

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039464.D
 Acq On : 13 Jul 2022 1:58
 Operator : SY/AP
 Sample : N3660-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 05:58:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:33:52 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1320037	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3757476	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3399693	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2570369	10.191	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
13) Ethanol	3.610	45	357211	81.408	ppbv	74
15) Acetone	3.864	43	160676	1.029	ppbv	93
19) Isopropyl Alcohol	3.973	45	918514	11.026	ppbv #	95
20) Methylene Chloride	4.359	84	147505	2.370	ppbv	94
25) Ethyl Acetate	5.684	43	2794074	8.725	ppbv #	93
36) Benzene	6.906	78	30653	0.105	ppbv	97
52) Tetrachloroethene	11.233	164	21039m	0.180	ppbv	
53) Toluene	9.819	91	105378	0.314	ppbv	100
58) Ethyl Benzene	12.725	91	57503	0.131	ppbv #	85
59) m/p-Xylene	12.976	91	310745	0.803	ppbv	97
60) o-Xylene	13.703	91	148338	0.405	ppbv	99
74) 1,2,4-Trimethylbenzene	16.773	105	101419	0.232	ppbv #	74

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

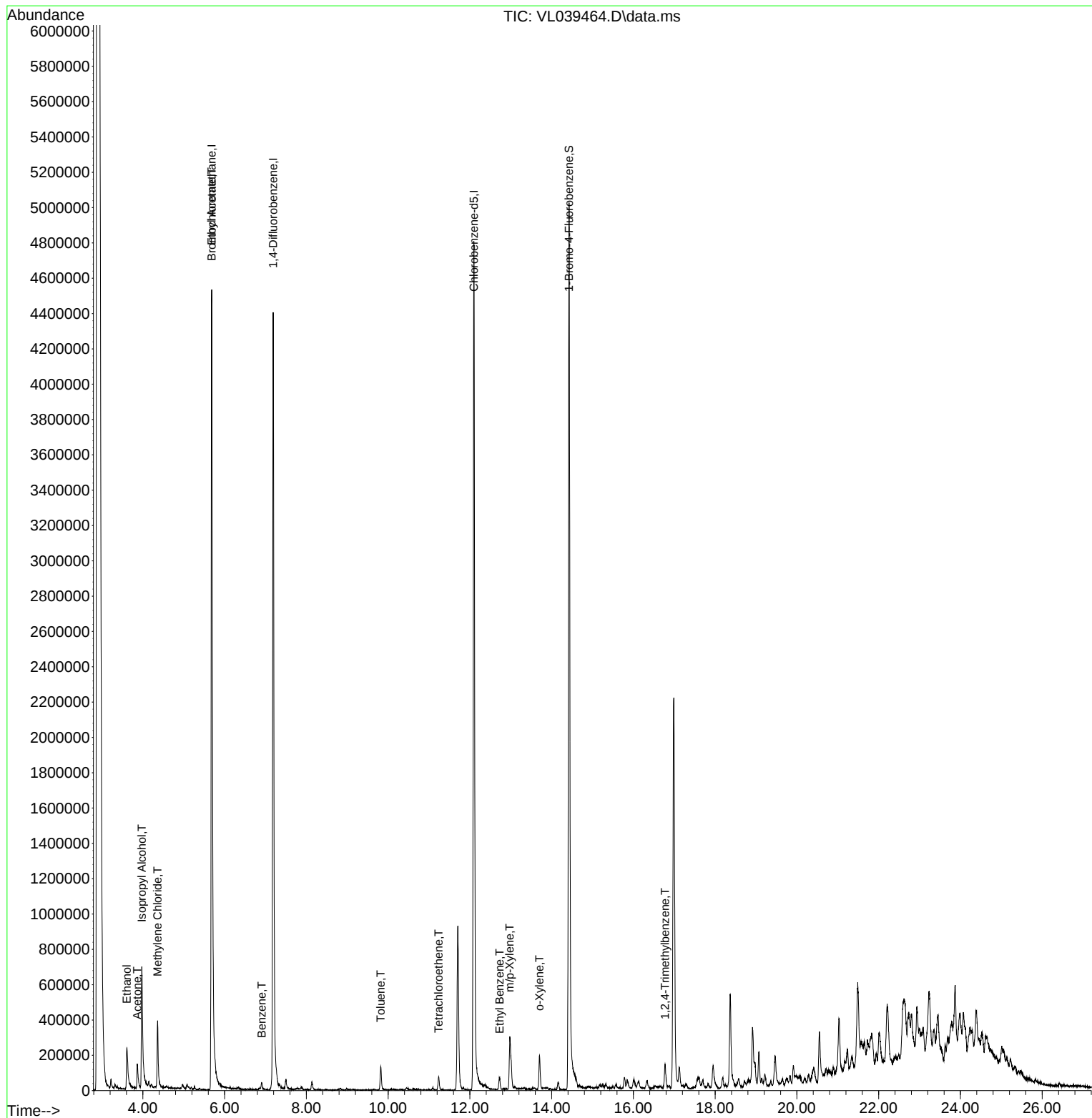
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039464.D
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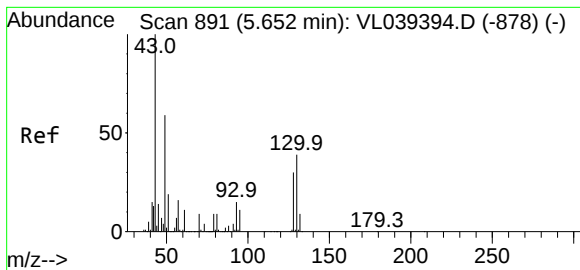
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL

