

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039366.D
 Acq On : 27 Jun 2022 19:44
 Operator : SY/AP
 Sample : N3453-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:40:07 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1192821	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3346482	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2976337	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2320235	9.429	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						
					Qvalue	
9) Propene	3.015	41	49540	0.749	ppbv	91
13) Ethanol	3.613	45	73360m	20.327	ppbv	
15) Acetone	3.861	43	76133	0.613	ppbv #	85
17) tert-Butyl alcohol	4.308	59	19249m	0.200	ppbv	
20) Methylene Chloride	4.340	84	38374m	0.733	ppbv	
26) Hexane	5.693	57	25174m	0.205	ppbv	
34) 2-Butanone	5.259	43	30267m	0.166	ppbv	
53) Toluene	9.806	91	132068m	0.422	ppbv	
58) Ethyl Benzene	12.703	91	133084m	0.325	ppbv	
59) m/p-Xylene	12.957	91	362089m	1.003	ppbv	
60) o-Xylene	13.683	91	193413	0.570	ppbv	97
61) Styrene	13.526	104	30041m	0.165	ppbv	
62) Isopropylbenzene	14.664	105	1765085	3.501	ppbv	99

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

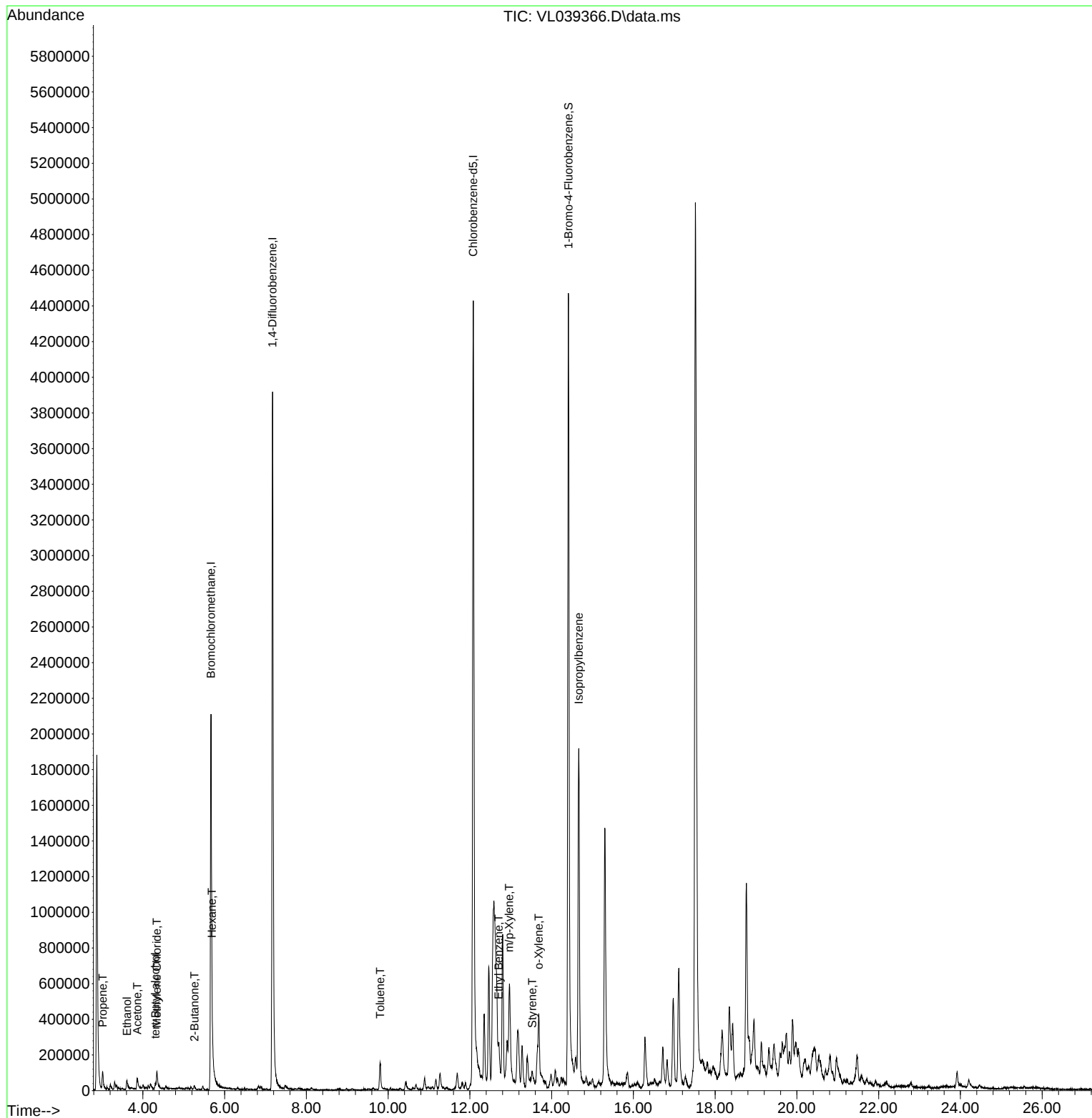
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
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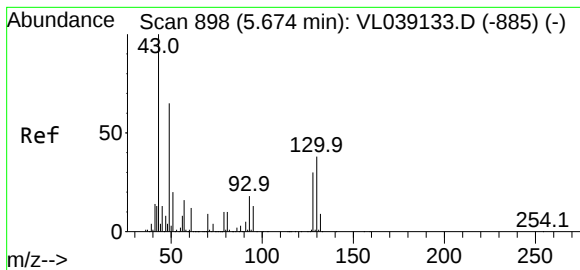
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Jun 28 02:40:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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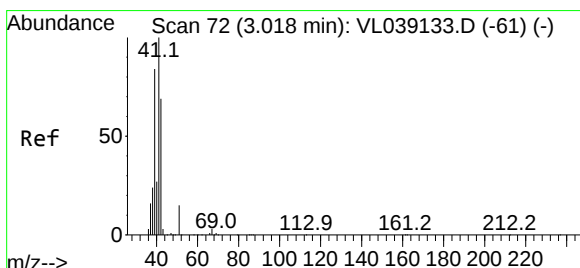
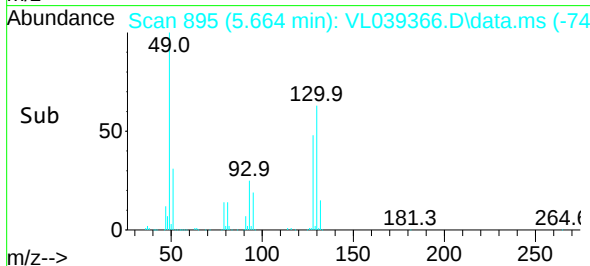
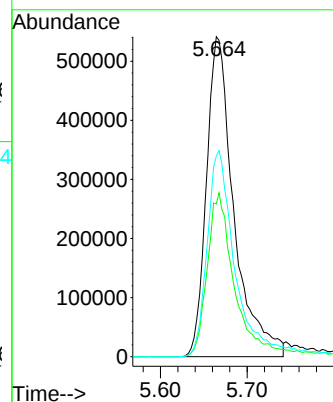
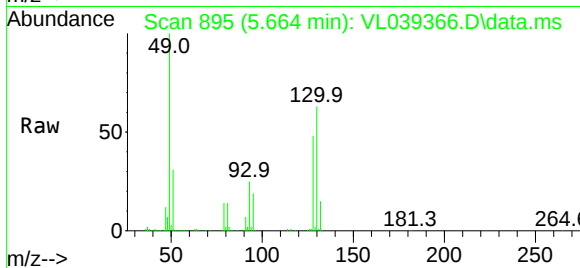
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 49 Resp: 119282
Ion Ratio Lower Upper
49 100
128 53.2 24.7 74.1
130 68.1 31.4 94.0

