

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040395.D
 Acq On : 20 Apr 2023 00:58
 Operator : SY/MD
 Sample : 02368-04DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP1-ADL

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 07:51:11 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	5.176	49	938860	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2732665	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.455	117	2438044	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1933561	9.591	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
4) Chloromethane	2.793	50	17001	0.219	ppbv #	85
11) Trichlorofluoromethane	3.536	101	19563m	0.114	ppbv	
13) Ethanol	3.227	45	890502	220.089	ppbv	99
15) Acetone	3.455	43	504022	3.790	ppbv	96
20) Methylene Chloride	3.915	84	482598	9.090	ppbv	96
26) Hexane	5.195	57	676381	7.170	ppbv #	36
34) 2-Butanone	4.780	43	62341	0.423	ppbv	93
36) Benzene	6.356	78	33835m	0.152	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	30422m	0.082	ppbv	
53) Toluene	9.208	91	78644	0.333	ppbv	99
59) m/p-Xylene	12.349	91	37948m	0.138	ppbv	

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

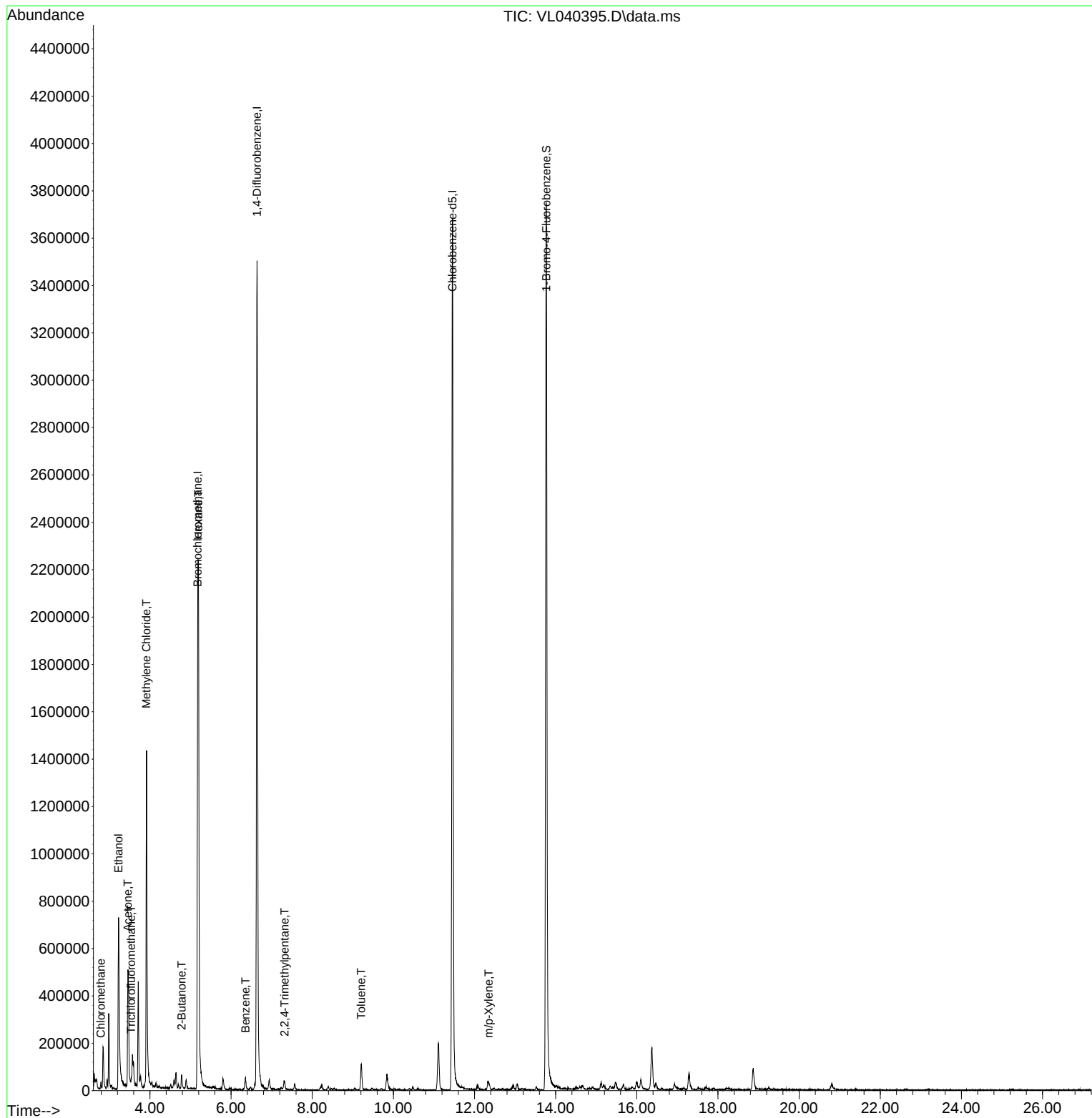
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
Data File : VL040395.D
Acq On : 20 Apr 2023 00:58
Operator : SY/MD
Sample : 02368-04DL 2X
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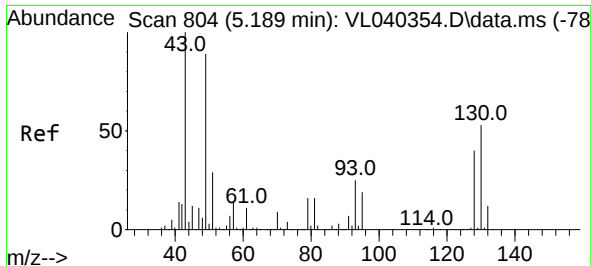
Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL

