

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039770.D
 Acq On : 24 Oct 2022 23:33
 Operator : SY/AP
 Sample : N5227-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 15:01:21 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	921352	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2420125	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2089388	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1474008	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
4) Chloromethane	2.832	50	27063	0.391	ppbv	99
13) Ethanol	3.259	45	172676	50.561	ppbv	92
15) Acetone	3.484	43	615247m	5.591	ppbv	
20) Methylene Chloride	3.951	84	188625	4.505	ppbv #	88
26) Hexane	5.224	57	171176	1.913	ppbv #	37
36) Benzene	6.372	78	76948	0.413	ppbv	92
44) 2,2,4-Trimethylpentane	7.330	57	123441m	0.396	ppbv	
53) Toluene	9.217	91	232129	1.189	ppbv	99
58) Ethyl Benzene	12.082	91	42506m	0.179	ppbv	
59) m/p-Xylene	12.346	91	136877m	0.637	ppbv	
60) o-Xylene	13.053	91	47057m	0.234	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	55366	0.235	ppbv #	63

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

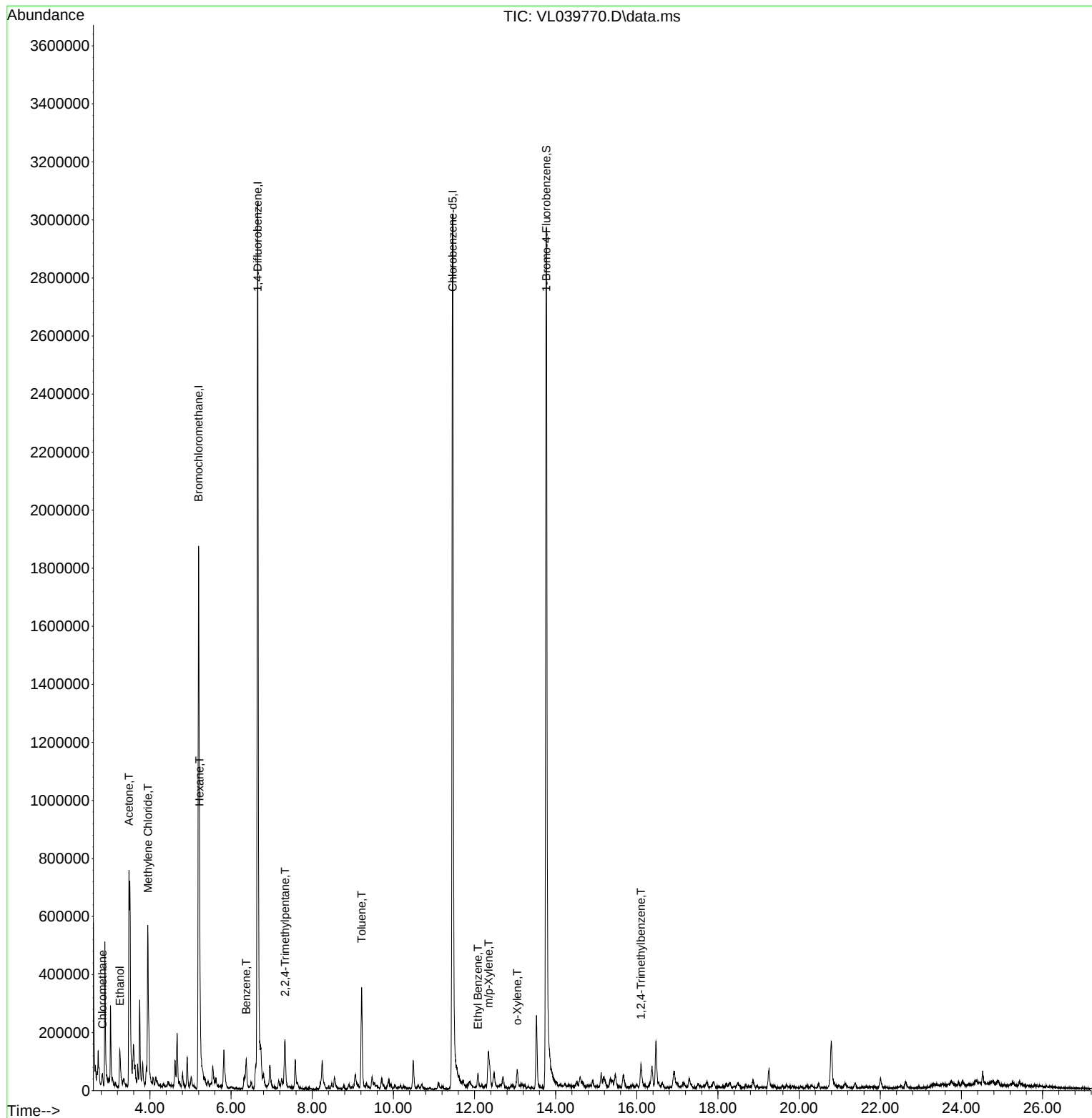
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039770.D
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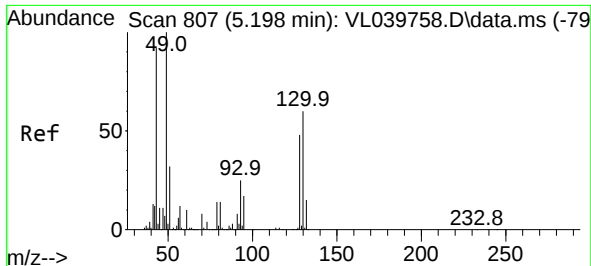
Instrument :
MSVOA_L
ClientSampleId :
A