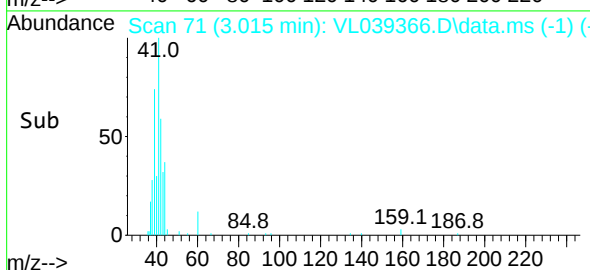
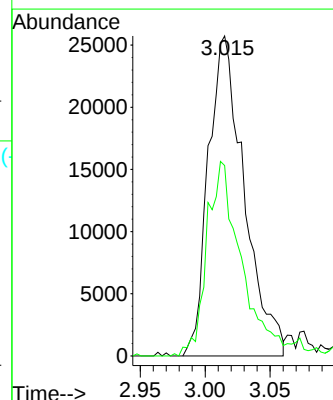
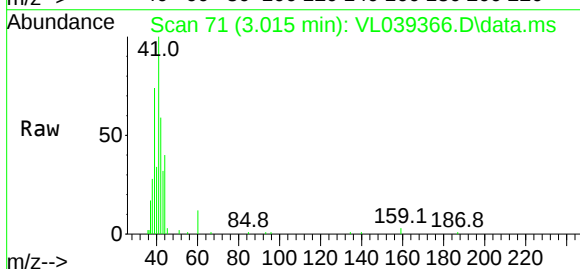
Manual Integrations
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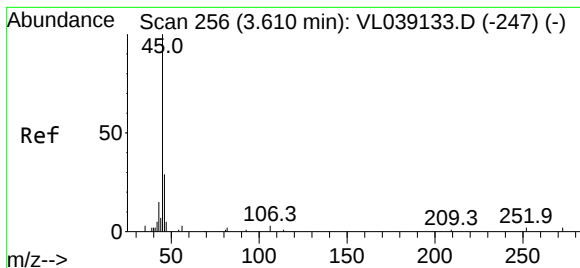
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.749 ppbv
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

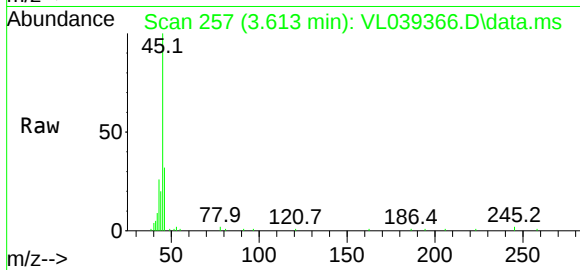
Tgt Ion: 41 Resp: 49540
Ion Ratio Lower Upper
41 100
42 61.6 55.4 83.2