Quant Time: Jul 13 05:58:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations
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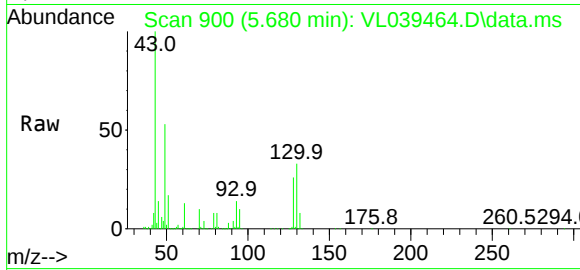
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

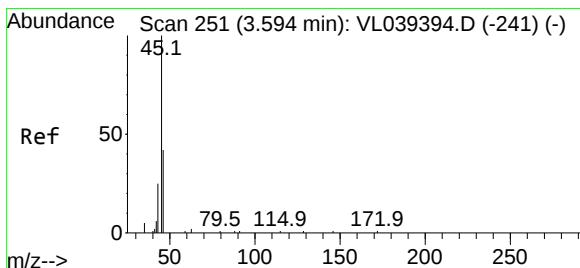
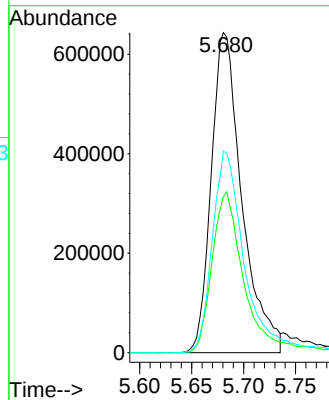
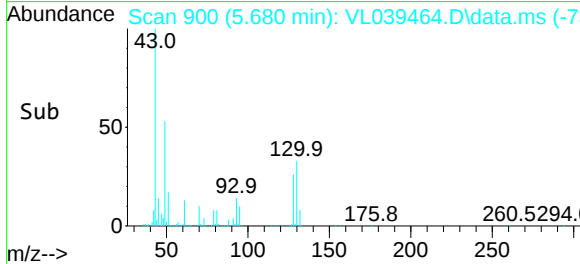
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 49 Resp: 132003
Ion Ratio Lower Upper
49 100
128 54.2 26.7 80.0
130 67.6 34.3 102.8

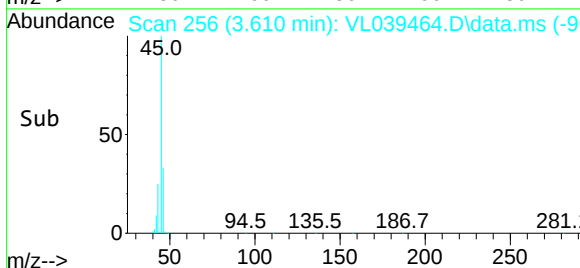
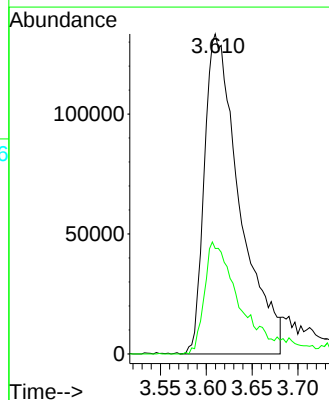
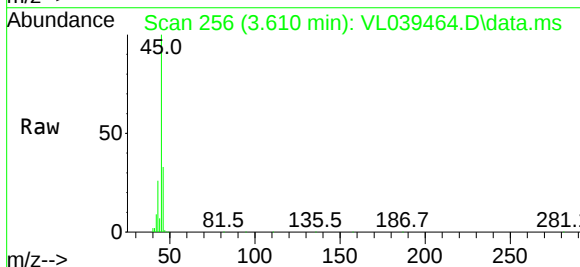
Manual Integrations
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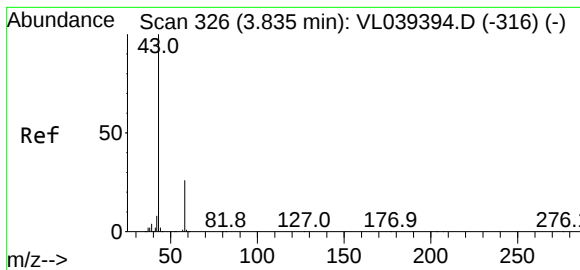
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#13
Ethanol
Concen: 81.408 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.016 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

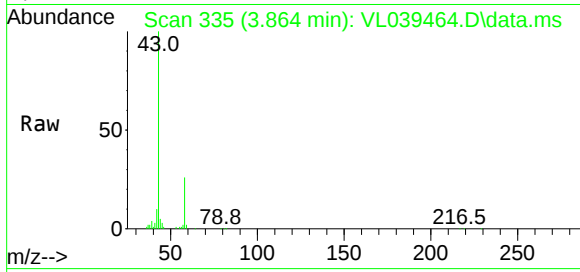
Tgt Ion: 45 Resp: 357211
Ion Ratio Lower Upper
45 100
46 38.2 22.8 91.2





