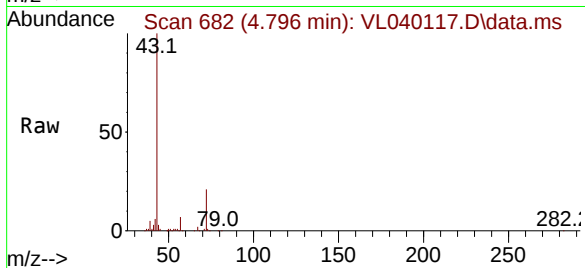
Tgt Ion:114 Resp: 2836881
Ion Ratio Lower Upper
114 100
63 25.4 21.8 32.8
88 18.5 14.8 22.2





#34
2-Butanone
Concen: 2.385 ppbv
RT: 4.796 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

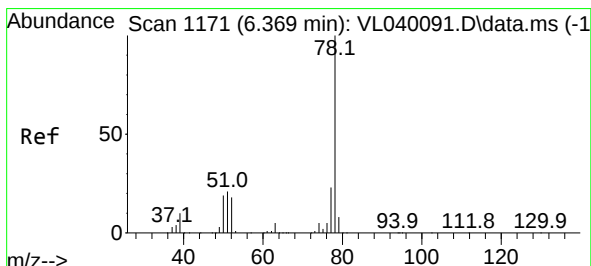
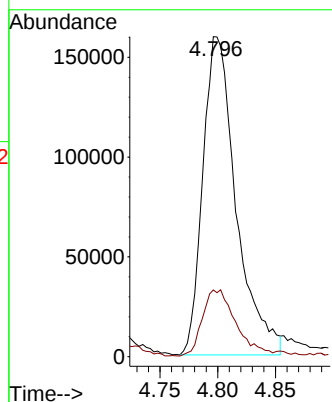
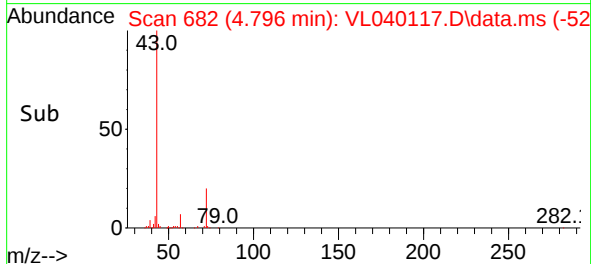
Instrument :
MSVOA_L
ClientSampleId :
VP-3DL



Tgt Ion: 43 Resp: 320099
Ion Ratio Lower Upper
43 100
72 22.2 18.4 27.6

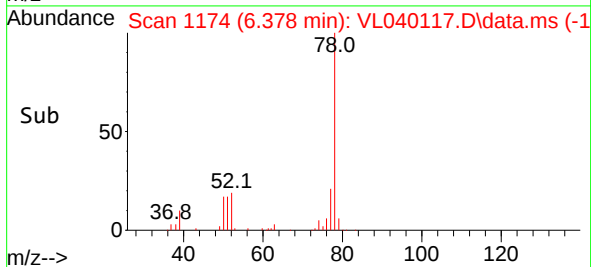
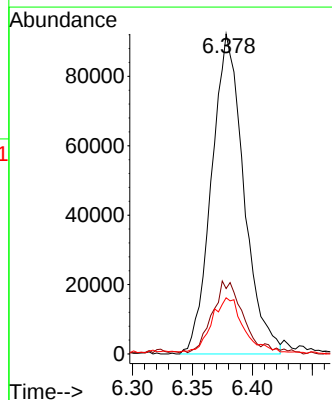
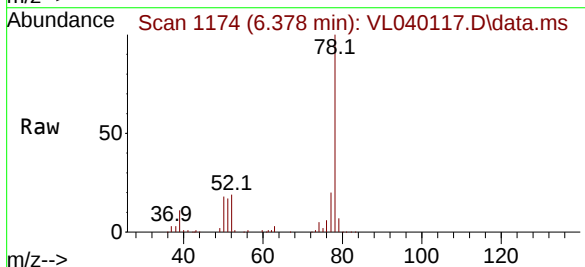
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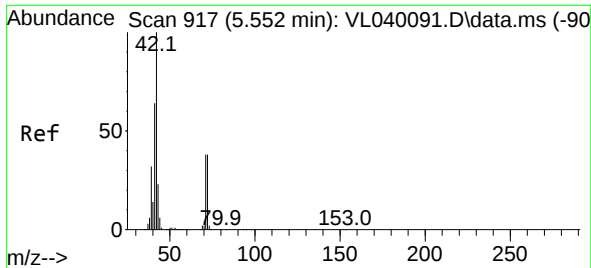
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#36
Benzene
Concen: 0.821 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.009 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