#13
Ethanol
Concen: 20.327 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

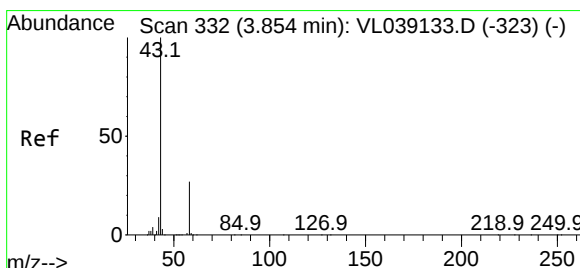
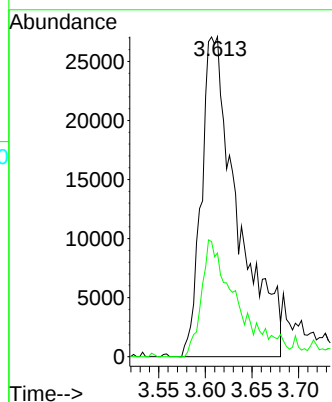
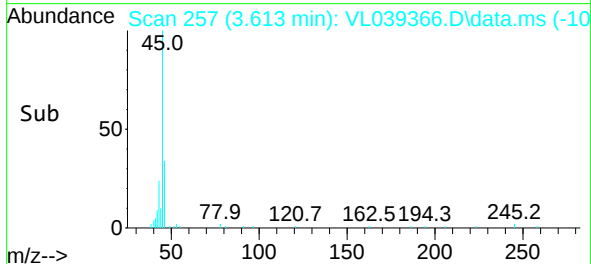
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



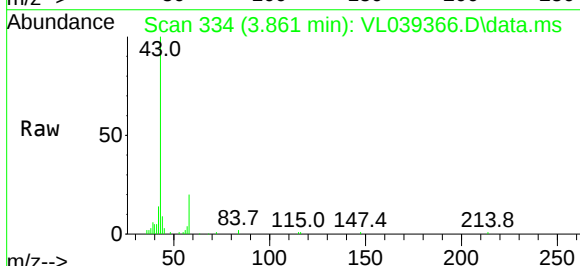
Tgt Ion: 45 Resp: 73360
Ion Ratio Lower Upper
45 100
46 36.8 0.0 0.0

Manual Integrations
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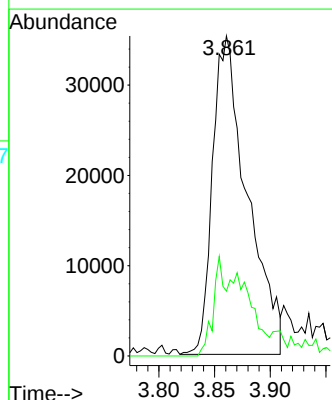
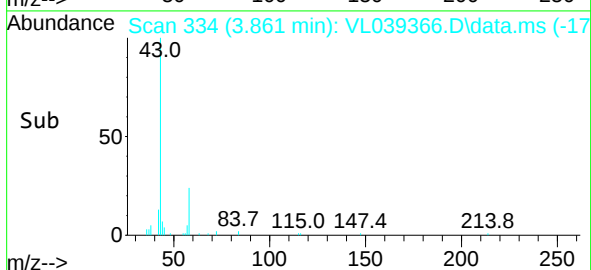
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

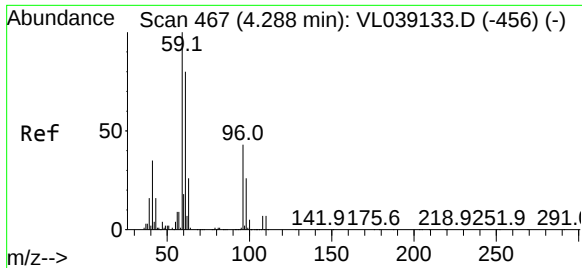


#15
Acetone
Concen: 0.613 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44



Tgt Ion: 43 Resp: 76133
Ion Ratio Lower Upper
43 100
58 36.3 22.5 33.7





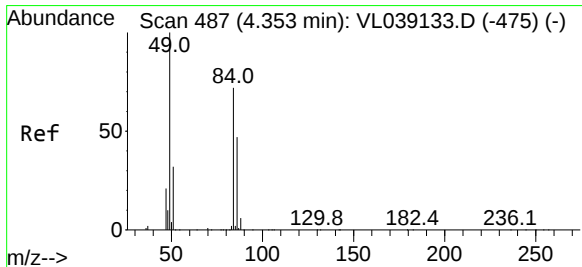
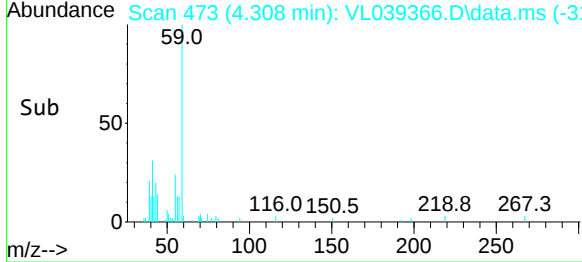
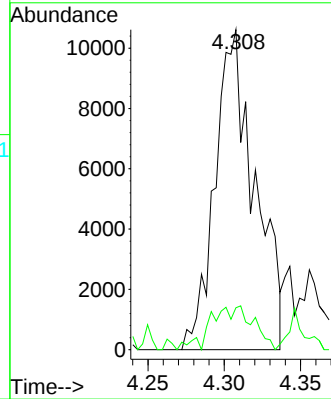
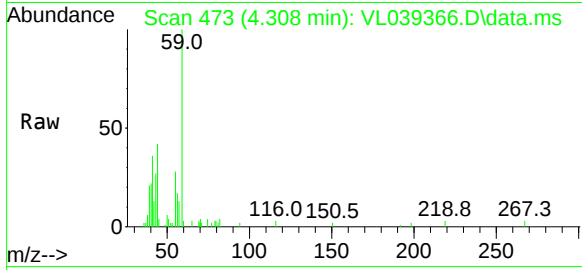
#17
tert-Butyl alcohol
Concen: 0.200 ppbv m
RT: 4.308 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 59 Resp: 19249
Ion Ratio Lower Upper
59 100
57 17.7 9.1 13.7