Quant Time: Oct 25 15:01:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 10/31/2022





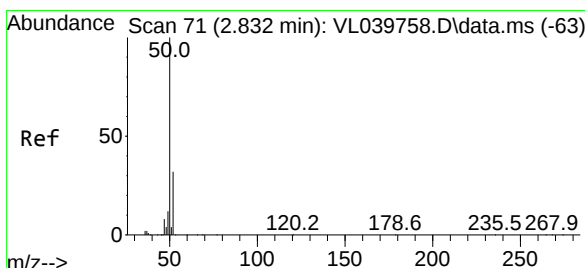
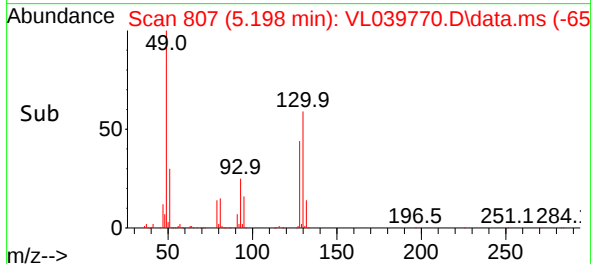
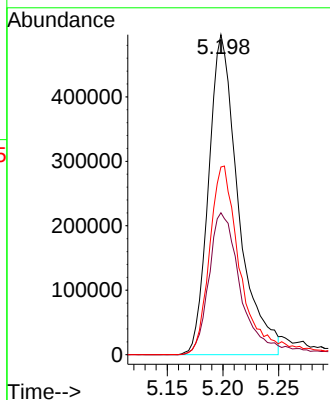
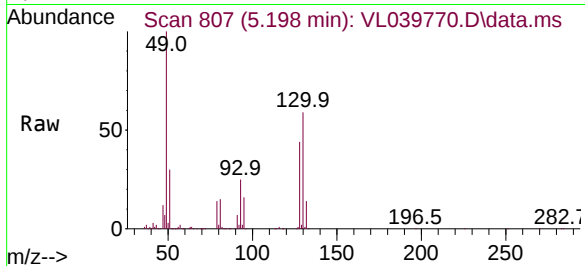
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

Instrument :
MSVOA_L
ClientSampleId :
A

Tgt Ion: 49 Resp: 921352
Ion Ratio Lower Upper
49 100
128 50.4 24.6 74.0
130 63.7 31.8 95.3

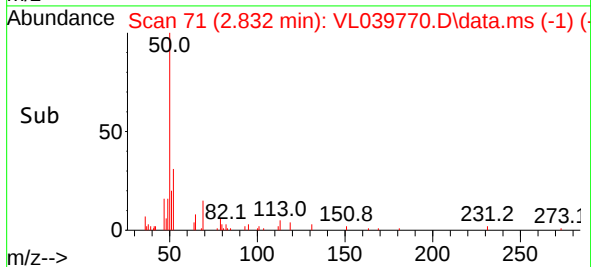
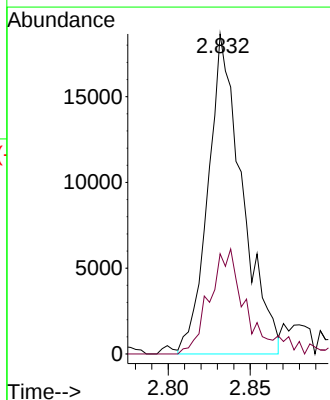
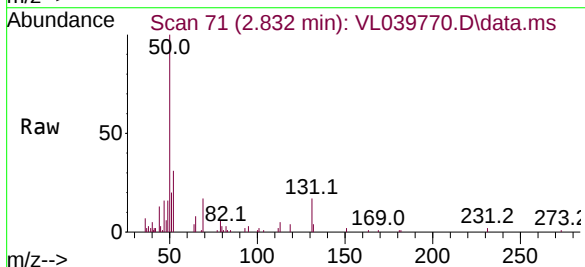
Manual Integrations
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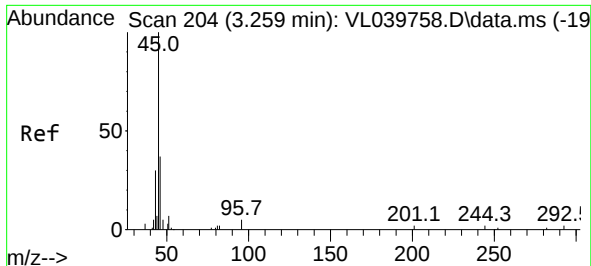
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 0.391 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

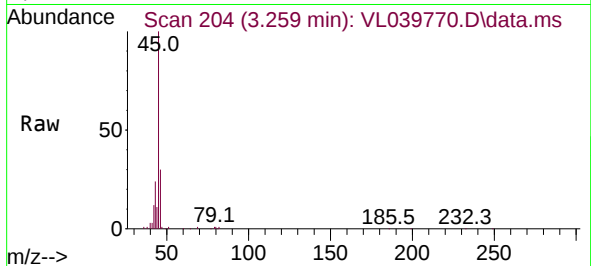
Tgt Ion: 50 Resp: 27063
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9





