

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039287.D
 Acq On : 14 Jun 2022 19:25
 Operator : SY/AP
 Sample : N3306-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:20:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0

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	5.674	49	1329271	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3721607	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3260601	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2501326	9.279	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						Qvalue
9) Propene	3.025	41	23085m	0.313	ppbv	
13) Ethanol	3.607	45	31296m	7.781	ppbv	
15) Acetone	3.854	43	286948	2.072	ppbv	96
19) Isopropyl Alcohol	3.976	45	34809m	0.536	ppbv	
20) Methylene Chloride	4.353	84	77604	1.330	ppbv	98
26) Hexane	5.700	57	61819	0.451	ppbv #	39
34) 2-Butanone	5.256	43	35019m	0.173	ppbv	
52) Tetrachloroethene	11.220	164	14785m	0.125	ppbv	
53) Toluene	9.809	91	34203m	0.098	ppbv	
59) m/p-Xylene	12.970	91	71478m	0.181	ppbv	
60) o-Xylene	13.696	91	38792m	0.104	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	90718m	0.207	ppbv	

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

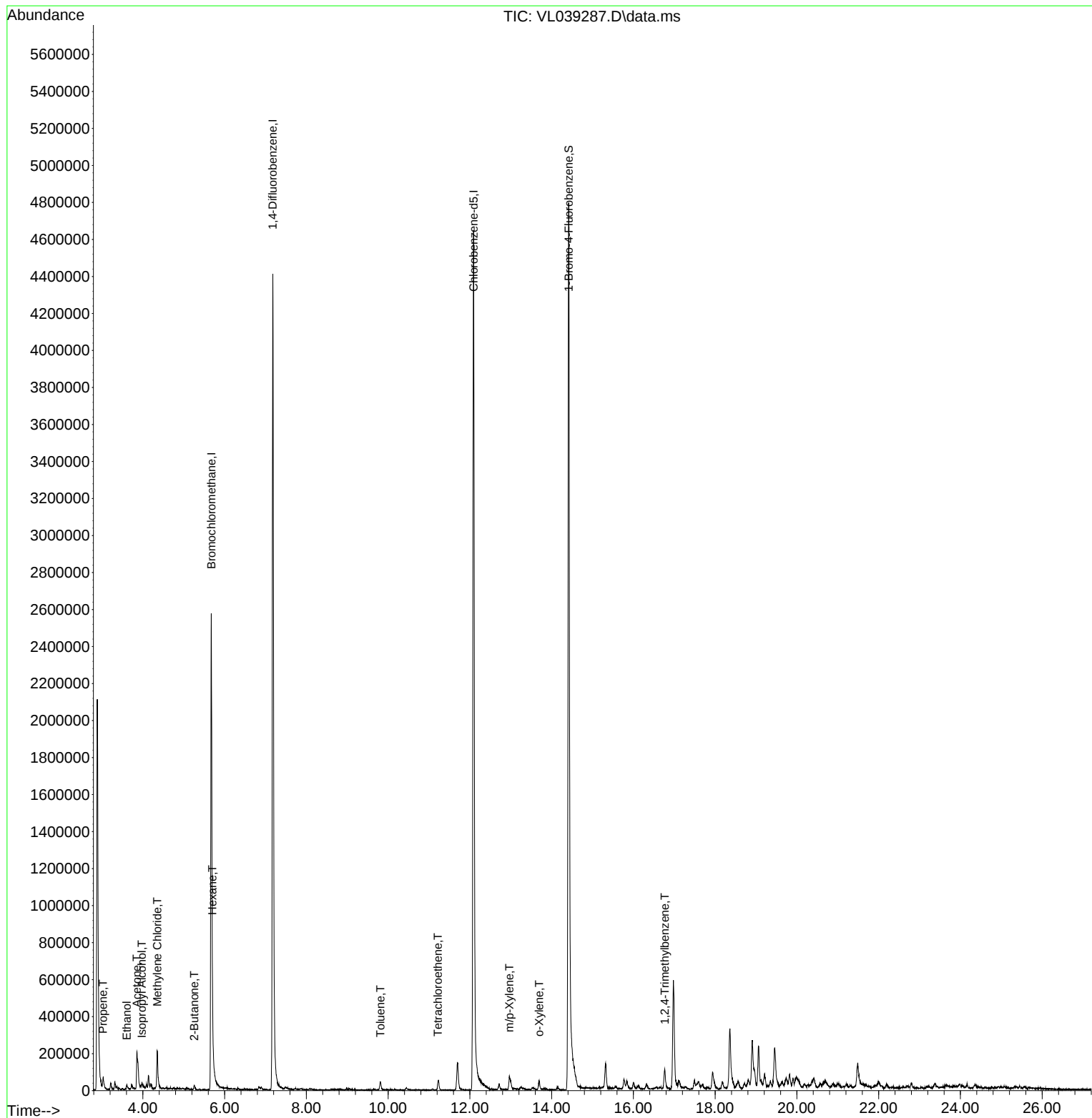
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
Data File : VL039287.D
Acq On : 14 Jun 2022 19:25
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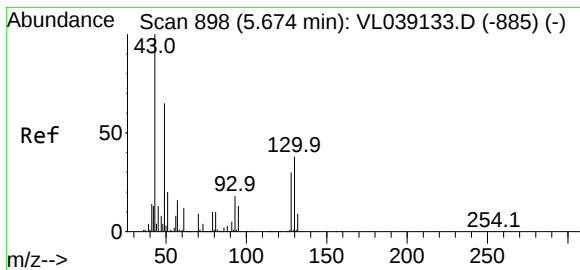
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Quant Time: Jun 15 03:20:27 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