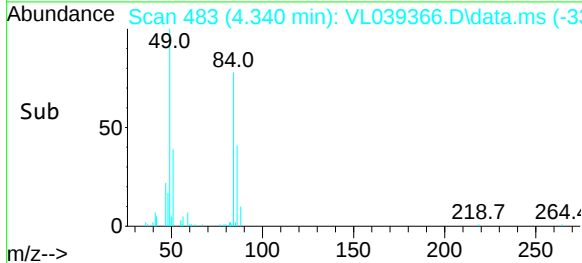
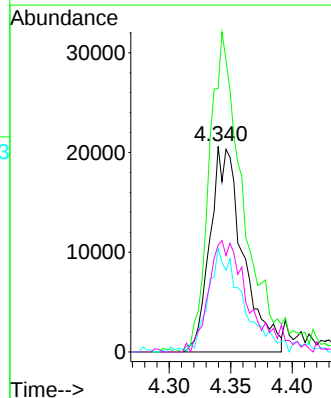
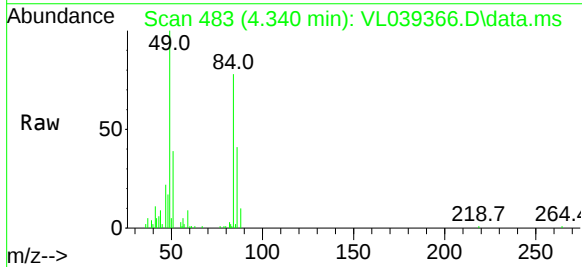
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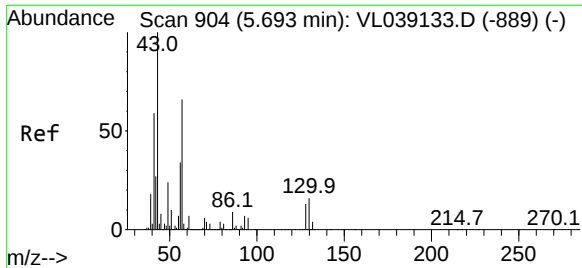
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.733 ppbv m
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

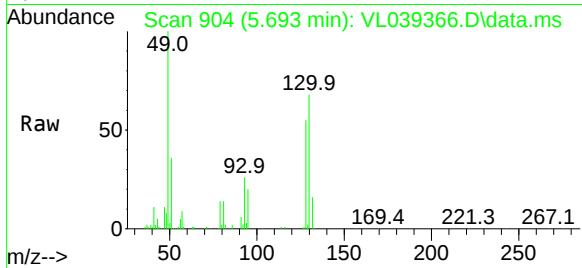
Tgt Ion: 84 Resp: 38374
Ion Ratio Lower Upper
84 100
49 128.0 111.1 166.7
51 50.5 35.3 52.9
86 52.0 51.9 77.9





#26
Hexane
Concen: 0.205 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

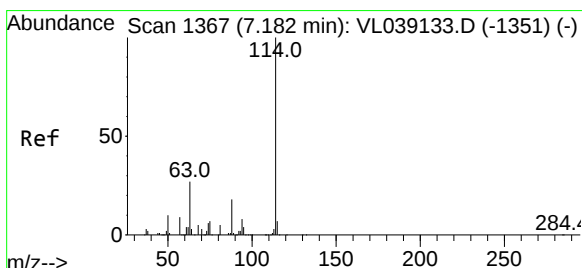
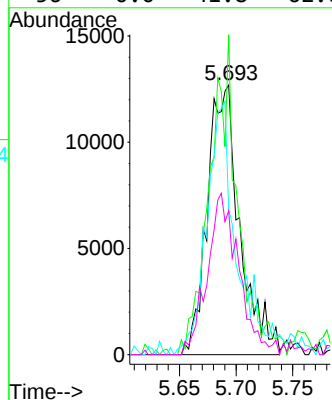
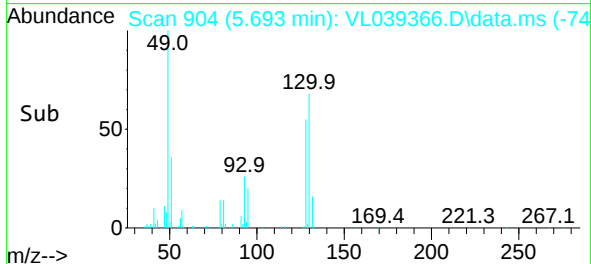
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



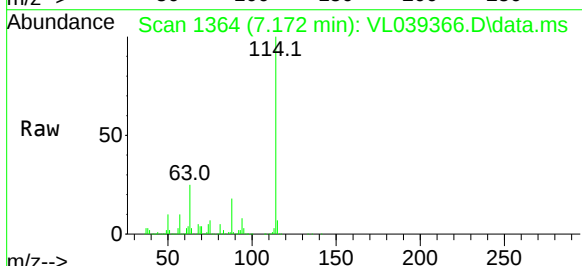
Tgt Ion: 57 Resp: 25174
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6
43 0.0 187.0 280.6
56 0.0 41.8 62.6