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Supervised By :Mahesh Dadoda 04/22/2023

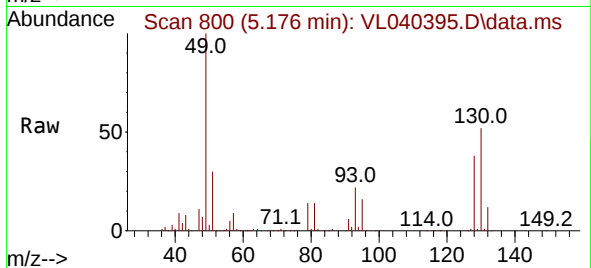
Quant Time: Apr 20 07:51:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

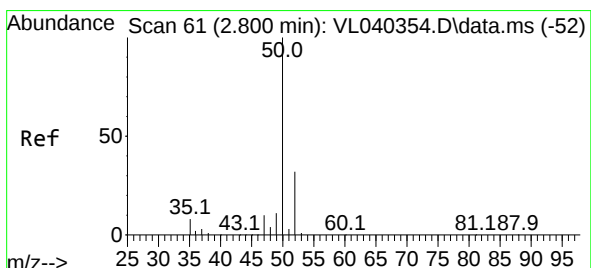
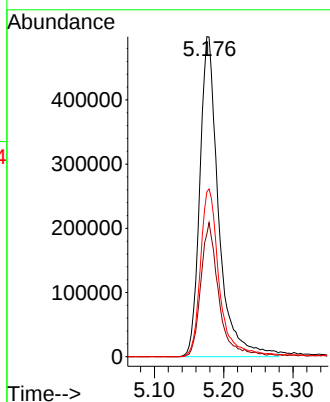
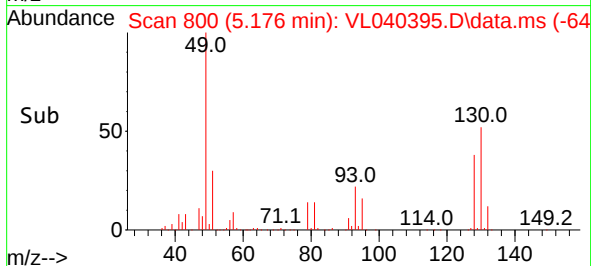
Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL



Tgt Ion: 49 Resp: 938860
Ion Ratio Lower Upper
49 100
128 40.8 23.7 71.1
130 53.4 29.9 89.8

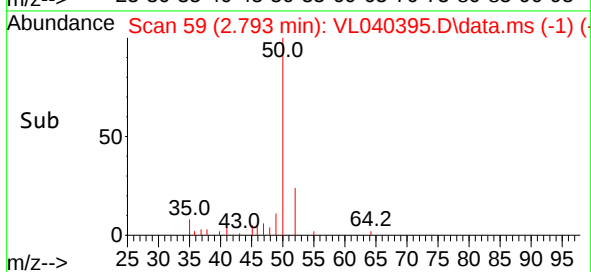
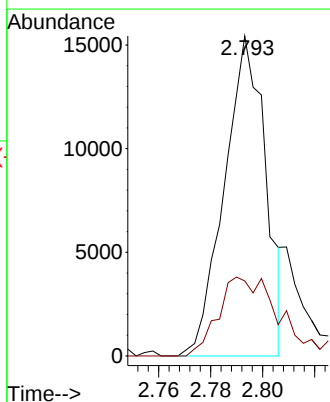
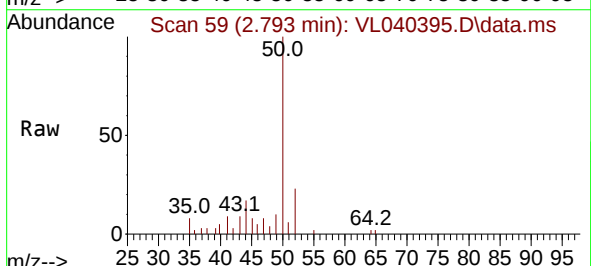
Manual Integrations
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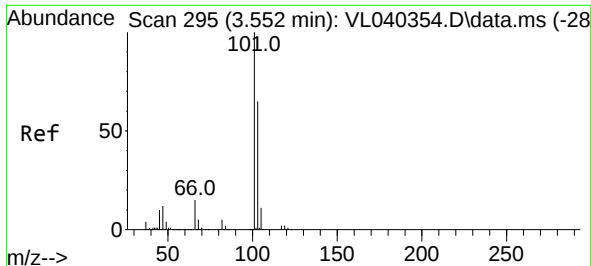
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Chloromethane
Concen: 0.219 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