#15
Acetone
Concen: 1.029 ppbv
RT: 3.864 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

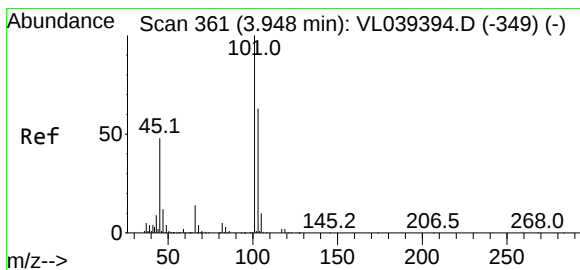
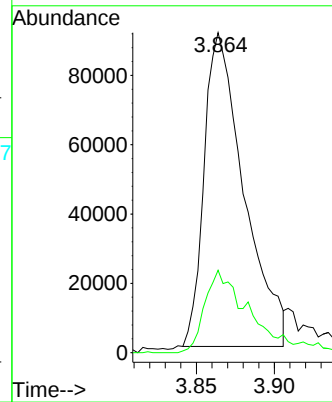
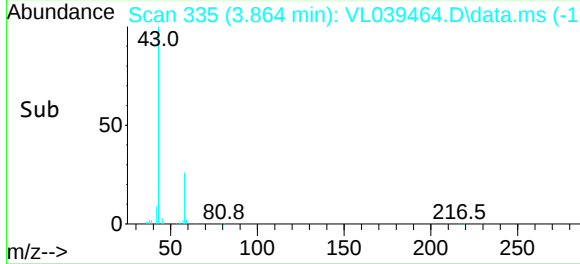
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 43 Resp: 160670
Ion Ratio Lower Upper
43 100
58 30.1 21.0 31.6

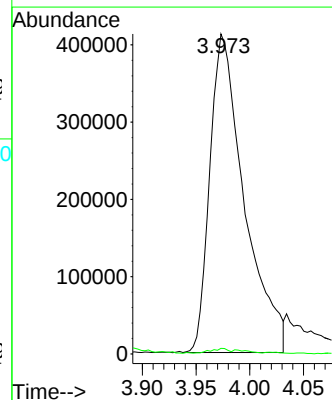
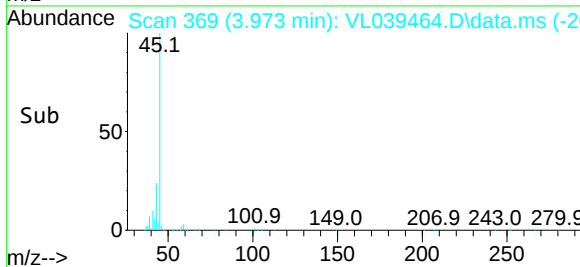
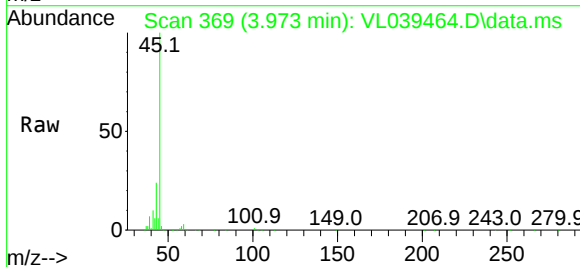
Manual Integrations
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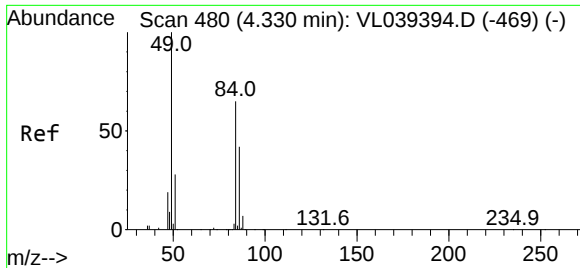
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#19
Isopropyl Alcohol
Concen: 11.026 ppbv
RT: 3.973 min Scan# 369
Delta R.T. 0.026 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

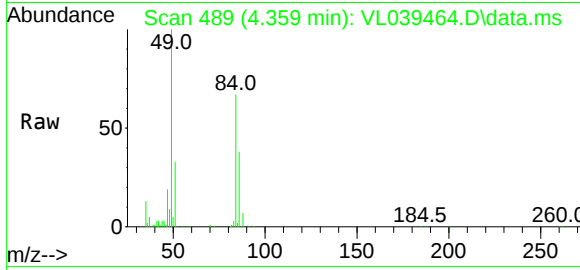
Tgt Ion: 45 Resp: 918514
Ion Ratio Lower Upper
45 100
58 2.3 3.2 4.8#





#20
Methylene Chloride
Concen: 2.370 ppbv
RT: 4.359 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