Manual Integrations
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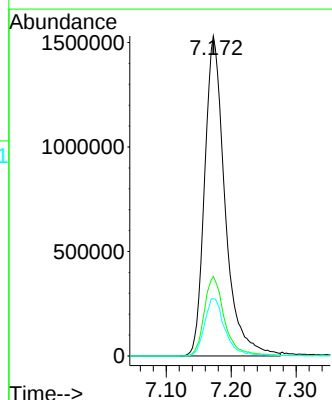
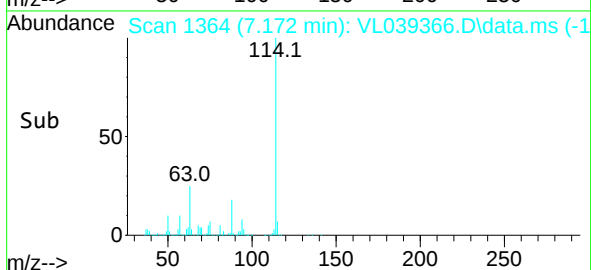
Reviewed By :Semsettin Yesilyurt 06/29/2022
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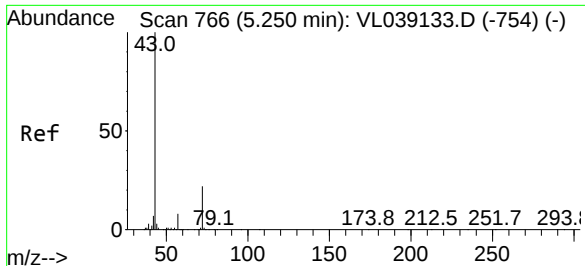


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44



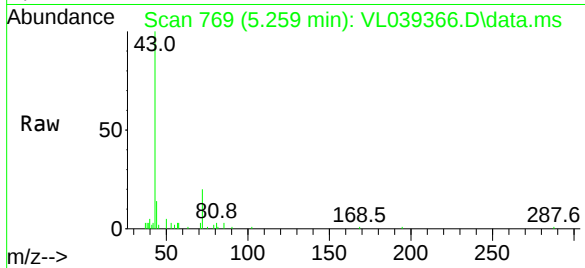
Tgt Ion:114 Resp: 3346482
Ion Ratio Lower Upper
114 100
63 24.9 21.7 32.5
88 18.3 14.8 22.2





#34
2-Butanone
Concen: 0.166 ppbv m
RT: 5.259 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

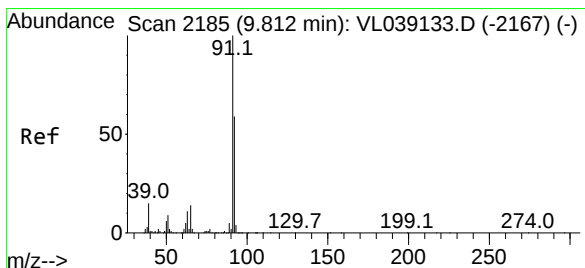
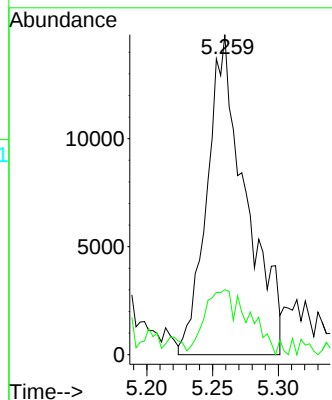
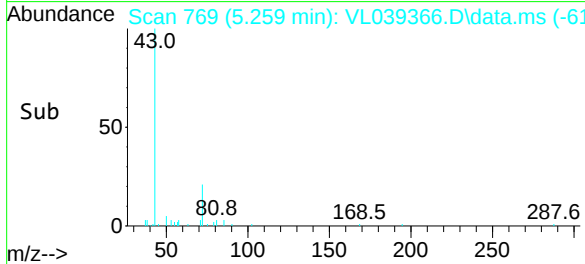
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



Tgt Ion: 43 Resp: 3026
Ion Ratio Lower Upper
43 100
72 24.1 18.2 27.2

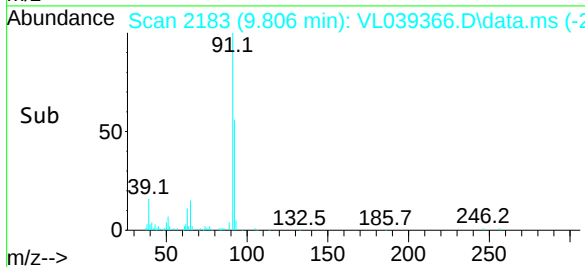
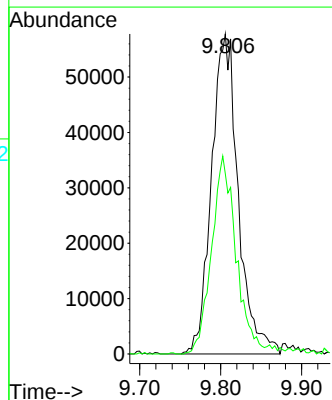
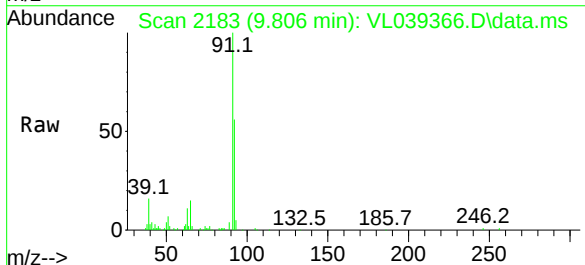
Manual Integrations
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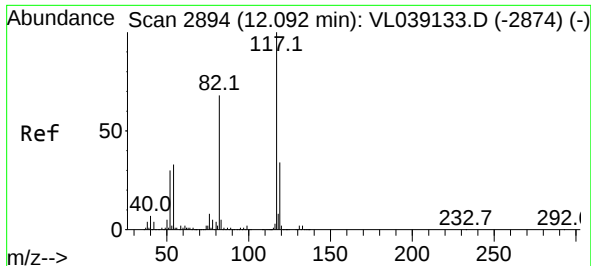
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#53
Toluene
Concen: 0.422 ppbv m
RT: 9.806 min Scan# 2183
Delta R.T. -0.006 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