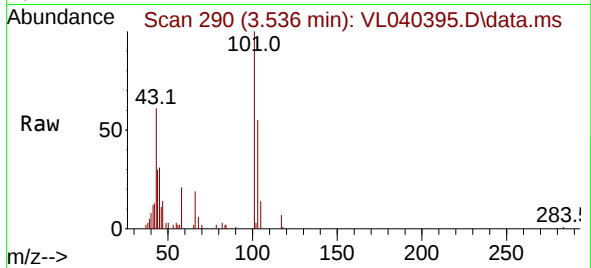
Tgt Ion: 50 Resp: 17001
Ion Ratio Lower Upper
50 100
52 23.4 25.3 37.9





#11
Trichlorofluoromethane
Concen: 0.114 ppbv m
RT: 3.536 min Scan# 295
Delta R.T. -0.016 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

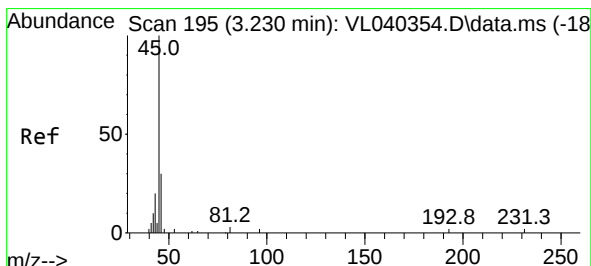
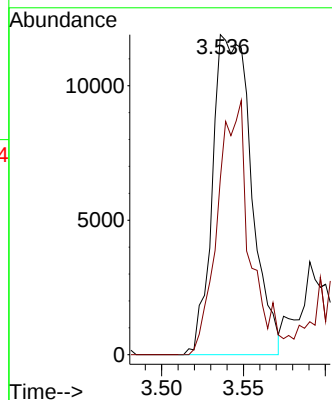
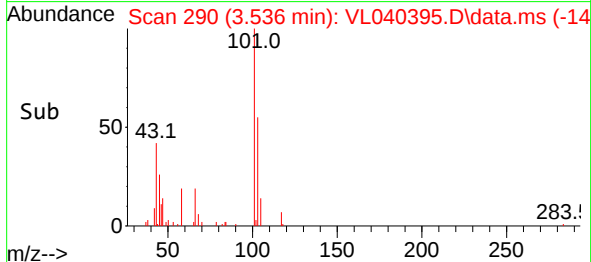
Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL



Tgt Ion:101 Resp: 1956
Ion Ratio Lower Upper
101 100
103 55.1 52.2 78.4

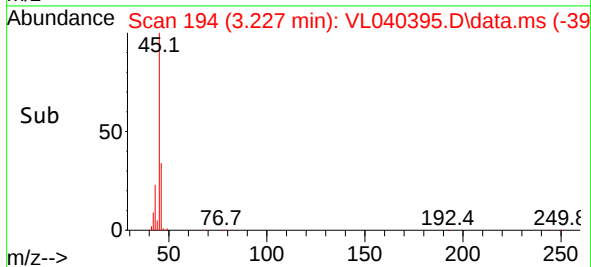
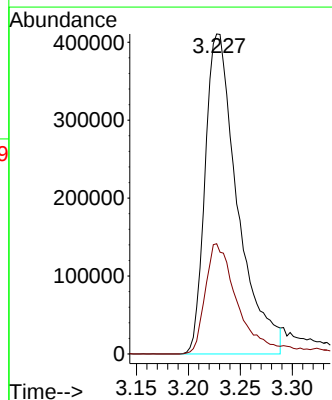
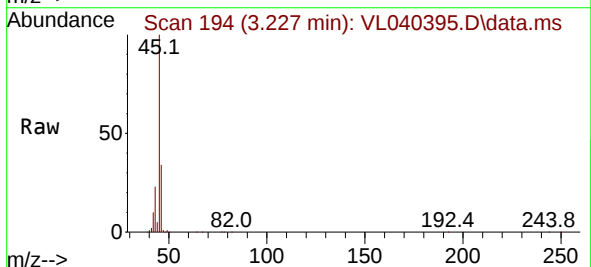
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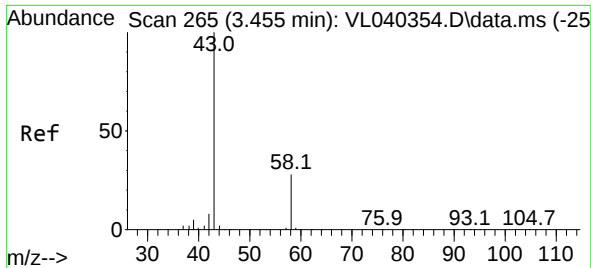
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#13
Ethanol
Concen: 220.089 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