Instrument :
MSVOA_L
ClientSampleId :
SG-4DL

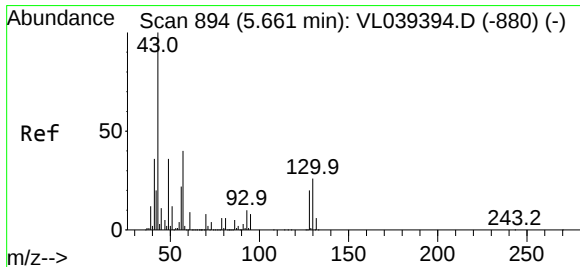
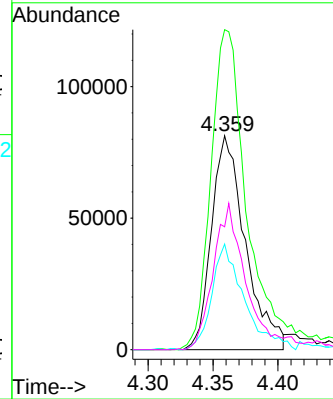
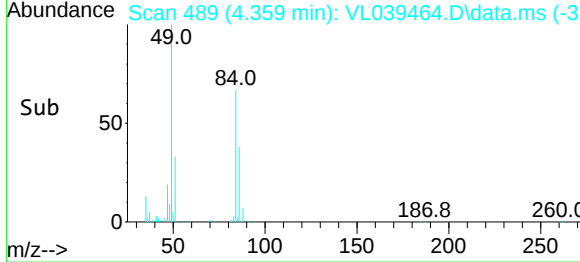


Tgt Ion: 84 Resp: 147509

Ion	Ratio	Lower	Upper
84	100		
49	148.3	123.1	184.7
51	49.4	34.4	51.6
86	57.4	51.1	76.7

Manual Integrations
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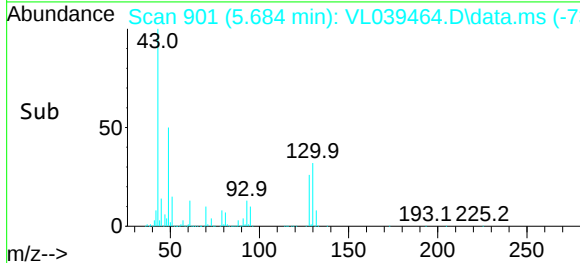
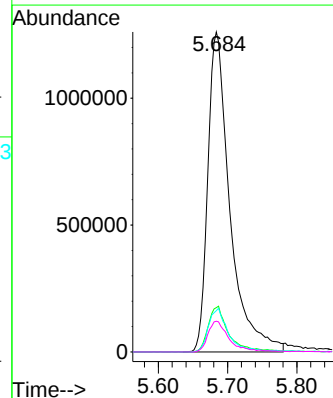
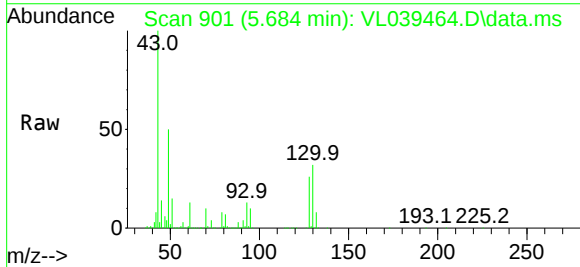
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

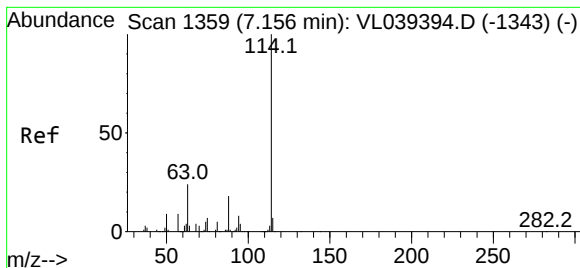


#25
Ethyl Acetate
Concen: 8.725 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

Tgt Ion: 43 Resp: 2794074

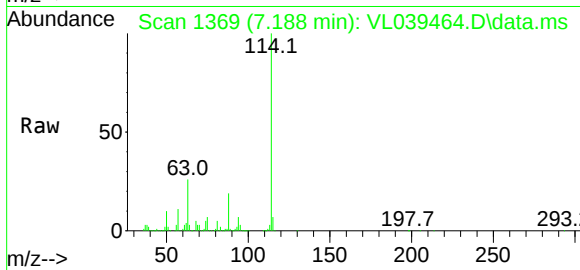
Ion	Ratio	Lower	Upper
43	100		
45	13.6	8.2	12.4#
61	12.8	8.3	12.5#
70	9.3	5.9	8.9#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

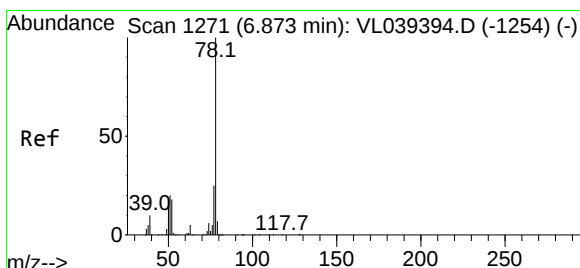
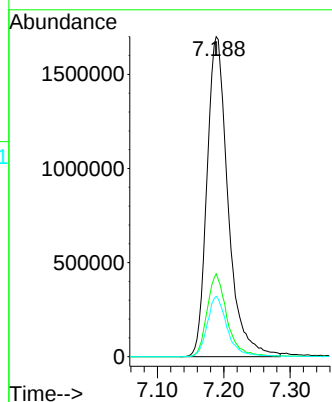
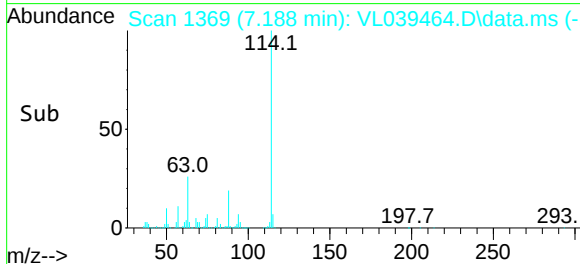
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion:114 Resp: 3757470
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.1 14.5 21.7