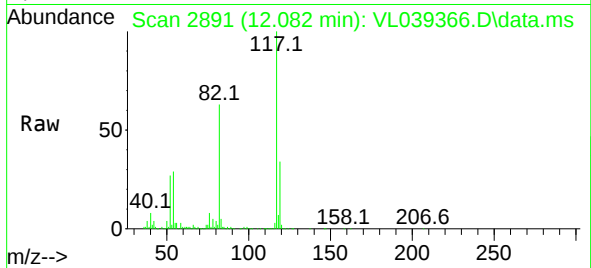
Tgt Ion: 91 Resp: 132068
Ion Ratio Lower Upper
91 100
92 59.1 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.010 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

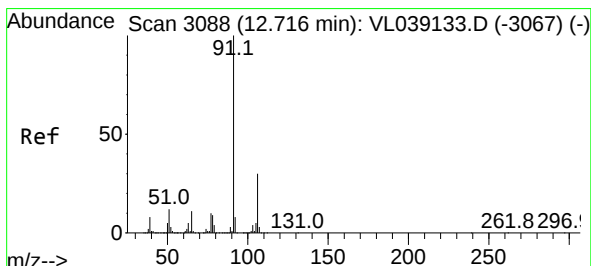
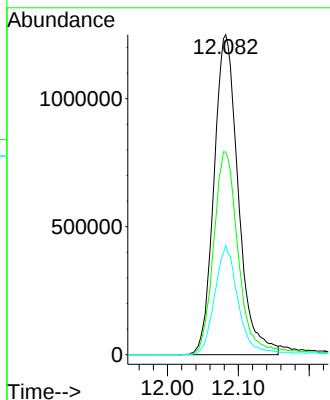
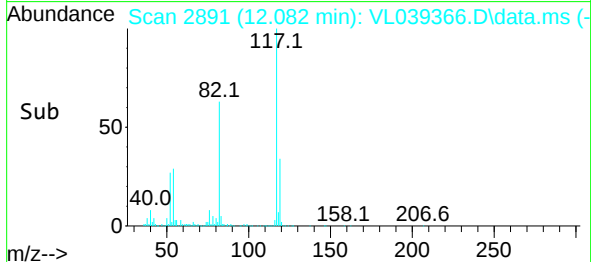
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



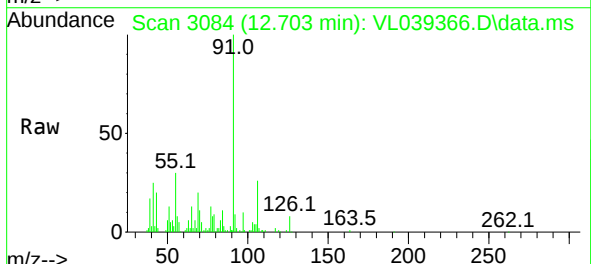
Tgt Ion: 117 Resp: 297633
Ion Ratio Lower Upper
117 100
82 66.8 55.1 82.7
119 34.1 24.7 37.1

Manual Integrations
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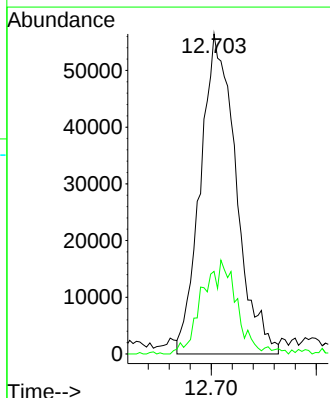
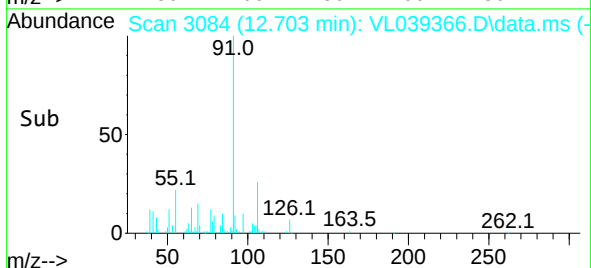
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

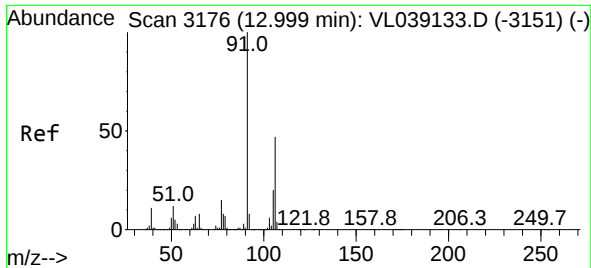


#58
Ethyl Benzene
Concen: 0.325 ppbv m
RT: 12.703 min Scan# 3084
Delta R.T. -0.013 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44