Tgt Ion: 45 Resp: 890502
Ion Ratio Lower Upper
45 100
46 37.5 15.3 61.3





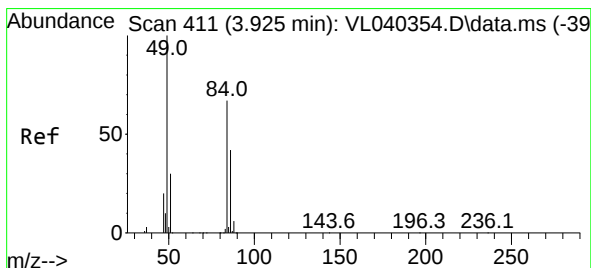
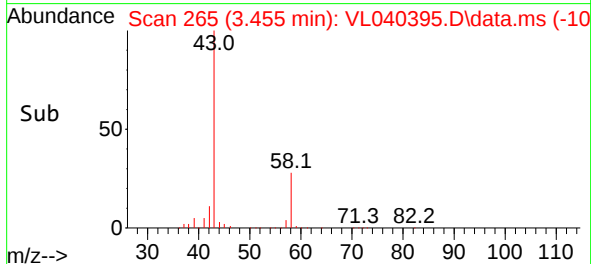
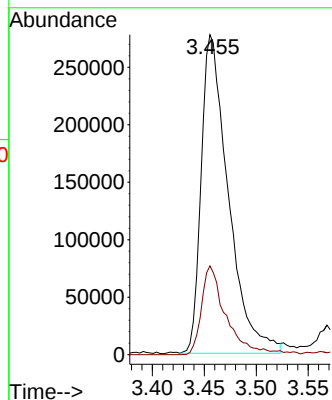
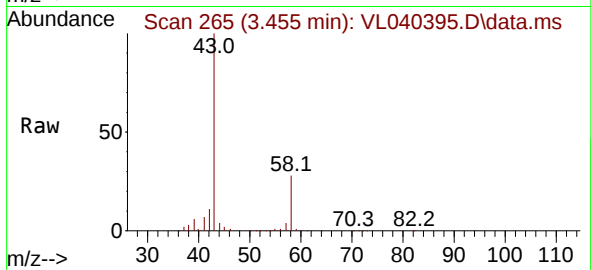
#15
Acetone
Concen: 3.790 ppbv
RT: 3.455 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL

Tgt Ion: 43 Resp: 50402
Ion Ratio Lower Upper
43 100
58 25.4 22.2 33.2

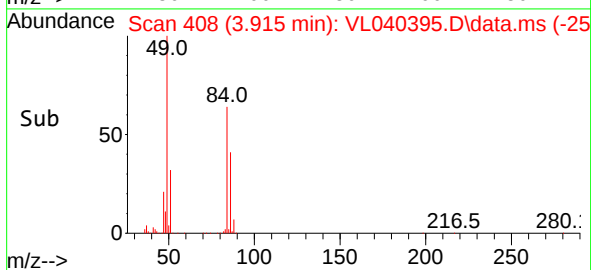
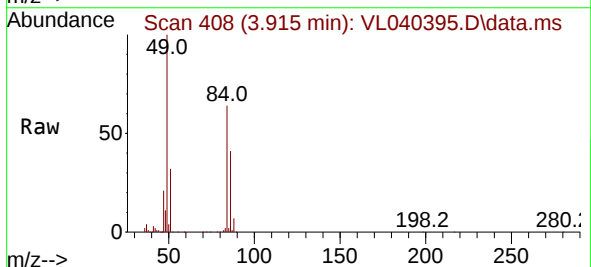
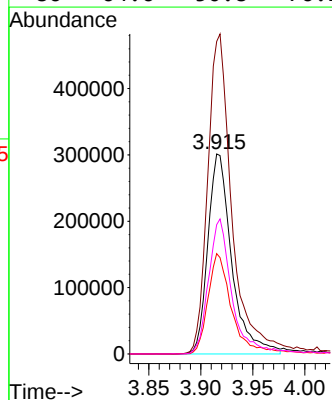
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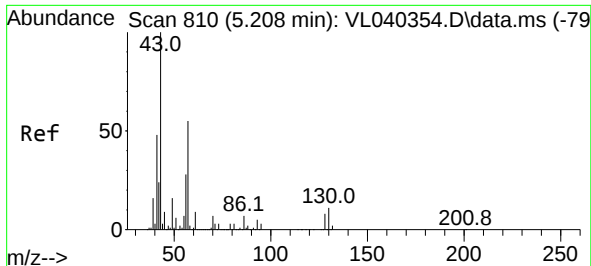
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 9.090 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