#13
Ethanol
Concen: 50.561 ppbv
RT: 3.259 min Scan# 204
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

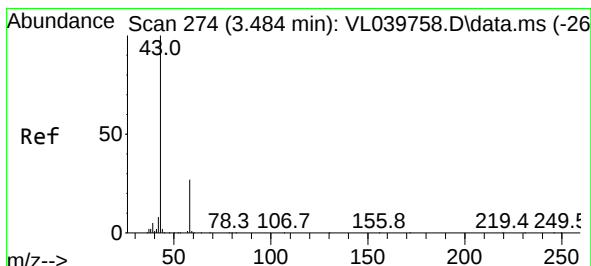
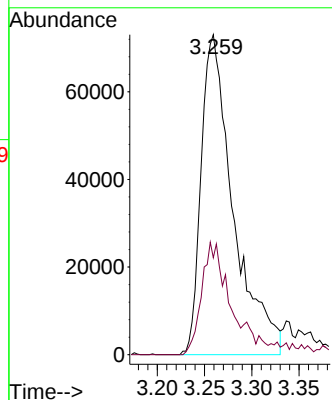
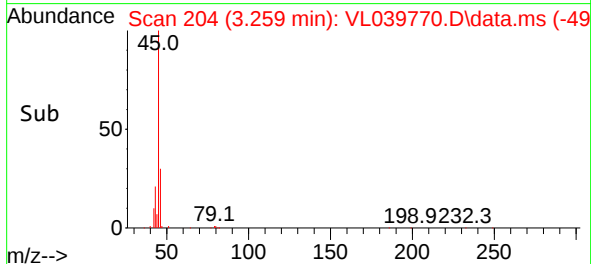
Instrument :
MSVOA_L
ClientSampleId :
A



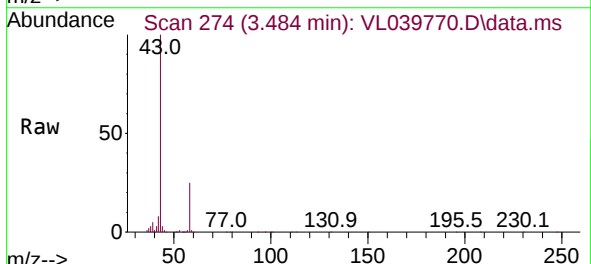
Tgt Ion: 45 Resp: 172670
Ion Ratio Lower Upper
45 100
46 33.6 15.3 61.3

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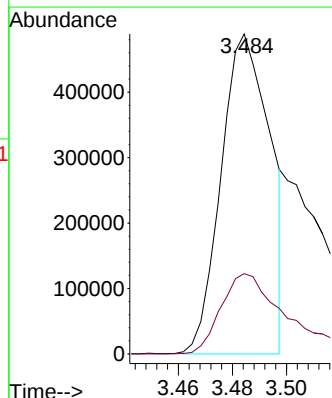
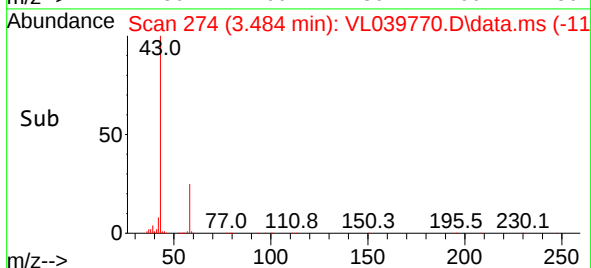
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

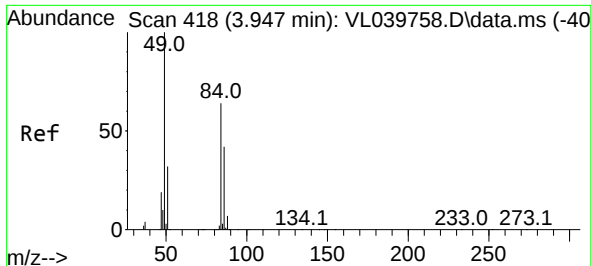


#15
Acetone
Concen: 5.591 ppbv m
RT: 3.484 min Scan# 274
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33



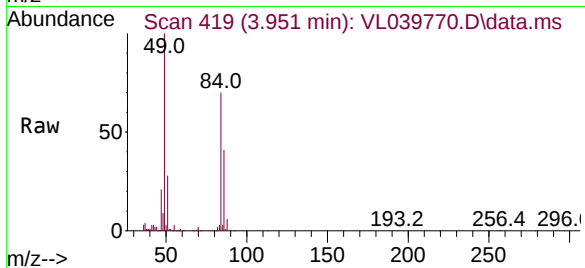
Tgt Ion: 43 Resp: 615247
Ion Ratio Lower Upper
43 100
58 37.4 20.7 31.1#





#20
Methylene Chloride
Concen: 4.505 ppbv
RT: 3.951 min Scan# 418
Delta R.T. 0.003 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