Tgt Ion: 91 Resp: 133084
Ion Ratio Lower Upper
91 100
106 25.8 24.2 36.4





#59

m/p-Xylene

Concen: 1.003 ppbv m

RT: 12.957 min Scan# 3176

Delta R.T. -0.042 min

Lab File: VL039366.D

Acq: 27 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tgt Ion: 91 Resp: 362089

Ion Ratio Lower Upper

91 100

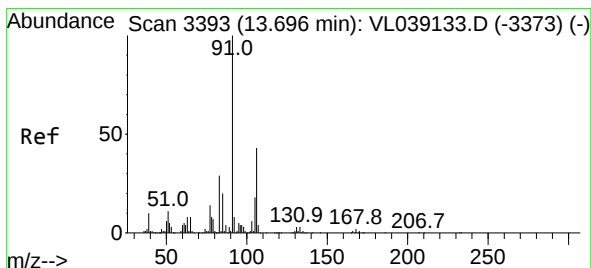
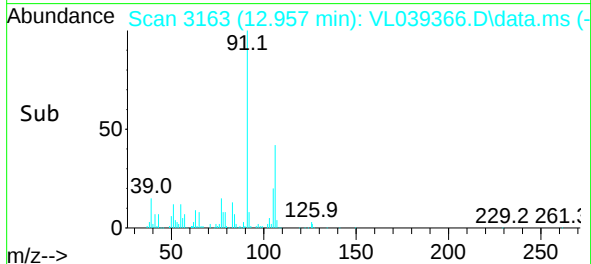
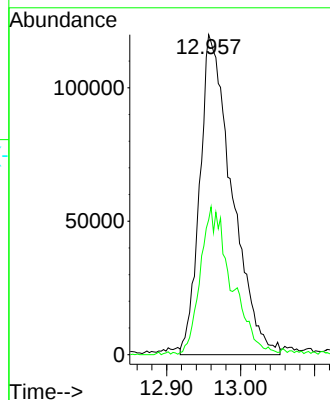
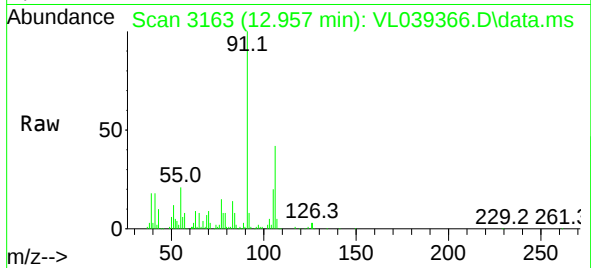
106 46.1 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#60

o-Xylene

Concen: 0.570 ppbv

RT: 13.683 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039366.D

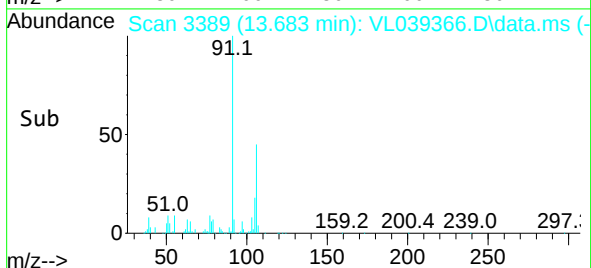
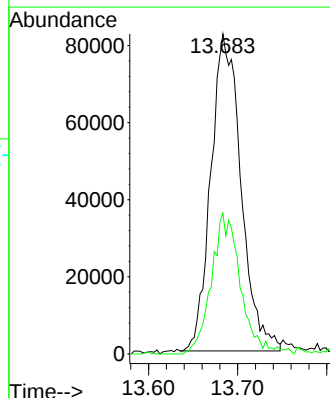
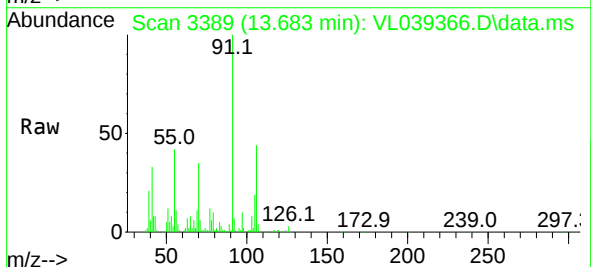
Acq: 27 Jun 2022 19:44