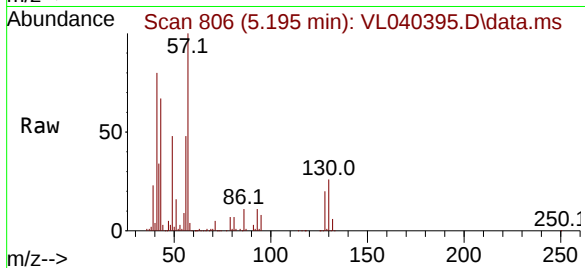
Tgt Ion: 84 Resp: 482598
Ion Ratio Lower Upper
84 100
49 156.1 120.1 180.1
51 50.0 36.3 54.5
86 64.6 50.8 76.2





#26
Hexane
Concen: 7.170 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.013 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

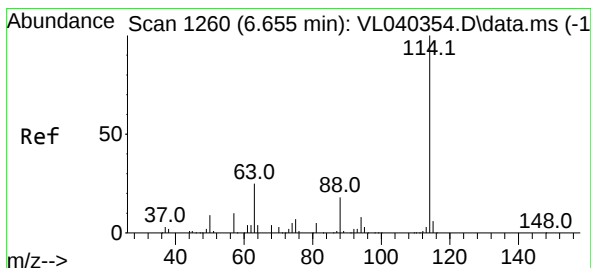
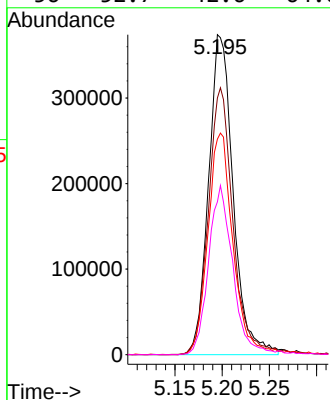
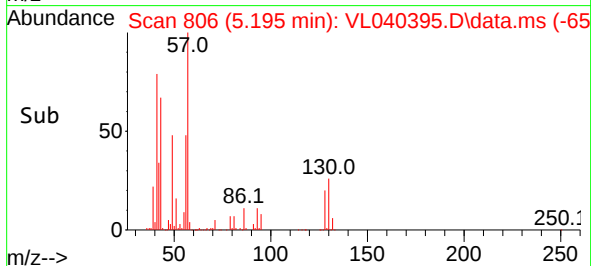
Instrument :
MSVOA_L
Client SampleId :
AP1-ADL



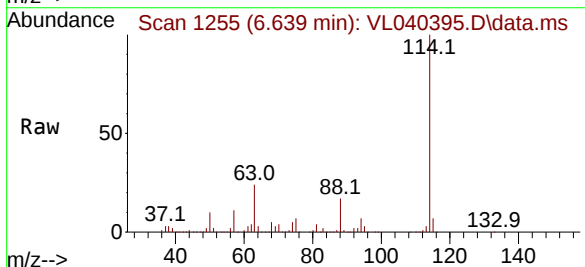
Tgt Ion: 57 Resp: 67638
Ion Ratio Lower Upper
57 100
41 84.6 74.8 112.2
43 71.4 192.7 289.1
56 52.7 42.6 64.0

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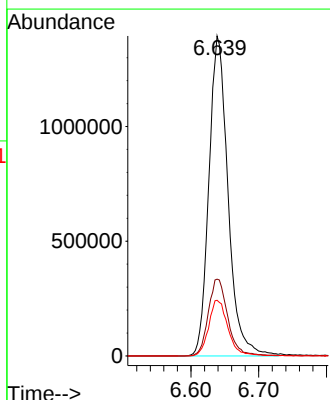
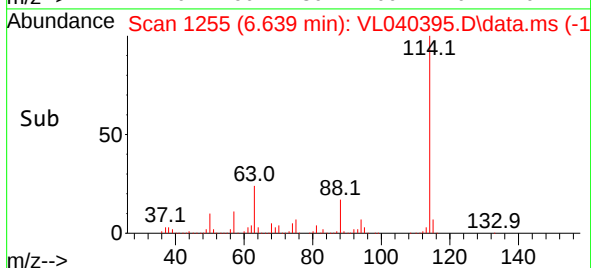
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

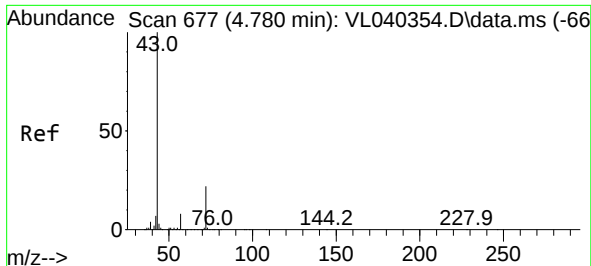


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58



Tgt Ion:114 Resp: 2732665
Ion Ratio Lower Upper
114 100
63 24.8 21.4 32.0
88 17.6 14.6 22.0