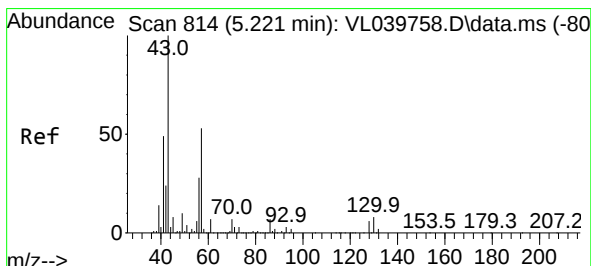
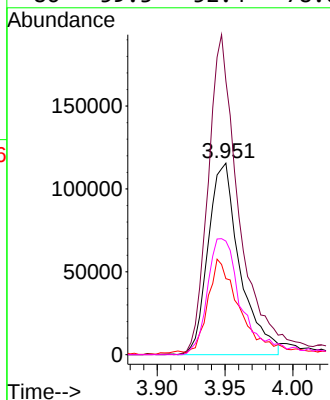
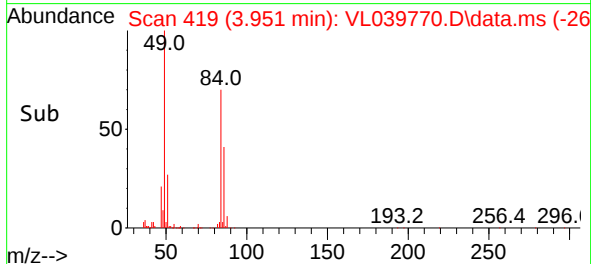
Instrument :
MSVOA_L
ClientSampleId :
A



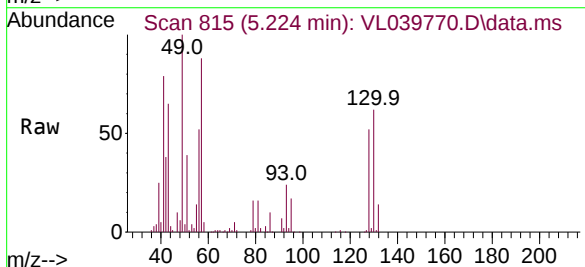
Tgt Ion: 84 Resp: 188625
Ion Ratio Lower Upper
84 100
49 142.8 126.0 189.0
51 37.8 40.9 61.3
86 59.3 52.4 78.6

Manual Integrations
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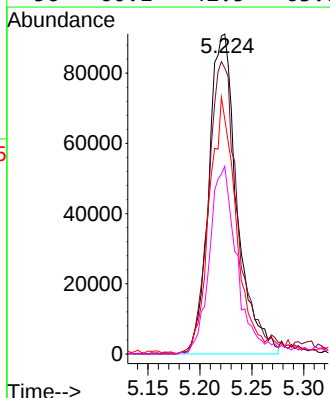
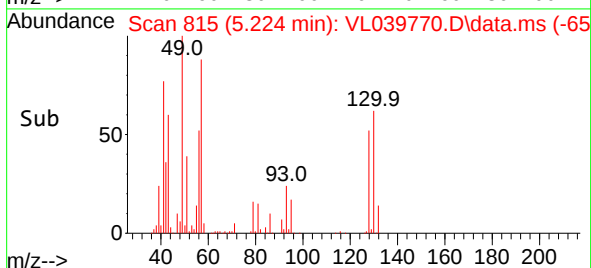
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

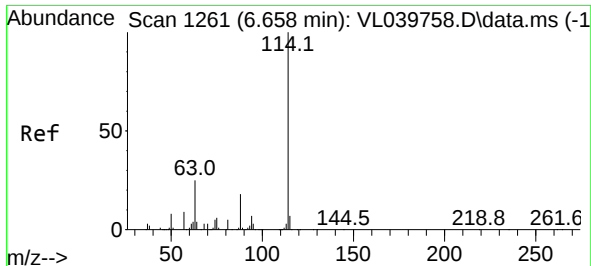


#26
Hexane
Concen: 1.913 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33



Tgt Ion: 57 Resp: 171176
Ion Ratio Lower Upper
57 100
41 100.1 76.1 114.1
43 80.2 197.1 295.7#
56 60.1 42.5 63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039770.D

Acq: 24 Oct 2022 23:33

Instrument :

MSVOA_L

ClientSampleId :