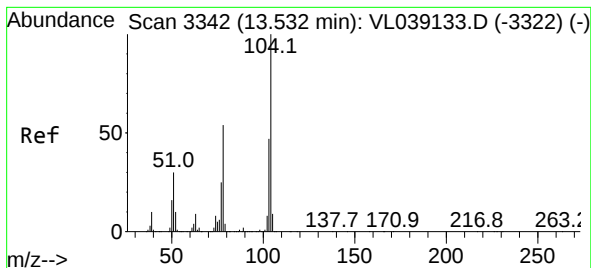
Tgt Ion: 91 Resp: 193413

Ion Ratio Lower Upper

91 100

106 42.8 22.3 66.9





#61

Styrene

Concen: 0.165 ppbv m

RT: 13.526 min Scan# 31

Delta R.T. -0.007 min

Lab File: VL039366.D

Acq: 27 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

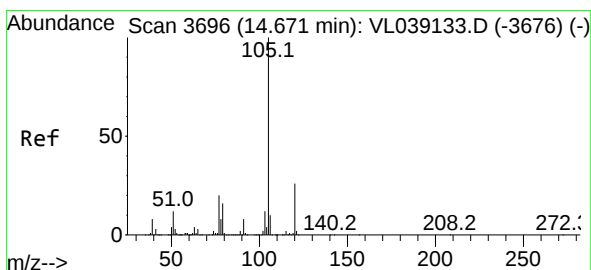
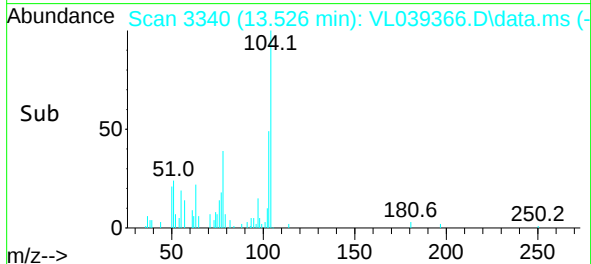
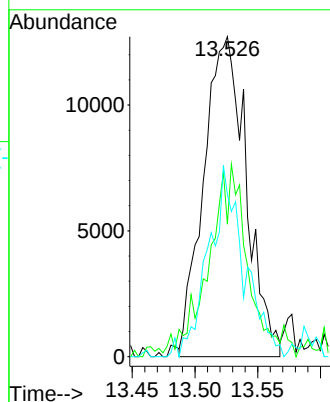
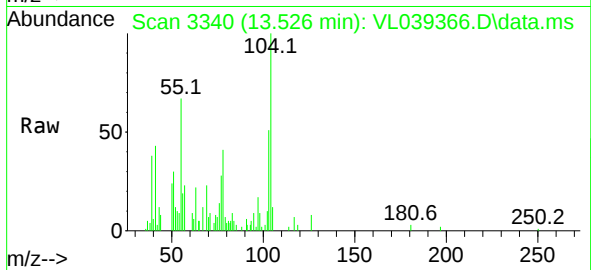
SG-3DL

Tgt Ion:104	Resp:	3004
Ion Ratio	Lower	Upper
104	100	
78	57.9	45.7 68.5
103	49.6	39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#62

Isopropylbenzene

Concen: 3.501 ppbv

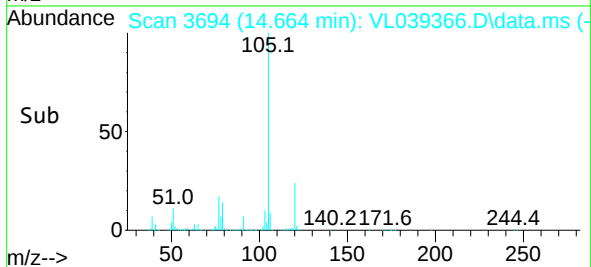
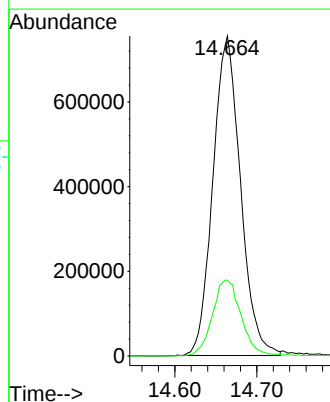
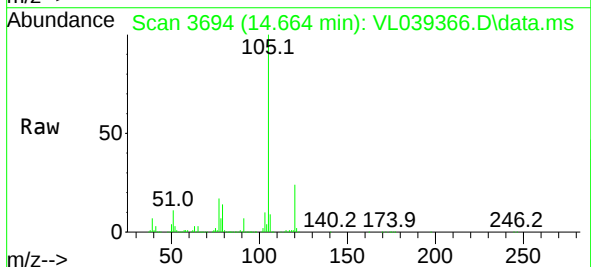
RT: 14.664 min Scan# 3694

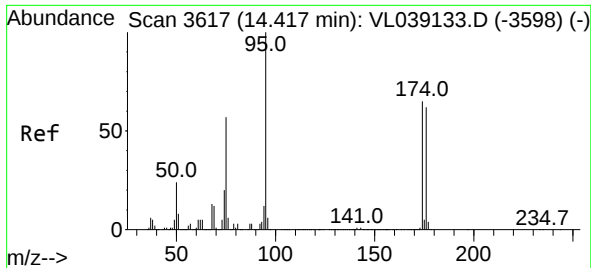
Delta R.T. -0.007 min

Lab File: VL039366.D

Acq: 27 Jun 2022 19:44

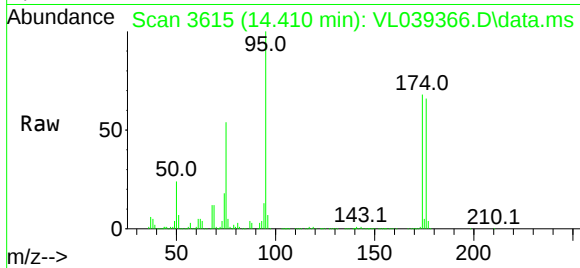
Tgt Ion:105	Resp:	1765085
Ion Ratio	Lower	Upper
105	100	
120	24.9	20.3 30.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.429 ppbv
 RT: 14.410 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL039366.D
 Acq: 27 Jun 2022 19:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL



Tgt Ion: 95 Resp: 2320235
 Ion Ratio Lower Upper
 95 100
 174 70.9 53.8 80.8
 175 5.1 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