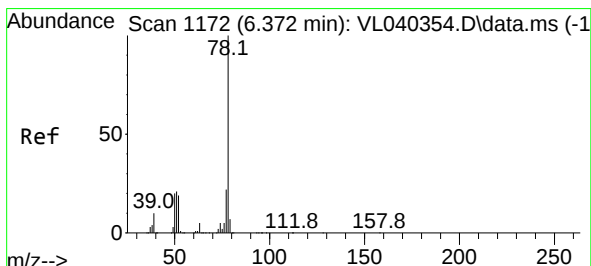
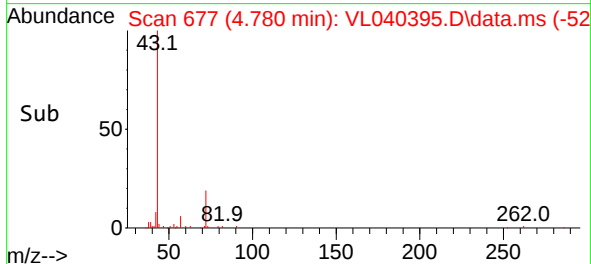
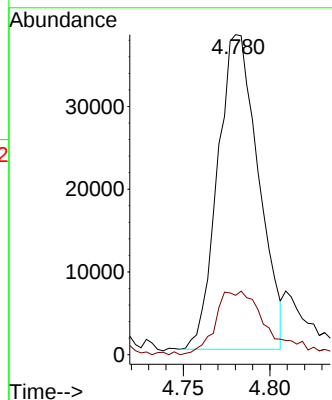
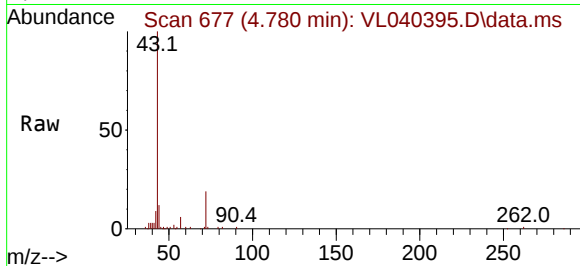
#34
2-Butanone
Concen: 0.423 ppbv
RT: 4.780 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL

Tgt Ion: 43 Resp: 6234
Ion Ratio Lower Upper
43 100
72 26.6 18.4 27.6

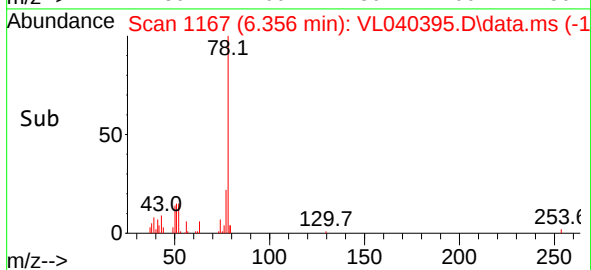
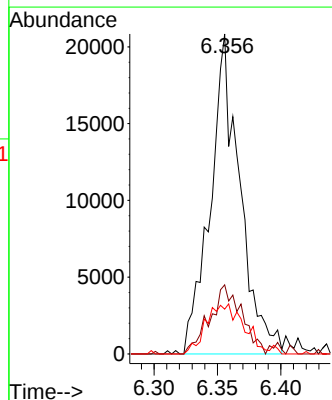
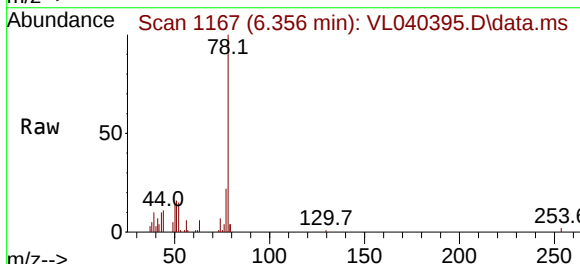
Manual Integrations
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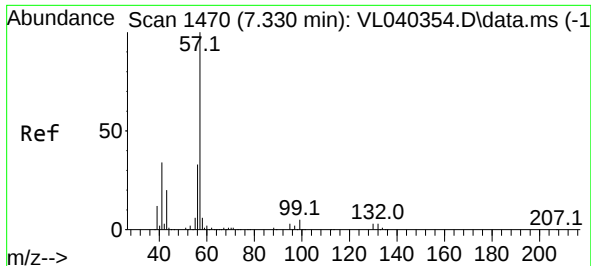
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
Benzene
Concen: 0.152 ppbv m
RT: 6.356 min Scan# 1167
Delta R.T. -0.016 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

Tgt Ion: 78 Resp: 33835
Ion Ratio Lower Upper
78 100
77 21.6 17.8 26.8
50 14.0 15.6 23.4#





#44

2,2,4-Trimethylpentane

Concen: 0.082 ppbv m

RT: 7.320 min Scan# 1470

Delta R.T. -0.010 min

Lab File: VL040395.D

Acq: 20 Apr 2023 00:58

Instrument :

MSVOA_L

ClientSampleId :