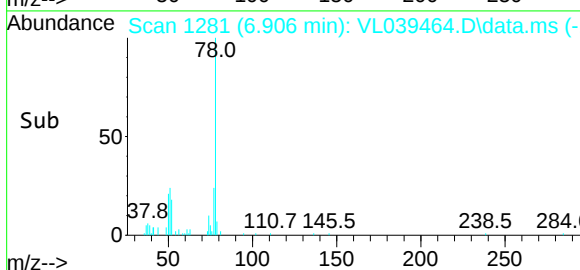
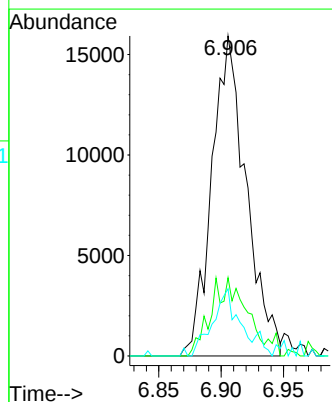
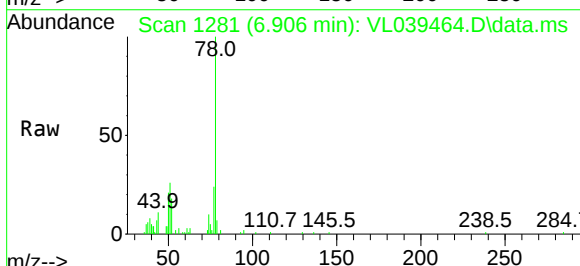
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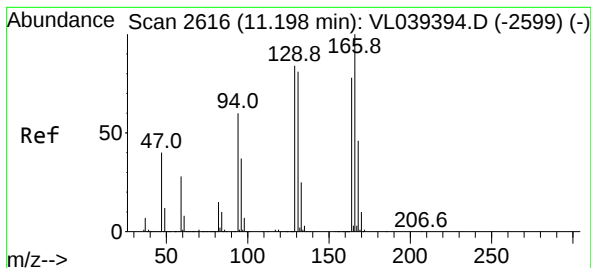
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
Benzene
Concen: 0.105 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

Tgt Ion: 78 Resp: 30653
Ion Ratio Lower Upper
78 100
77 23.0 20.3 30.5
50 19.7 15.5 23.3





#52

Tetrachloroethene

Concen: 0.180 ppbv m

RT: 11.233 min Scan# 2103

Delta R.T. 0.035 min

Lab File: VL039464.D

Acq: 13 Jul 2022 1:58

Instrument :

MSVOA_L

ClientSampleId :

SG-4DL

Tgt Ion:164 Resp: 2103

Ion Ratio Lower Upper

164 100

166 91.1 102.2 153.2

129 84.3 85.8 128.8

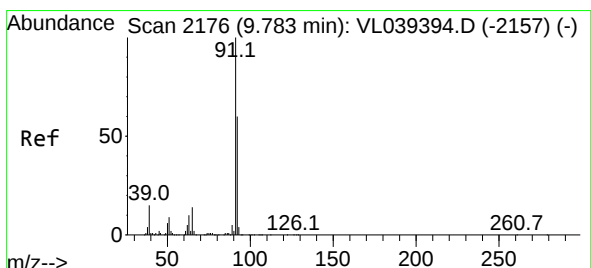
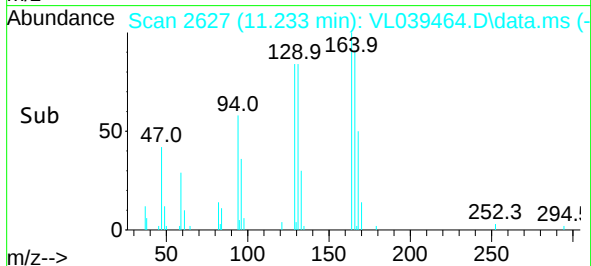
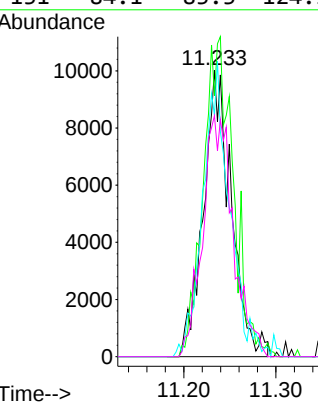
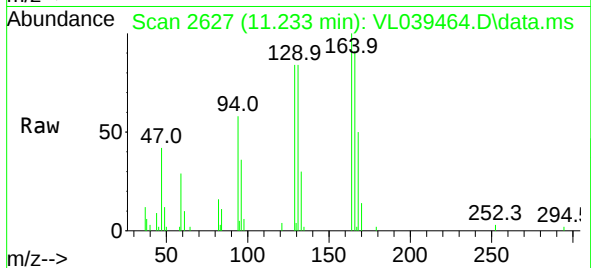
131 84.1 83.3 124.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#53