A

Tgt Ion:114 Resp: 242012

Ion Ratio Lower Upper

114 100

63 25.0 20.1 30.1

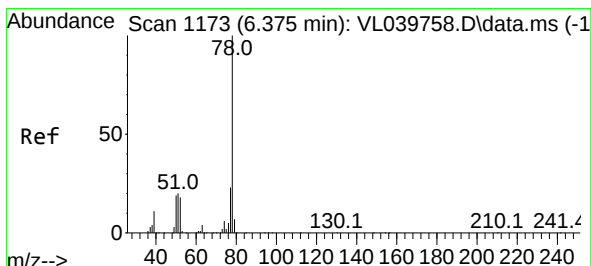
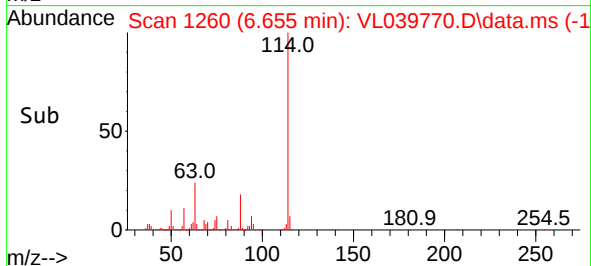
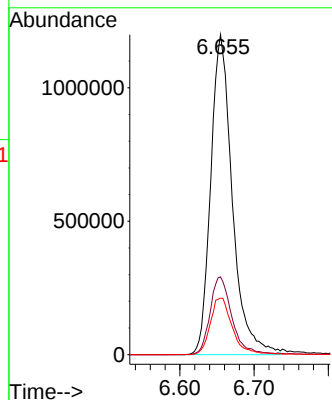
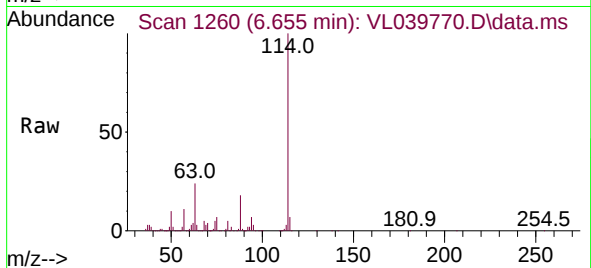
88 18.4 14.5 21.7

Manual Integrations

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#36

Benzene

Concen: 0.413 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL039770.D

Acq: 24 Oct 2022 23:33

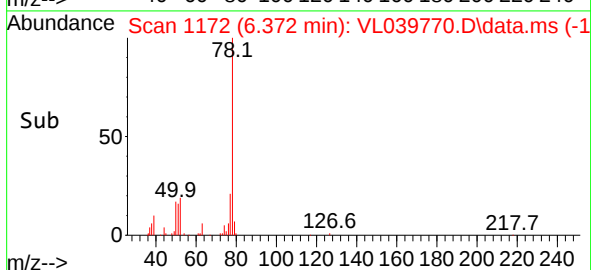
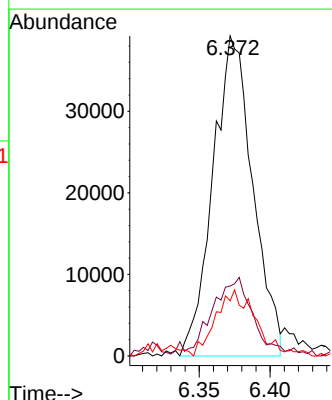
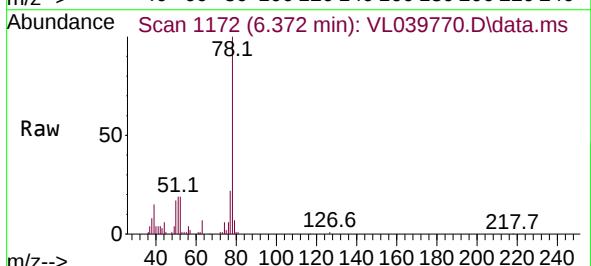
Tgt Ion: 78 Resp: 76948

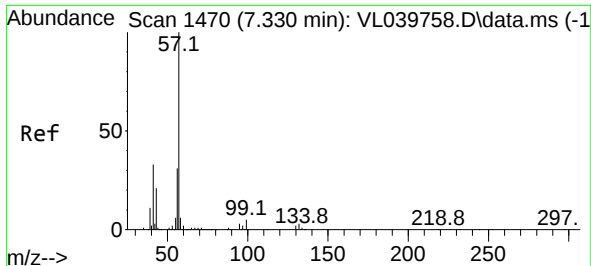
Ion Ratio Lower Upper

78 100

77 18.8 18.3 27.5

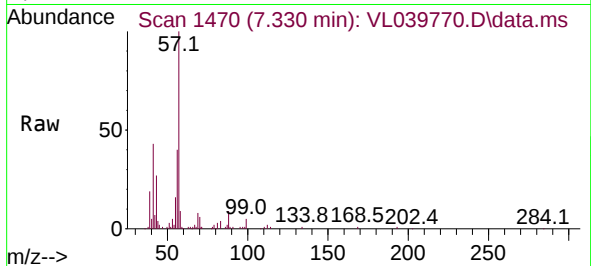
50 15.5 15.2 22.8





#44
2,2,4-Trimethylpentane
Concen: 0.396 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

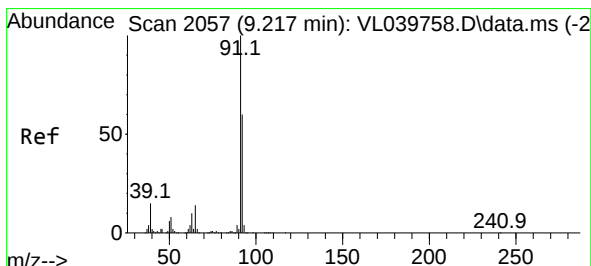
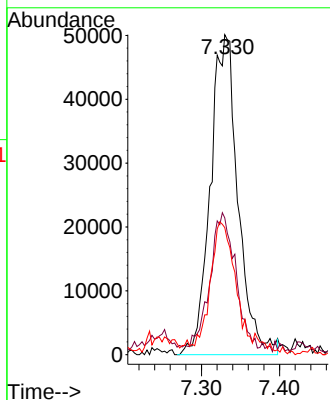
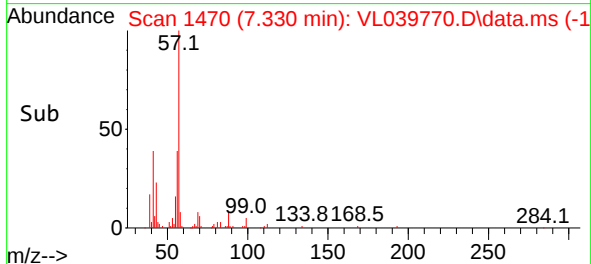
Instrument :
MSVOA_L
ClientSampleId :
A