Manual Integrations
APPROVED

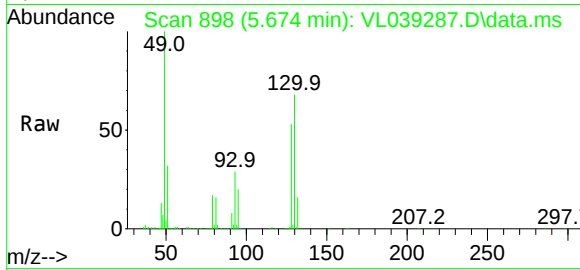
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

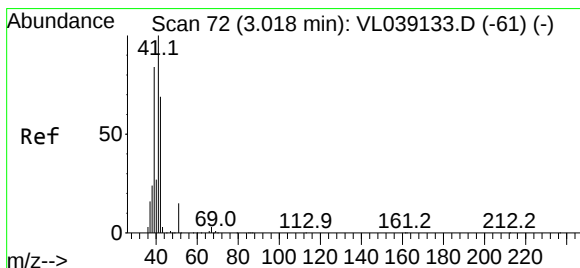
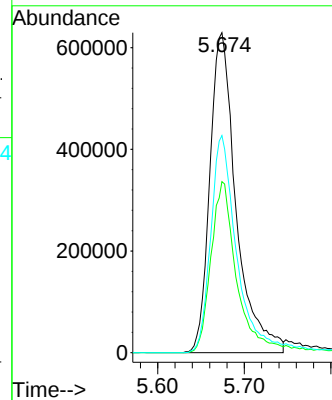
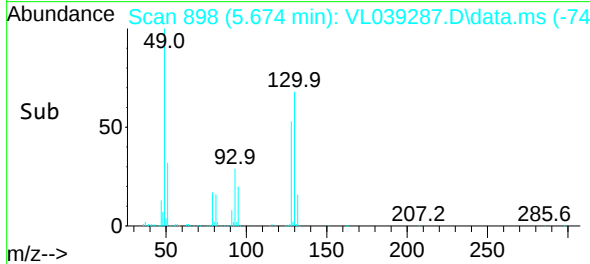
Instrument : MSVOA_L
ClientSampleId : SS-1DL



Tgt Ion: 49 Resp: 132927
Ion Ratio Lower Upper
49 100
128 54.7 24.7 74.1
130 70.6 31.4 94.0

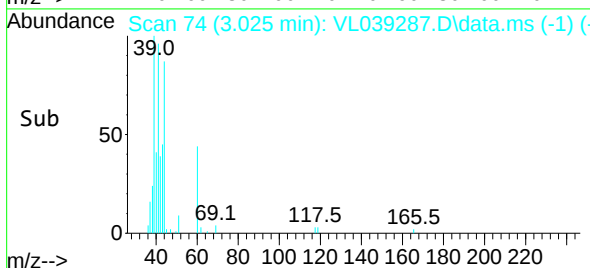
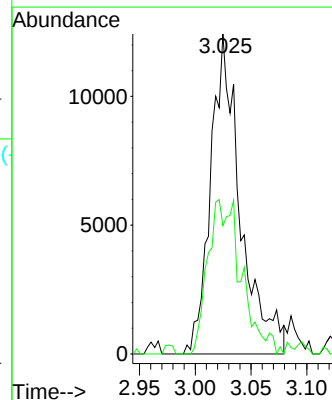
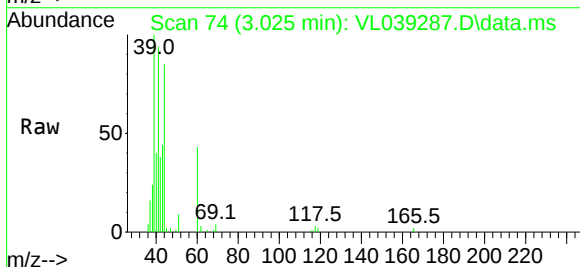
Manual Integrations
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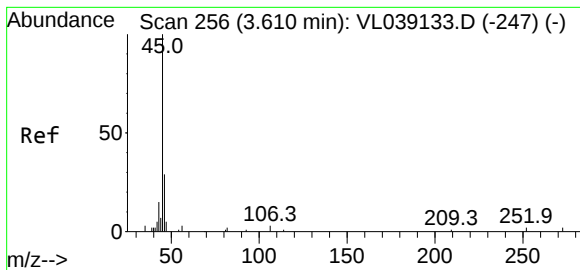
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#9
Propene
Concen: 0.313 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