Toluene

Concen: 0.314 ppbv

RT: 9.819 min Scan# 2187

Delta R.T. 0.035 min

Lab File: VL039464.D

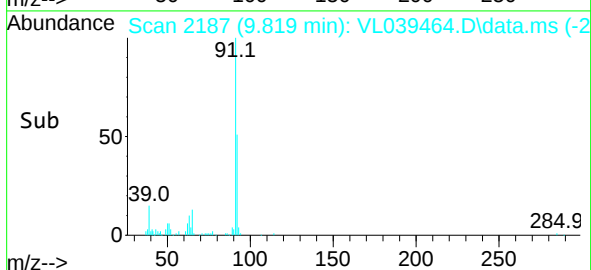
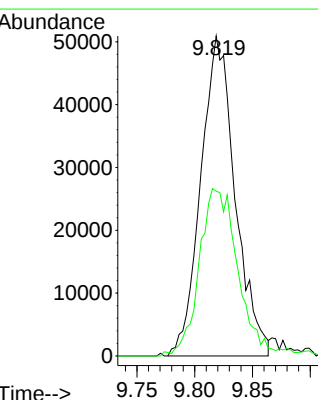
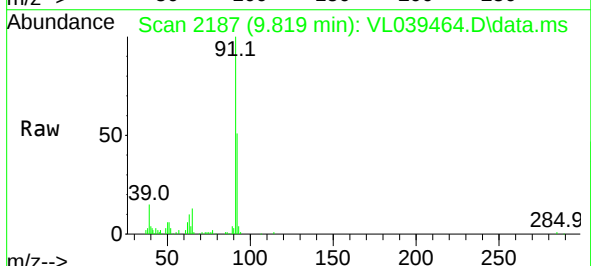
Acq: 13 Jul 2022 1:58

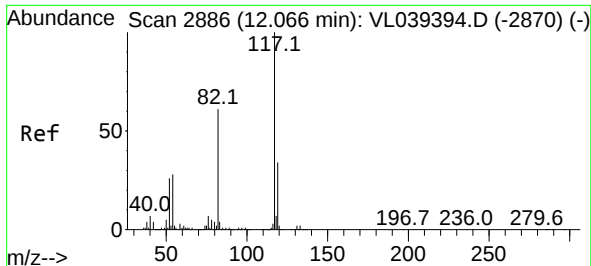
Tgt Ion: 91 Resp: 105378

Ion Ratio Lower Upper

91 100

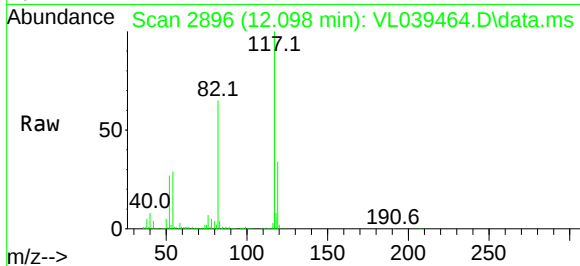
92 60.1 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2886
Delta R.T. 0.032 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

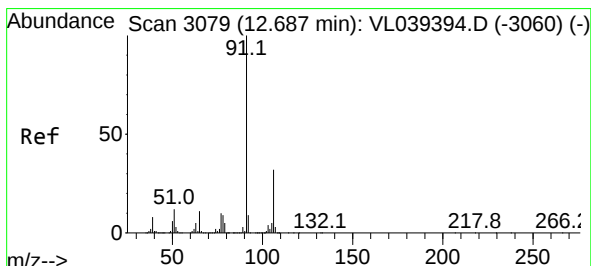
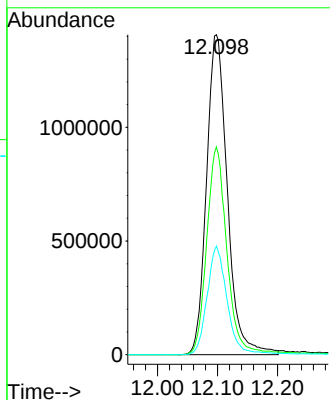
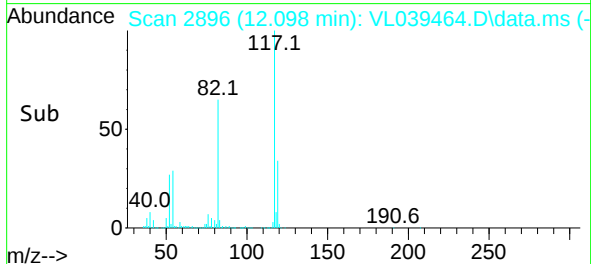
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion:117 Resp: 339969
Ion Ratio Lower Upper
117 100
82 64.2 50.8 76.2
119 32.8 24.1 36.1