AP1-ADL

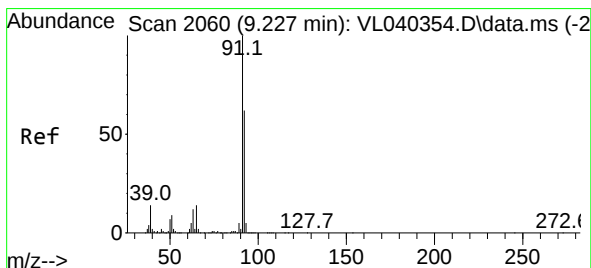
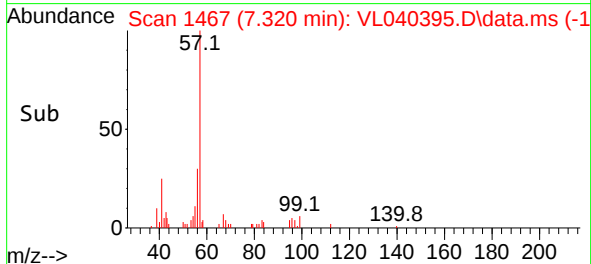
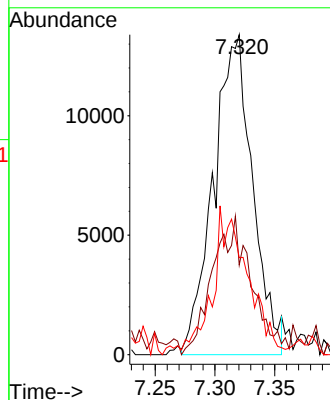
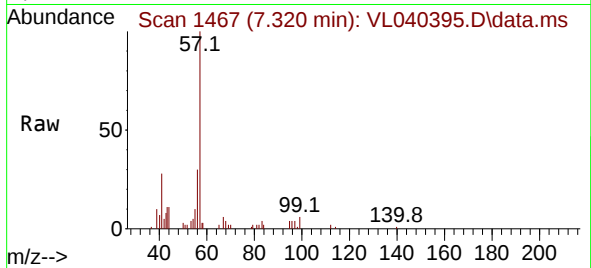
Tgt Ion:	57	Resp:	3042
Ion Ratio	Lower	Upper	
57	100		
41	48.4	26.9	40.3
56	0.0	25.1	37.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#53

Toluene

Concen: 0.333 ppbv

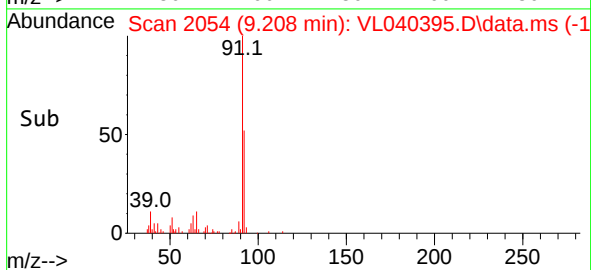
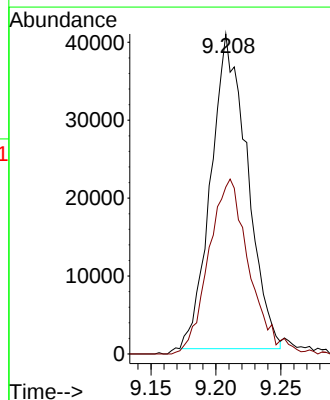
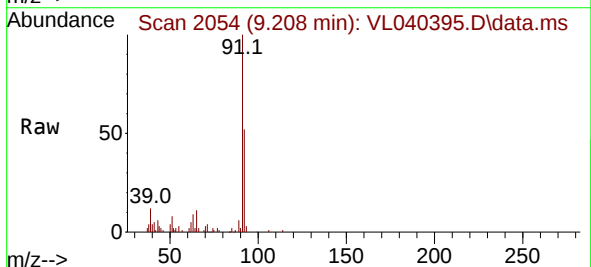
RT: 9.208 min Scan# 2054

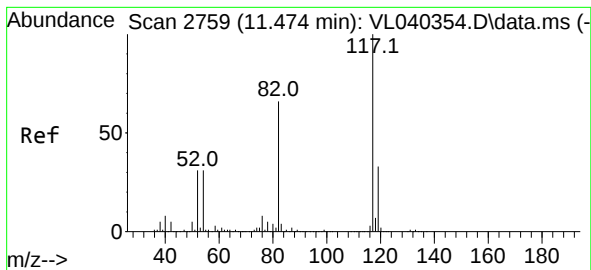
Delta R.T. -0.019 min

Lab File: VL040395.D

Acq: 20 Apr 2023 00:58

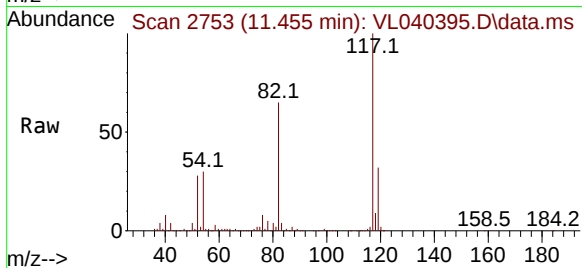
Tgt Ion:	91	Resp:	78644
Ion Ratio	Lower	Upper	
91	100		
92	62.1	48.9	73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58