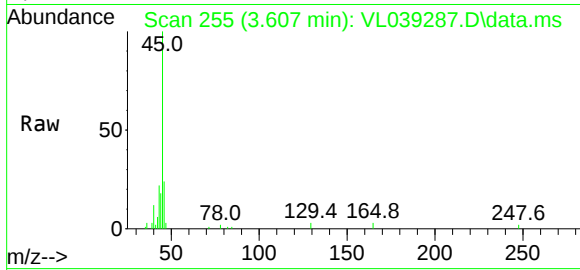
Tgt Ion: 41 Resp: 23085
Ion Ratio Lower Upper
41 100
42 7.6 55.4 83.2#





#13
Ethanol
Concen: 7.781 ppbv m
RT: 3.607 min Scan# 256
Delta R.T. -0.003 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

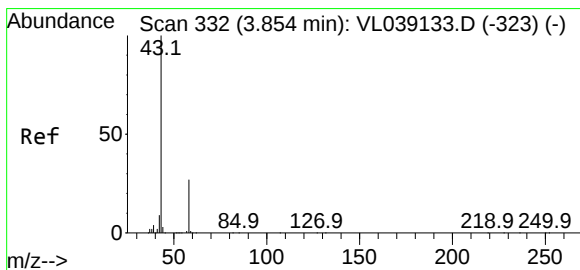
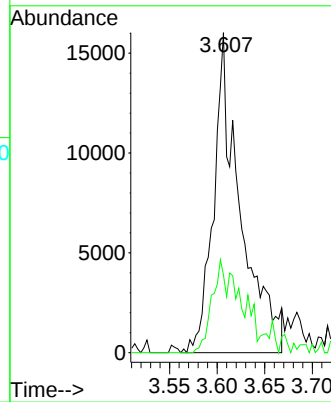
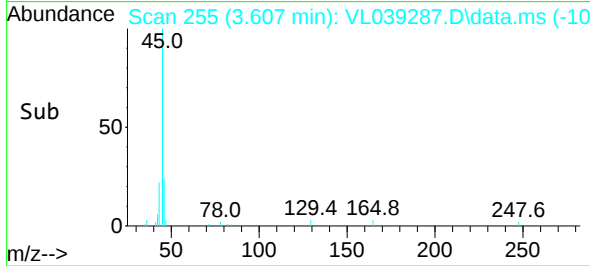
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



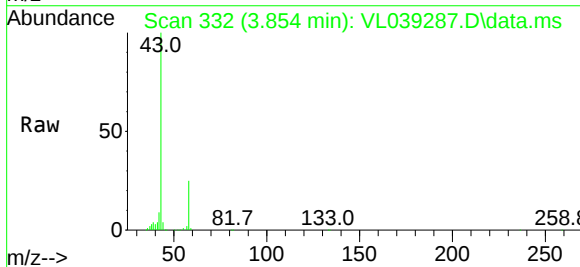
Tgt Ion: 45 Resp: 31290
Ion Ratio Lower Upper
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46 37.1 0.0 0.0

Manual Integrations
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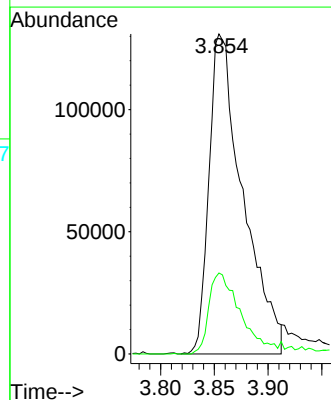
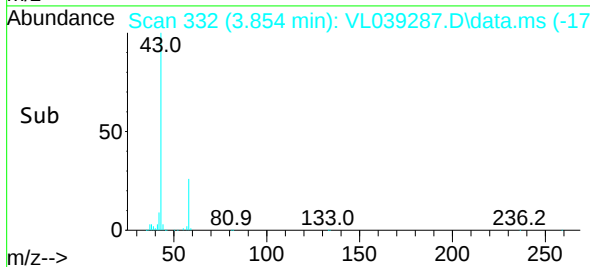
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

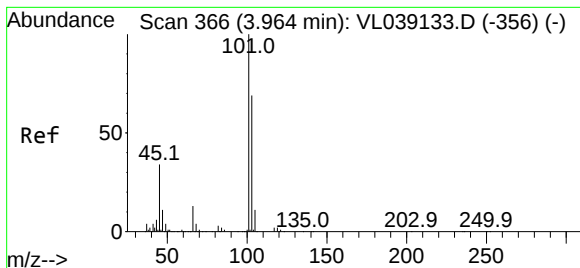


#15
Acetone
Concen: 2.072 ppbv
RT: 3.854 min Scan# 332
Delta R.T. -0.000 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25



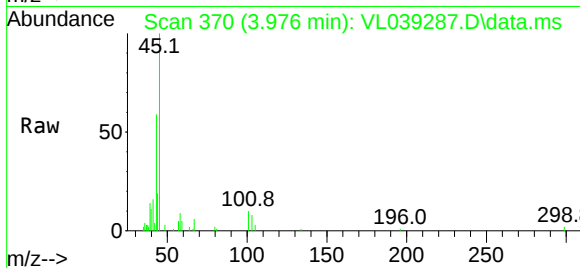
Tgt Ion: 43 Resp: 286948
Ion Ratio Lower Upper
43 100
58 26.0 22.5 33.7