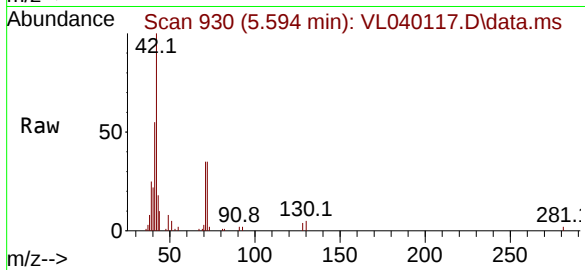
Tgt Ion: 78 Resp: 172282
Ion Ratio Lower Upper
78 100
77 20.1 18.1 27.1
50 16.9 15.6 23.4





#41
Tetrahydrofuran
Concen: 0.434 ppbv m
RT: 5.594 min Scan# 917
Delta R.T. 0.042 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

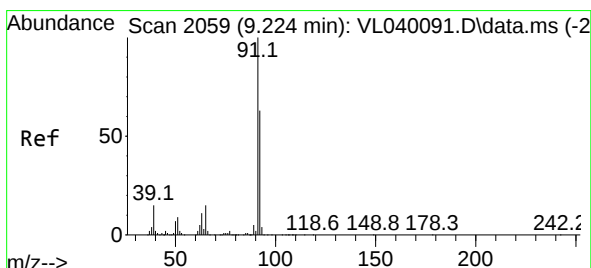
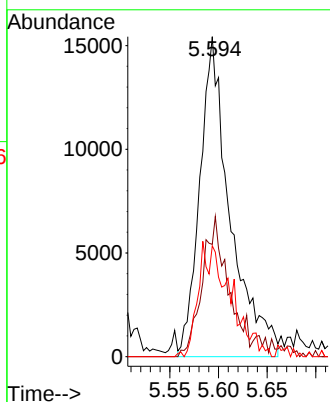
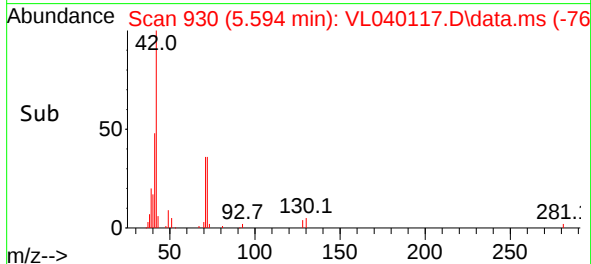
Instrument :
MSVOA_L
ClientSampleId :
VP-3DL



Tgt Ion: 42 Resp: 33600
Ion Ratio Lower Upper
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72 42.6 31.9 47.9
71 37.3 31.4 47.2

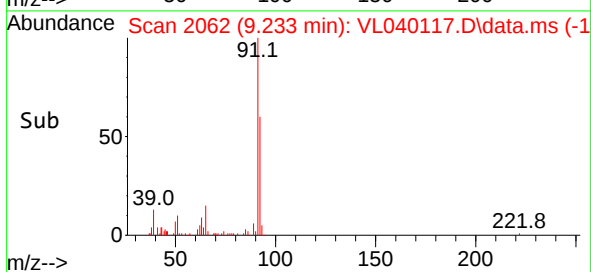
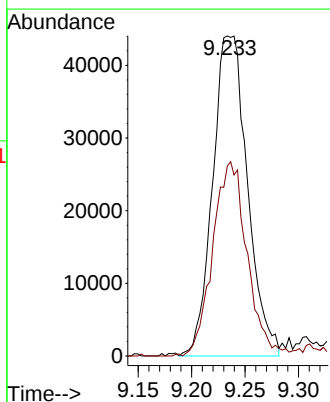
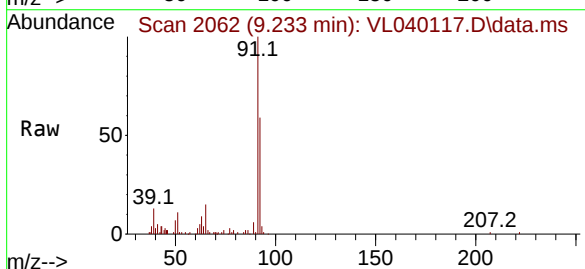
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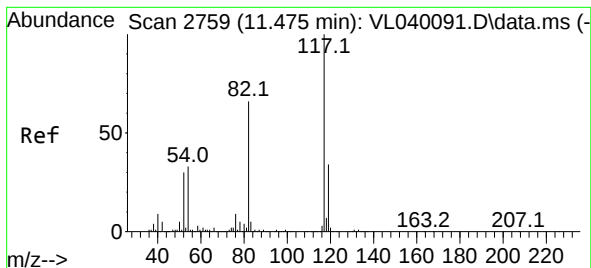
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#53
Toluene
Concen: 0.446 ppbv m
RT: 9.233 min Scan# 2062
Delta R.T. 0.009 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