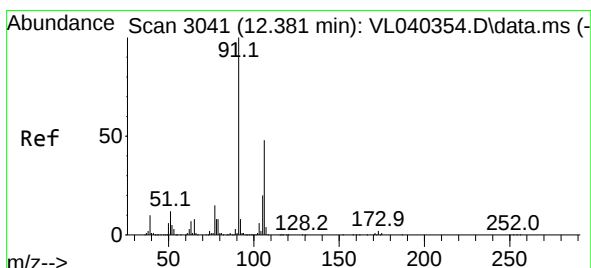
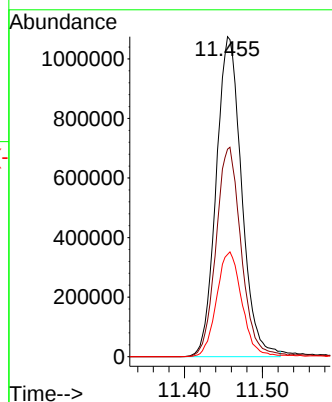
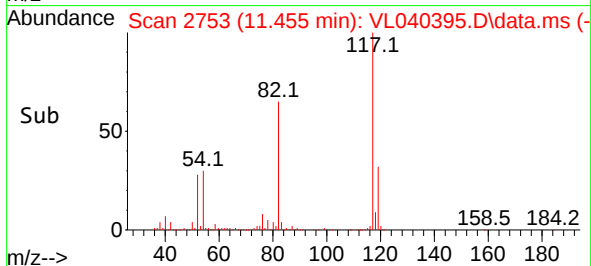
Instrument :
MSVOA_L
ClientSampleId :
AP1-ADL



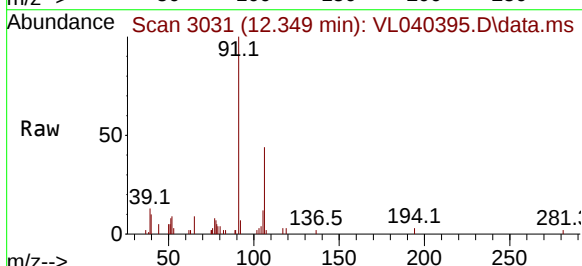
Tgt Ion: 117 Resp: 243804
Ion Ratio Lower Upper
117 100
82 65.8 52.5 78.7
119 33.3 24.3 36.5

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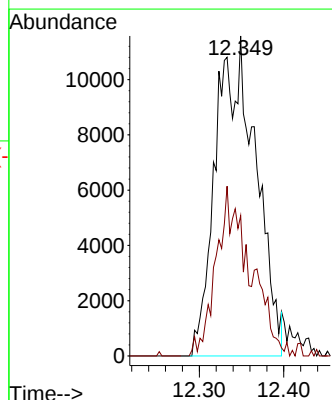
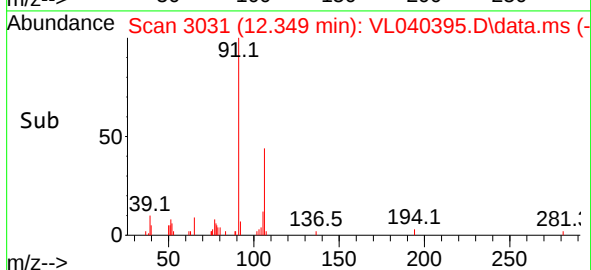
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

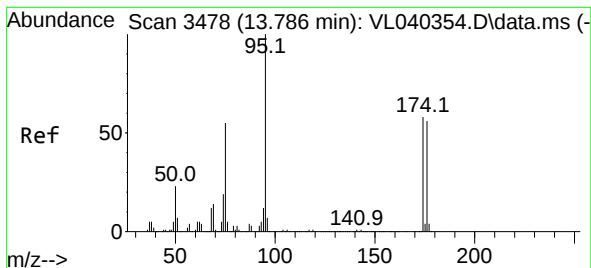


#59
m/p-Xylene
Concen: 0.138 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.032 min
Lab File: VL040395.D
Acq: 20 Apr 2023 00:58



Tgt Ion: 91 Resp: 37948
Ion Ratio Lower Upper
91 100
106 0.0 34.7 52.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.591 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.019 min

Lab File: VL040395.D

Acq: 20 Apr 2023 00:58

Instrument :

MSVOA_L

ClientSampleId :

AP1-ADL

Tgt Ion: 95 Resp: 193356

Ion Ratio Lower Upper

95 100

174 62.2 47.2 70.8

175 4.4 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023