#19
Isopropyl Alcohol
Concen: 0.536 ppbv m
RT: 3.976 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

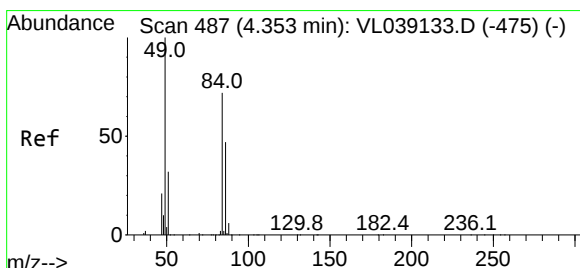
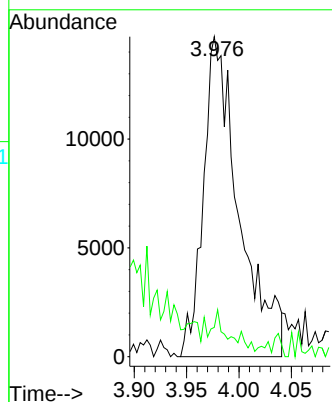
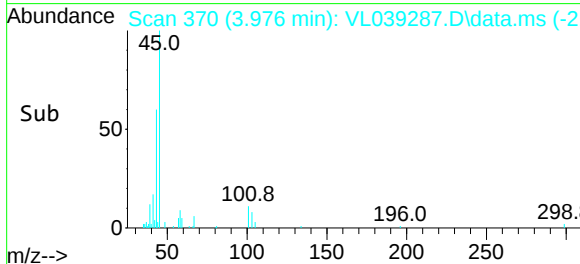
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



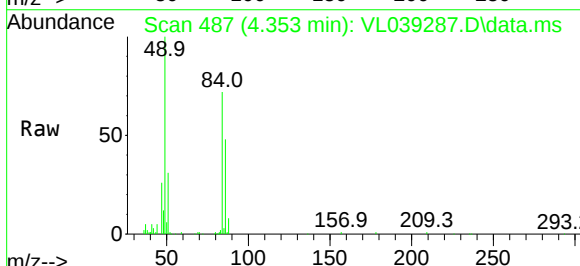
Tgt Ion: 45 Resp: 34809
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

Manual Integrations
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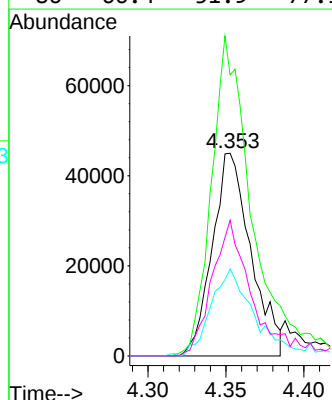
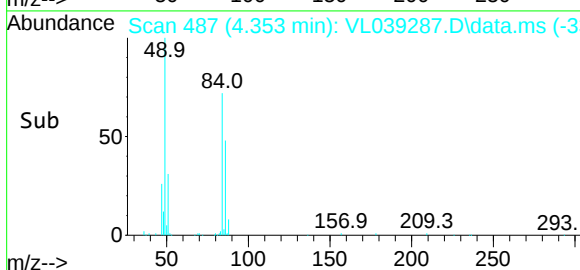
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

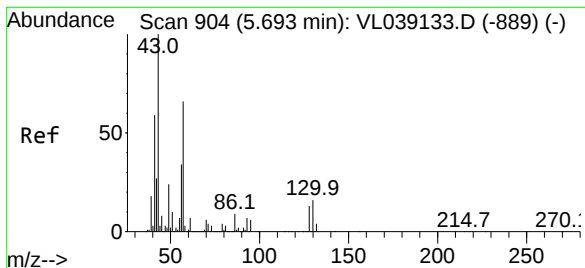


#20
Methylene Chloride
Concen: 1.330 ppbv
RT: 4.353 min Scan# 487
Delta R.T. -0.000 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25



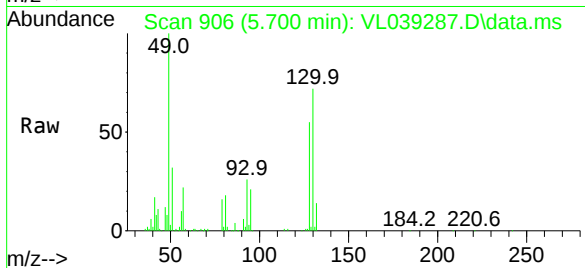
Tgt Ion: 84 Resp: 77604
Ion Ratio Lower Upper
84 100
49 137.1 111.1 166.7
51 42.9 35.3 52.9
86 66.4 51.9 77.9





#26
Hexane
Concen: 0.451 ppbv
RT: 5.700 min Scan# 904
Delta R.T. 0.006 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