Tgt Ion: 57 Resp: 12344
Ion Ratio Lower Upper
57 100
41 43.6 26.6 40.0
56 0.0 25.4 38.0

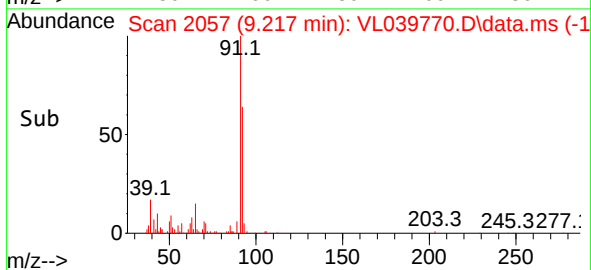
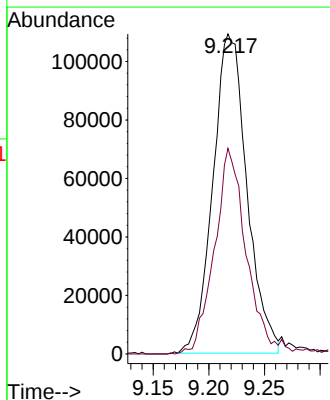
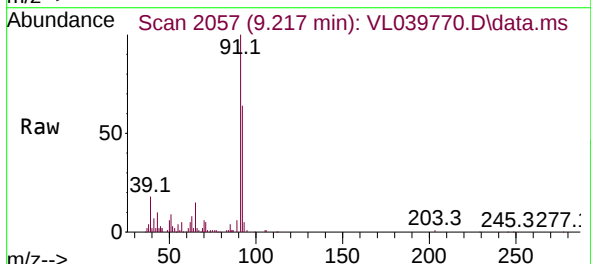
Manual Integrations
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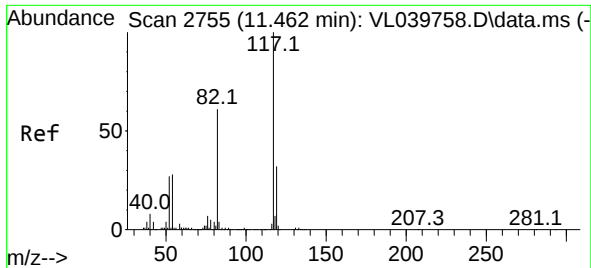
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#53
Toluene
Concen: 1.189 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

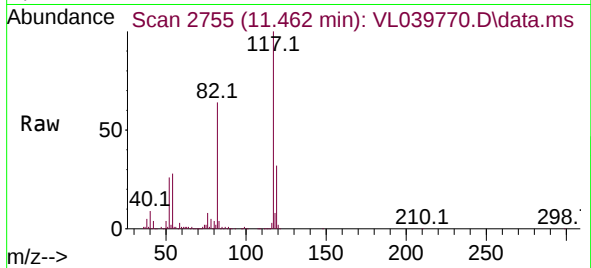
Tgt Ion: 91 Resp: 232129
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

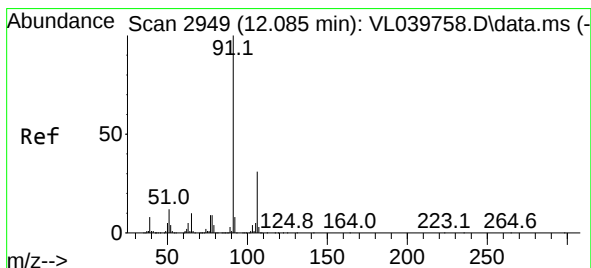
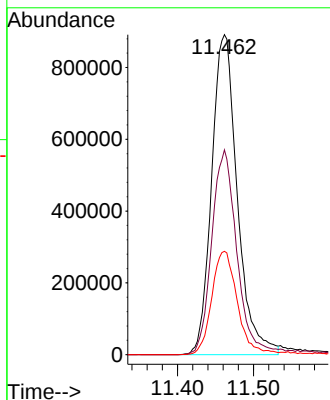
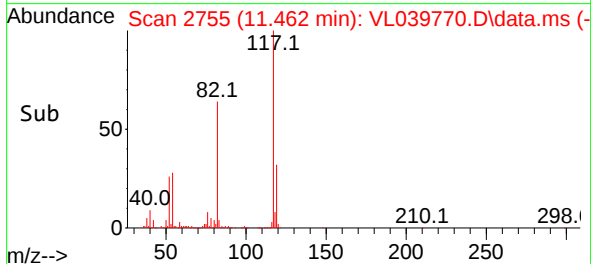
Instrument :
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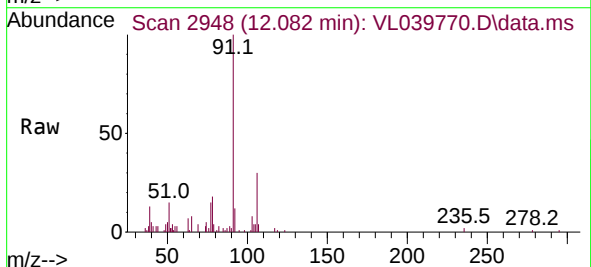
Tgt Ion: 117 Resp: 208938
Ion Ratio Lower Upper
117 100
82 65.1 49.9 74.9
119 33.3 25.2 37.8