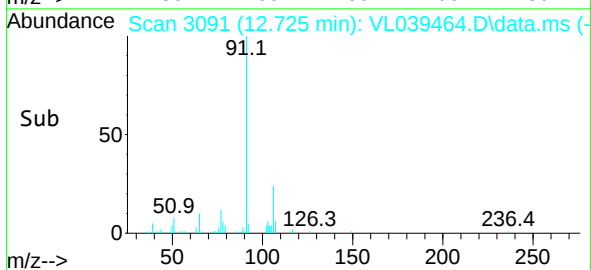
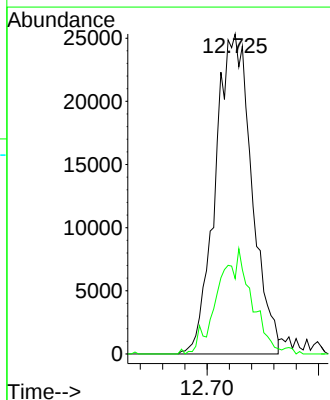
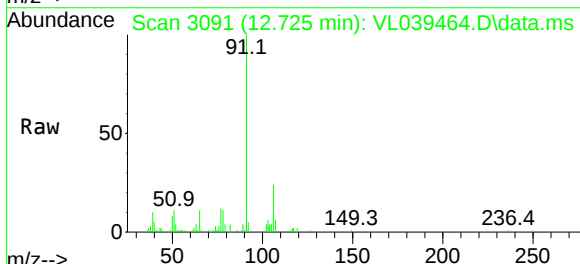
Manual Integrations
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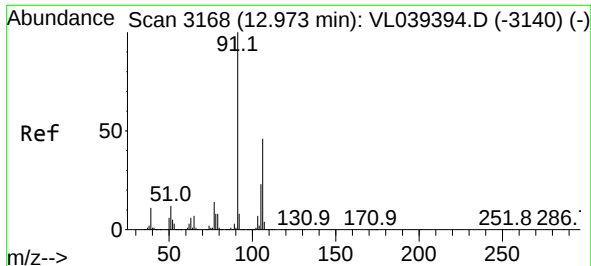
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#58
Ethyl Benzene
Concen: 0.131 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.038 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

Tgt Ion: 91 Resp: 57503
Ion Ratio Lower Upper
91 100
106 23.6 25.4 38.0#





#59

m/p-Xylene

Concen: 0.803 ppbv

RT: 12.976 min Scan# 3169

Delta R.T. 0.003 min

Lab File: VL039464.D

Acq: 13 Jul 2022 1:58

Instrument :

MSVOA_L

ClientSampleId :

SG-4DL

Tgt Ion: 91 Resp: 31074

Ion Ratio Lower Upper

91 100

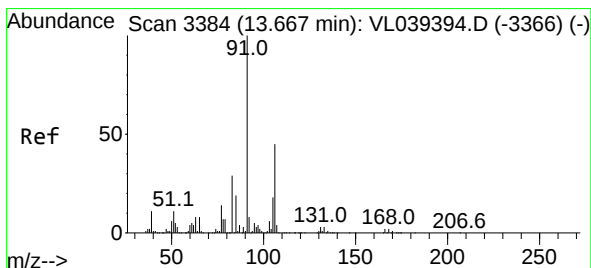
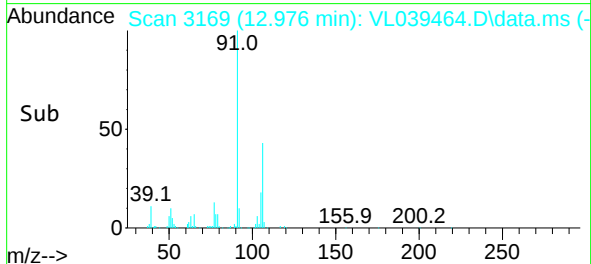
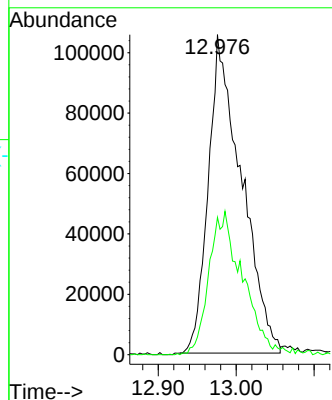
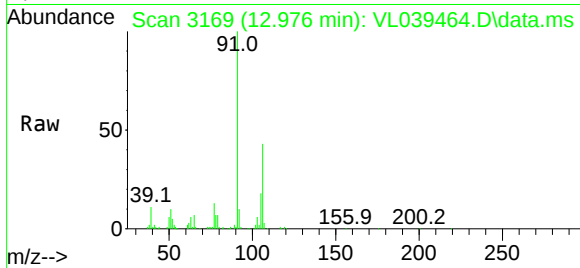
106 46.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