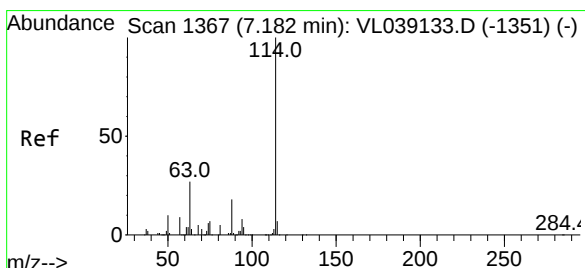
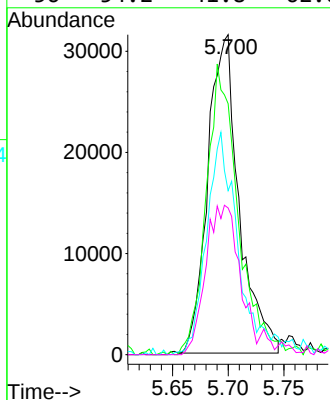
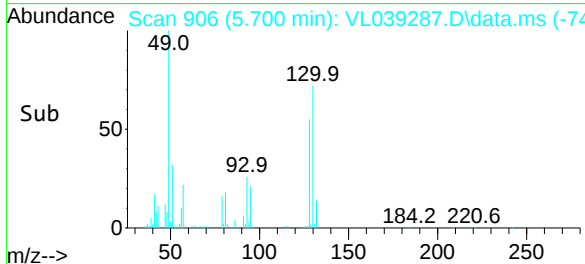
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



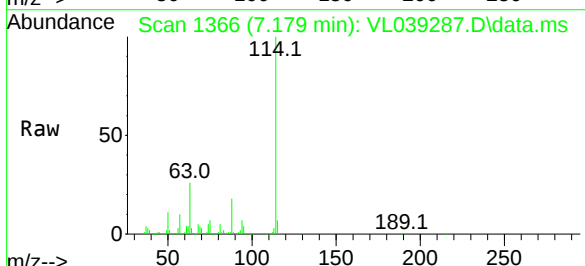
Tgt Ion: 57 Resp: 61819
Ion Ratio Lower Upper
57 100
41 94.8 72.4 108.6
43 73.7 187.0 280.6
56 54.2 41.8 62.6

Manual Integrations
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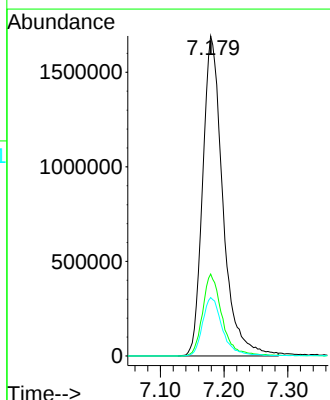
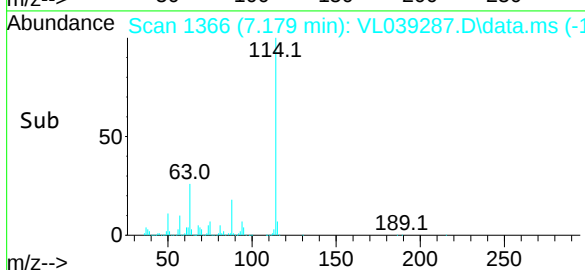
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Supervised By :Mahesh Dadoda 06/16/2022

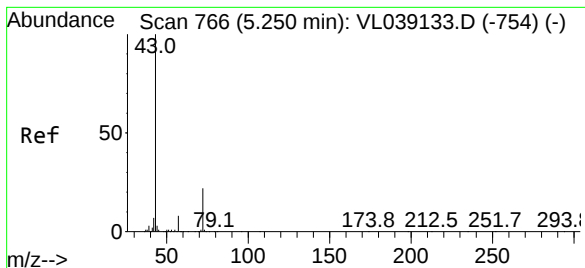


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25



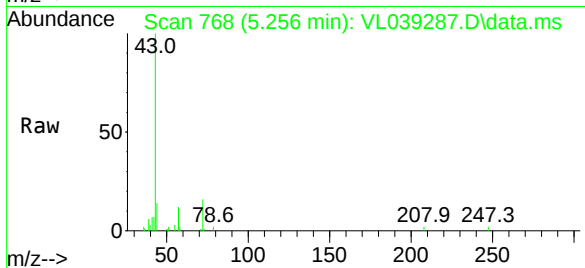
Tgt Ion:114 Resp: 3721607
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.2 14.8 22.2





#34
2-Butanone
Concen: 0.173 ppbv m
RT: 5.256 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

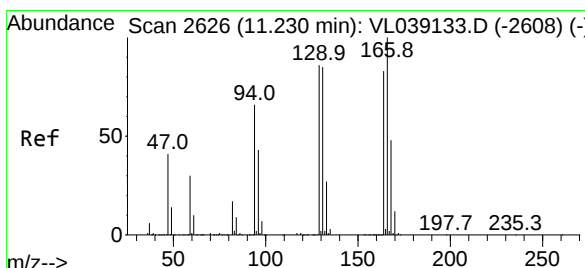
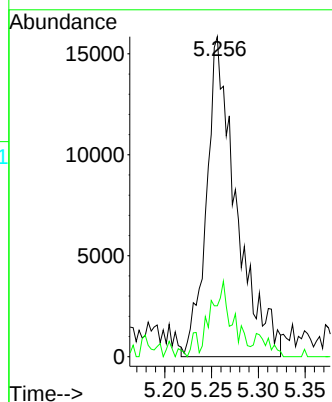
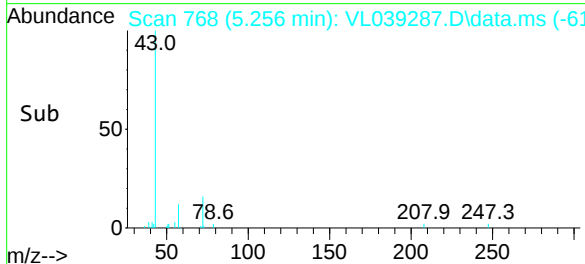
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