Manual Integrations
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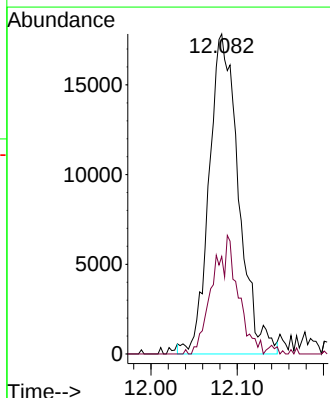
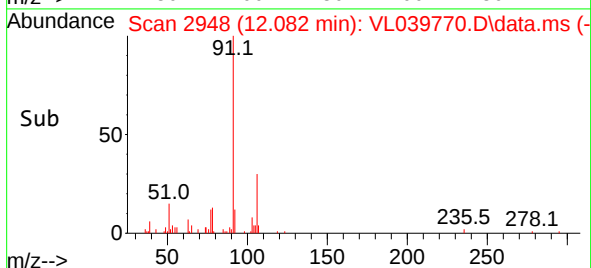
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Supervised By :Mahesh Dadoda 10/31/2022

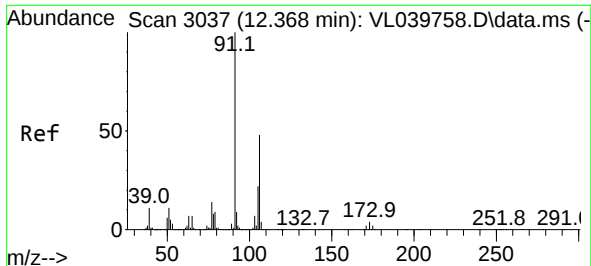


#58
Ethyl Benzene
Concen: 0.179 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33



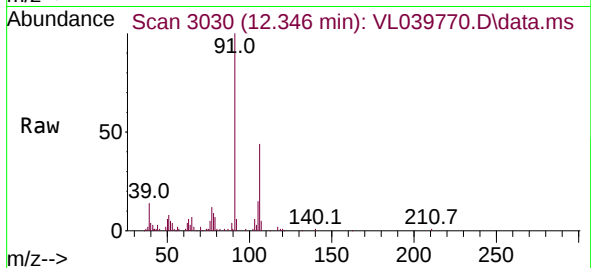
Tgt Ion: 91 Resp: 42506
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8





#59
m/p-Xylene
Concen: 0.637 ppbv m
RT: 12.346 min Scan# 3037
Delta R.T. -0.023 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

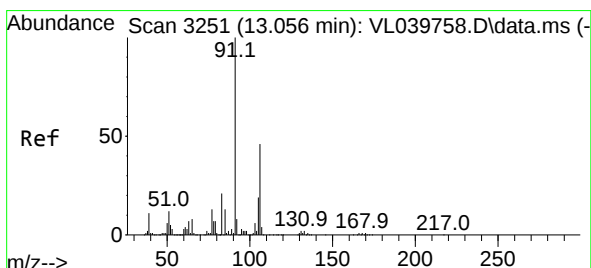
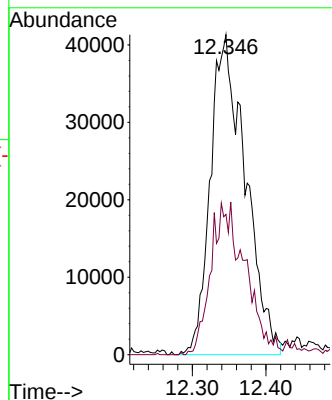
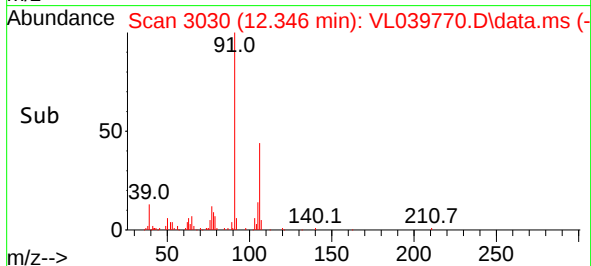
Instrument :
MSVOA_L
ClientSampleId :
A