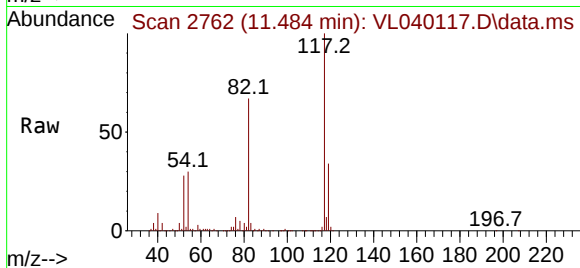
Tgt Ion: 91 Resp: 99859
Ion Ratio Lower Upper
91 100
92 60.4 48.3 72.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32

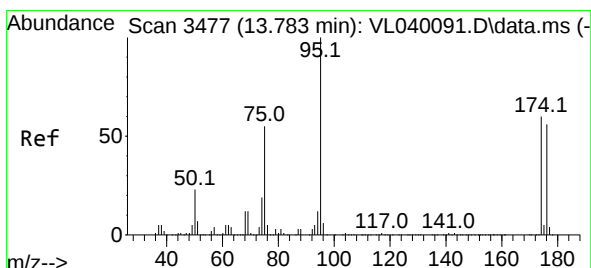
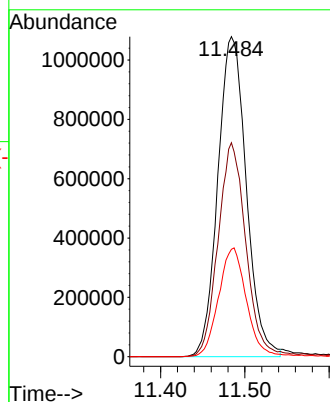
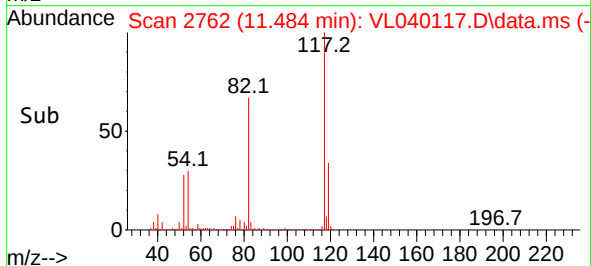
Instrument :
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VP-3DL



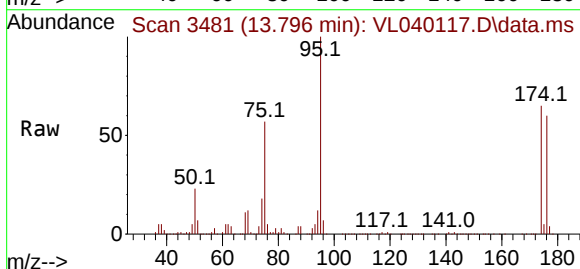
Tgt Ion: 117 Resp: 252666
Ion Ratio Lower Upper
117 100
82 66.0 54.4 81.6
119 33.5 26.8 40.2

Manual Integrations
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Supervised By :Mahesh Dadoda 01/20/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.425 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.013 min
Lab File: VL040117.D
Acq: 19 Jan 2023 17:32



Tgt Ion: 95 Resp: 1979081
Ion Ratio Lower Upper
95 100
174 66.7 47.7 71.5
175 4.9 3.4 5.2