Tgt Ion: 43 Resp: 35019
Ion Ratio Lower Upper
43 100
72 18.7 18.2 27.2

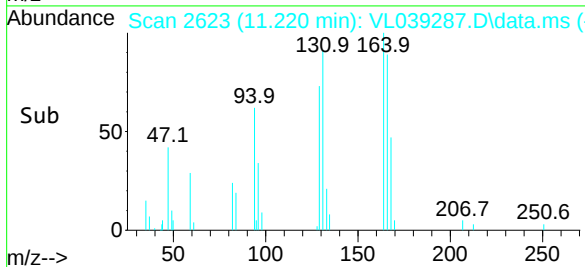
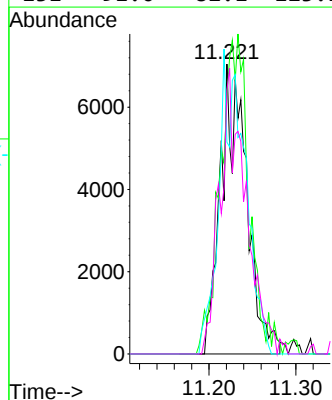
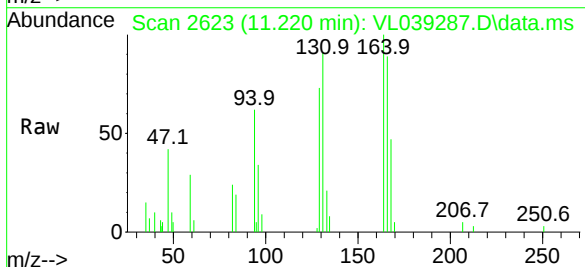
Manual Integrations
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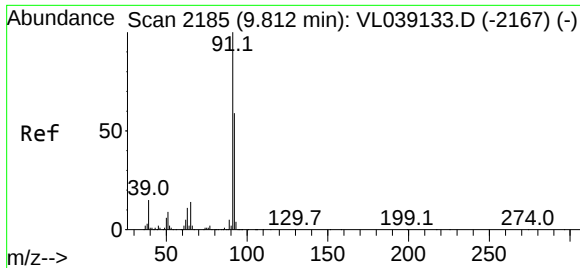
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#52
Tetrachloroethene
Concen: 0.125 ppbv m
RT: 11.220 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

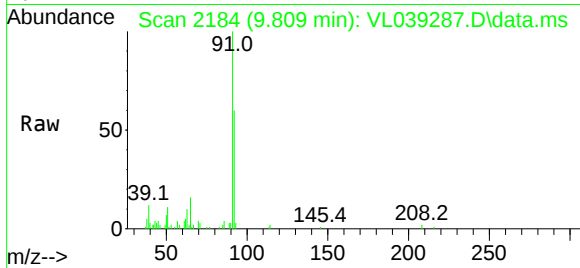
Tgt Ion:164 Resp: 14785
Ion Ratio Lower Upper
164 100
166 89.0 96.3 144.5#
129 73.1 82.5 123.7#
131 91.0 82.1 123.1





#53
Toluene
Concen: 0.098 ppbv m
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

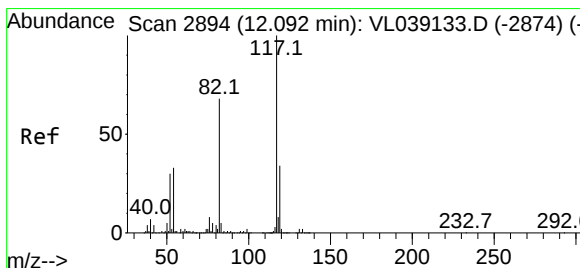
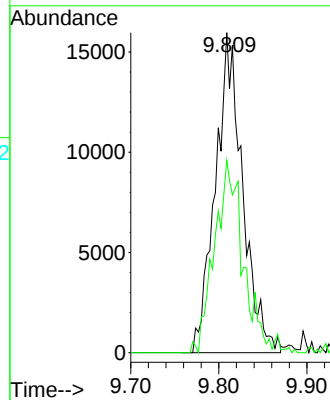
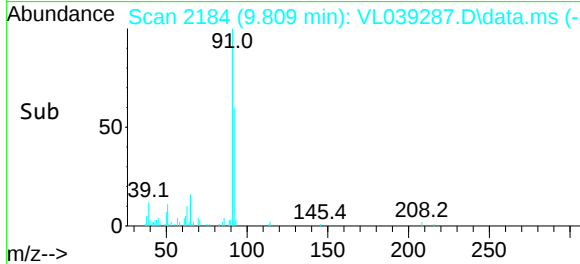
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