Tgt Ion: 91 Resp: 13687
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6

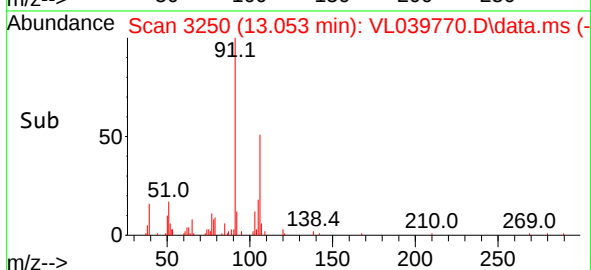
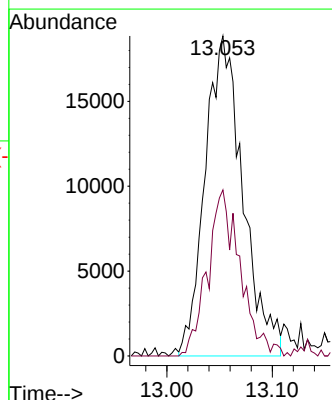
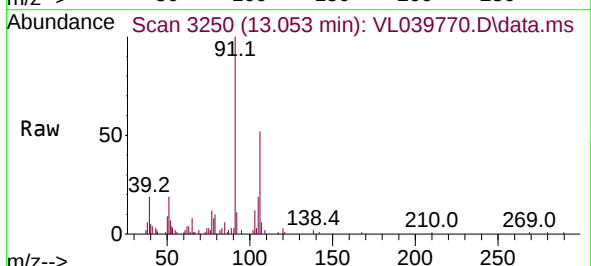
Manual Integrations
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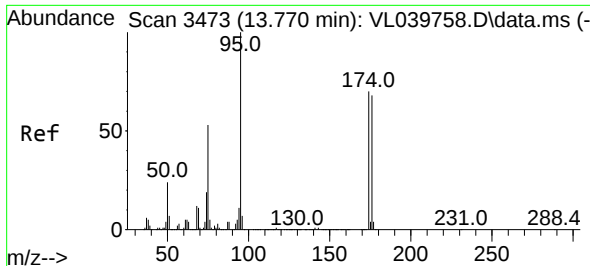
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 0.234 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

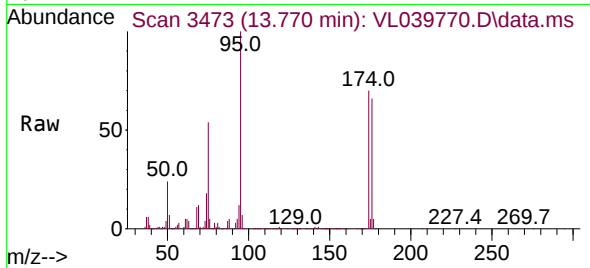
Tgt Ion: 91 Resp: 47057
Ion Ratio Lower Upper
91 100
106 0.0 22.9 68.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.917 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33

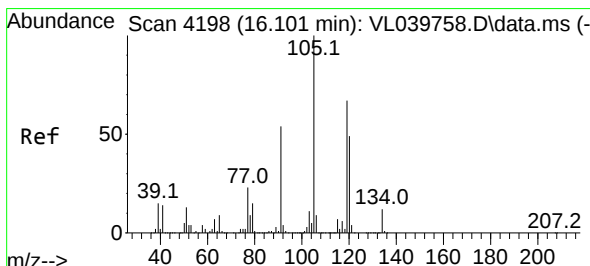
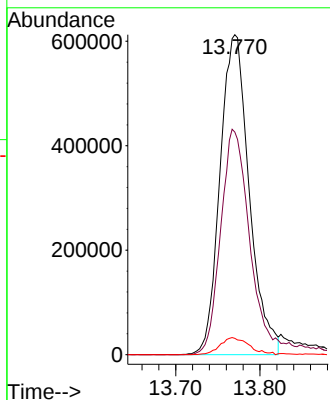
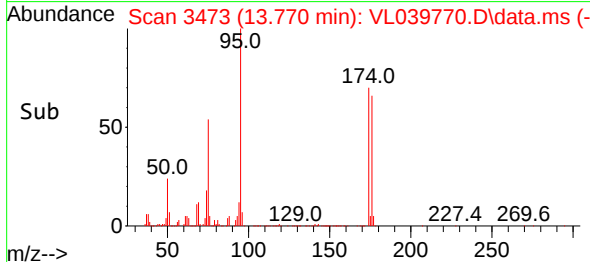
Instrument :
MSVOA_L
ClientSampleId :
A



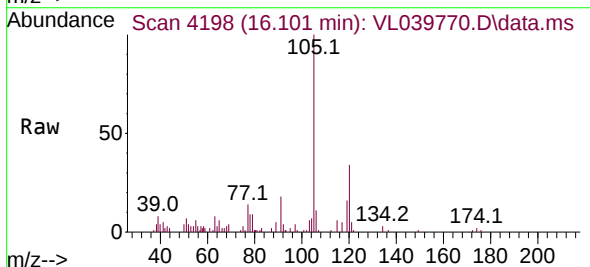
Tgt Ion: 95 Resp: 1474008
Ion Ratio Lower Upper
95 100
174 75.3 57.3 85.9
175 5.3 4.2 6.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.235 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL039770.D
Acq: 24 Oct 2022 23:33



Tgt Ion:105 Resp: 55366
Ion Ratio Lower Upper
105 100
120 31.0 39.6 59.4#
91 15.7 42.9 64.3#
77 12.6 18.2 27.4#