o-Xylene

Concen: 0.405 ppbv

RT: 13.703 min Scan# 3395

Delta R.T. 0.035 min

Lab File: VL039464.D

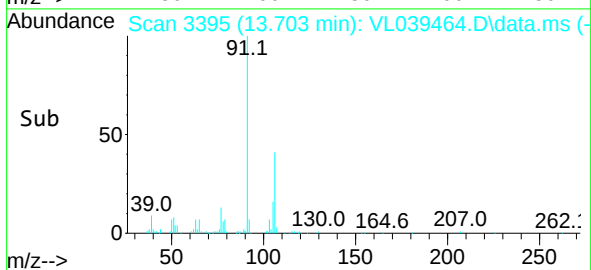
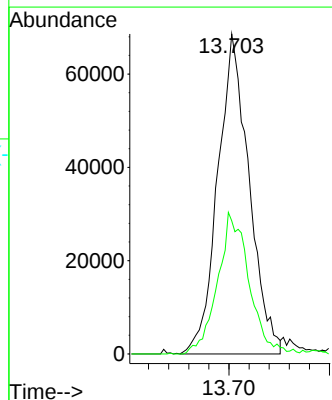
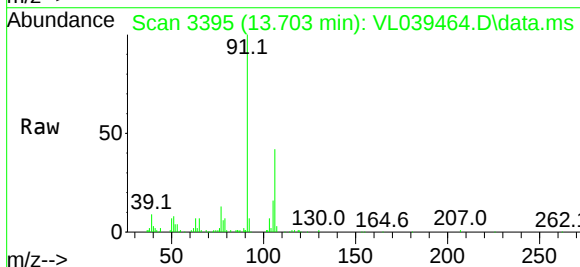
Acq: 13 Jul 2022 1:58

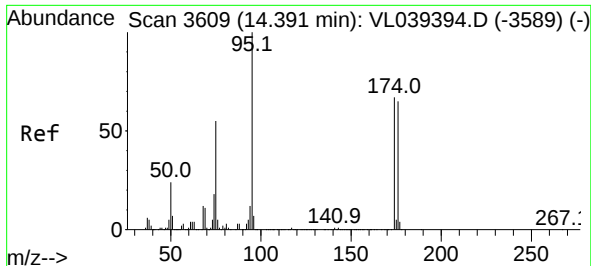
Tgt Ion: 91 Resp: 148338

Ion Ratio Lower Upper

91 100

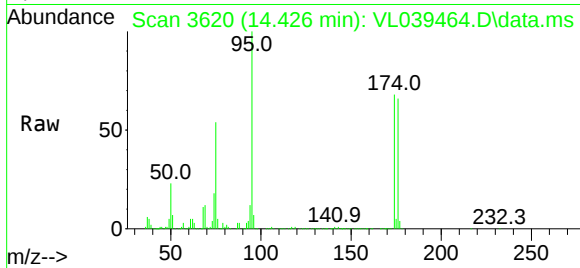
106 44.3 22.4 67.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.191 ppbv
RT: 14.426 min Scan# 3609
Delta R.T. 0.035 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58

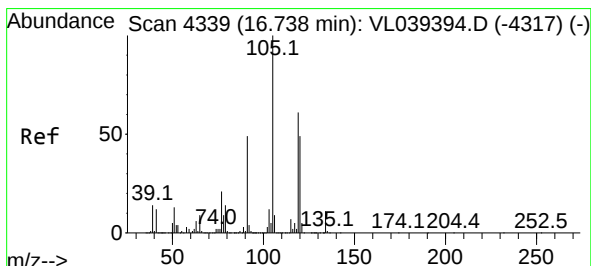
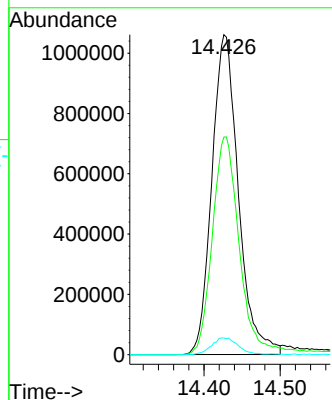
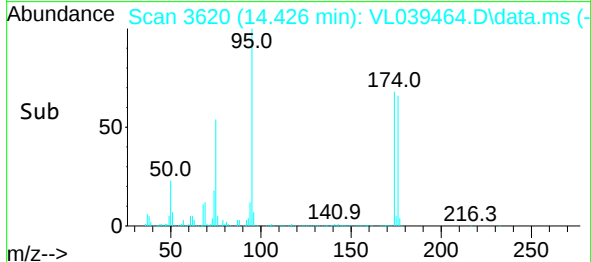
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



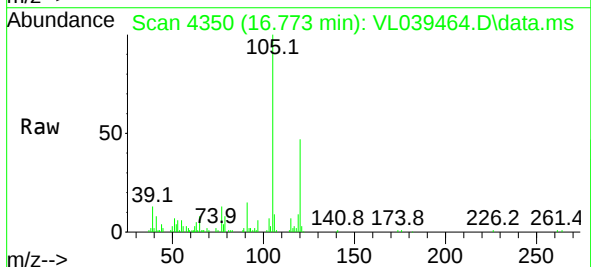
Tgt Ion: 95 Resp: 2570369
Ion Ratio Lower Upper
95 100
174 72.0 55.9 83.9
175 5.5 4.2 6.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.232 ppbv
RT: 16.773 min Scan# 4350
Delta R.T. 0.035 min
Lab File: VL039464.D
Acq: 13 Jul 2022 1:58



Tgt Ion:105 Resp: 101419
Ion Ratio Lower Upper
105 100
120 47.0 39.5 59.3
91 13.8 39.2 58.8#
77 12.8 17.2 25.8#