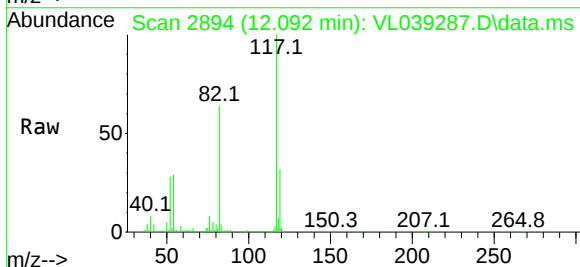
Tgt Ion: 91 Resp: 3420
Ion Ratio Lower Upper
91 100
92 63.6 48.1 72.1

Manual Integrations
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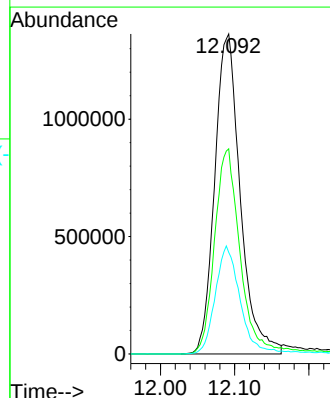
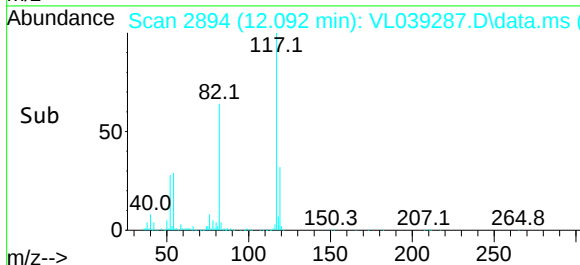
Reviewed By :Semsettin Yesilyurt 06/16/2022
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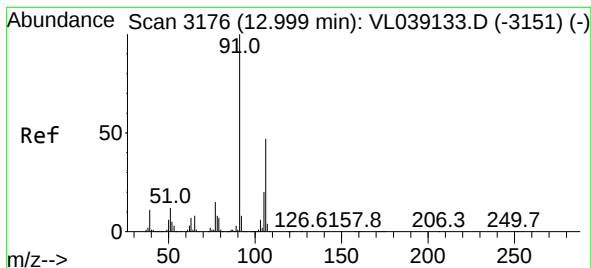


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25



Tgt Ion:117 Resp: 3260601
Ion Ratio Lower Upper
117 100
82 65.6 55.1 82.7
119 34.0 24.7 37.1





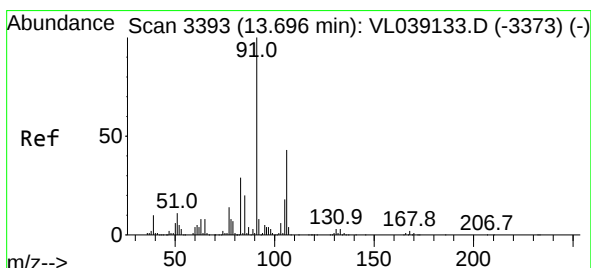
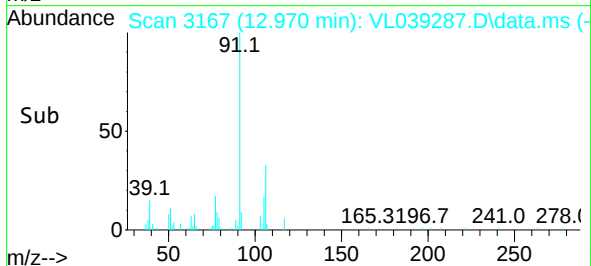
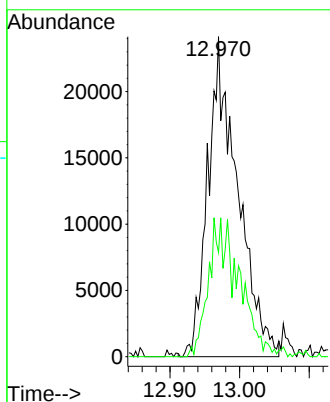
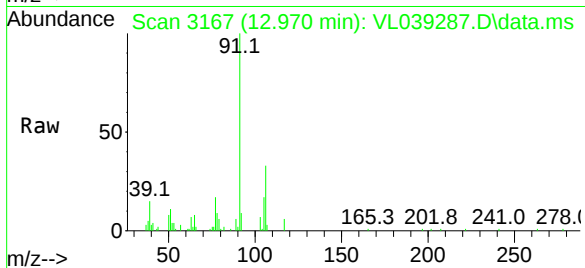
#59
m/p-Xylene
Concen: 0.181 ppbv m
RT: 12.970 min Scan# 3176
Delta R.T. -0.029 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tgt Ion: 91 Resp: 71478
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5

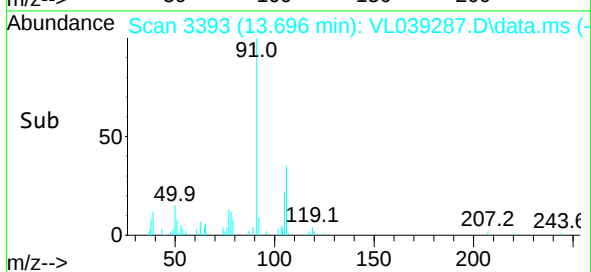
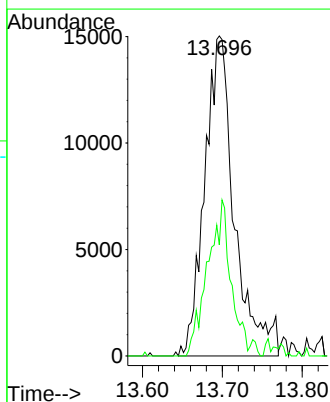
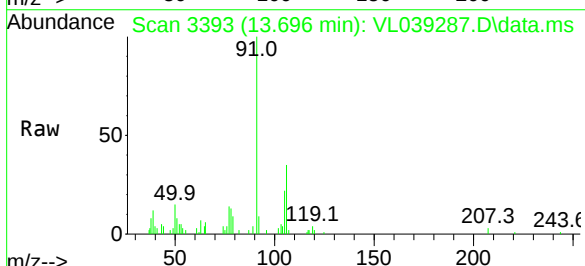
Manual Integrations
APPROVED

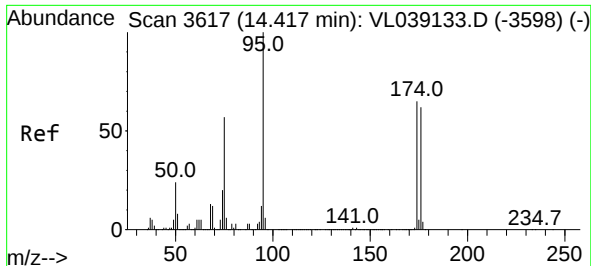
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#60
o-Xylene
Concen: 0.104 ppbv m
RT: 13.696 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VL039287.D
Acq: 14 Jun 2022 19:25

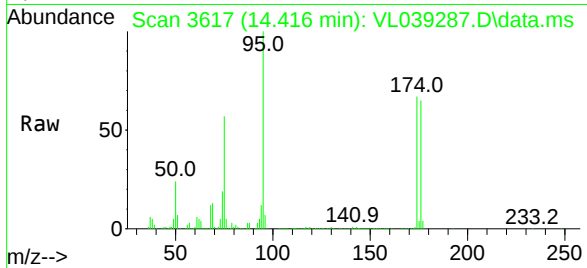
Tgt Ion: 91 Resp: 38792
Ion Ratio Lower Upper
91 100
106 38.9 22.3 66.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.279 ppbv
 RT: 14.416 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL039287.D
 Acq: 14 Jun 2022 19:25

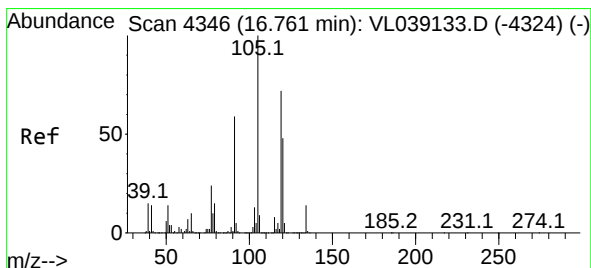
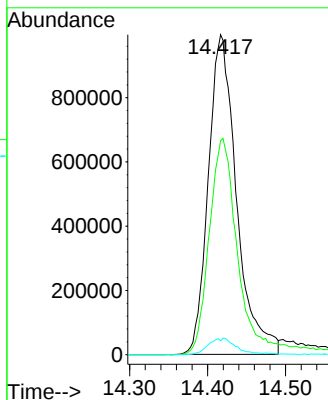
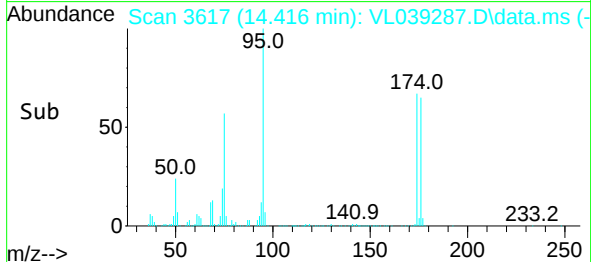
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL



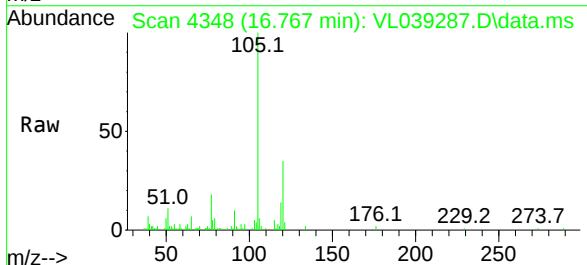
Tgt Ion: 95 Resp: 2501320
 Ion Ratio Lower Upper
 95 100
 174 72.0 53.8 80.8
 175 5.3 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.207 ppbv m
 RT: 16.767 min Scan# 4348
 Delta R.T. 0.006 min
 Lab File: VL039287.D
 Acq: 14 Jun 2022 19:25



Tgt Ion:105 Resp: 90718
 Ion Ratio Lower Upper
 105 100
 120 34.7 38.1 57.1#
 91 10.1 47.4 71.0#
 77 17.7 19.5 29.3#

