

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039878.D
 Acq On : 11 Nov 2022 00:30
 Operator : SY/AP
 Sample : N5584-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:04:27 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	933836	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	1996363	10.000	ppbv	# 0.00
55) Chlorobenzene-d5	11.458	117	1759716	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1493148	11.336	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.400%
Target Compounds						
10) Heptane	7.574	43	14327m	0.103	ppbv	Qvalue
15) Acetone	3.491	43	155436m	1.367	ppbv	
20) Methylene Chloride	3.951	84	32473	0.799	ppbv #	79
26) Hexane	5.217	57	106800	1.023	ppbv #	34
34) 2-Butanone	4.815	43	17259m	0.210	ppbv	
52) Tetrachloroethene	10.606	164	142744	2.262	ppbv #	86
53) Toluene	9.217	91	80972m	0.419	ppbv	
58) Ethyl Benzene	12.085	91	31361m	0.132	ppbv	
59) m/p-Xylene	12.339	91	106884m	0.538	ppbv	
60) o-Xylene	13.056	91	58731m	0.312	ppbv	
72) 4-Ethyltoluene	15.188	105	28553m	0.135	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	31878m	0.170	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	138542m	0.694	ppbv	

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

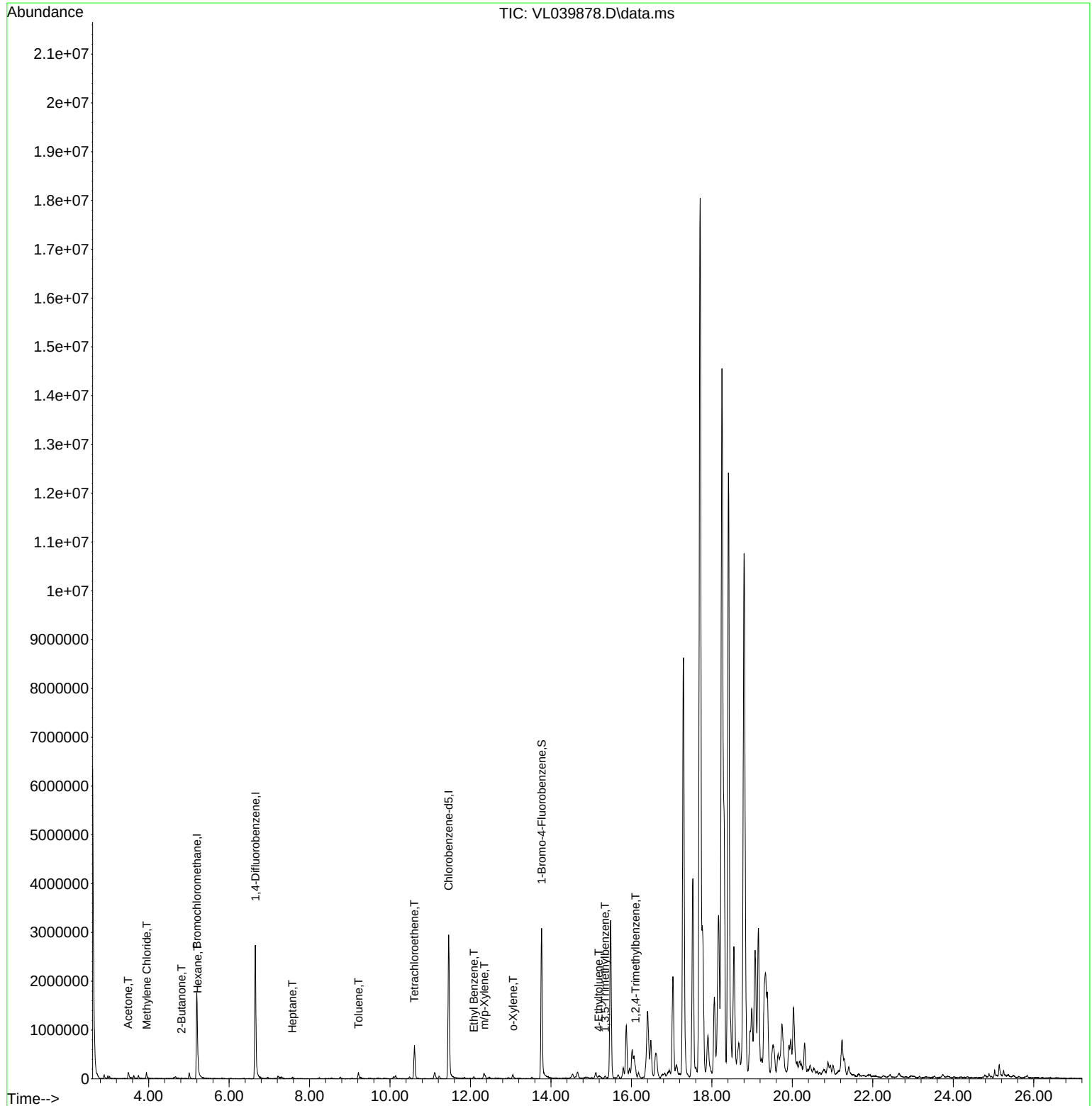
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039878.D
Acq On : 11 Nov 2022 00:30
Operator : SY/AP
Sample : N5584-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

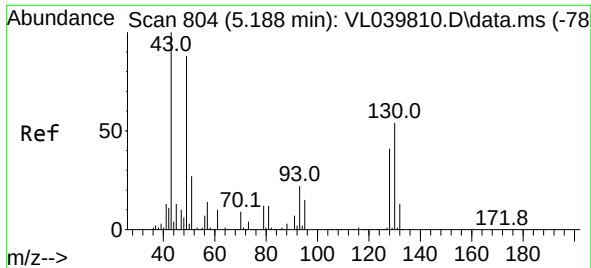
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Nov 11 05:04:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

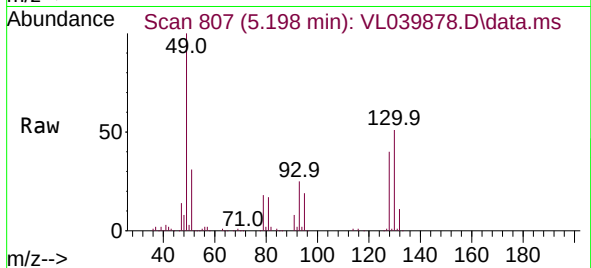
Reviewed By : Semsettin Yesilyurt 11/11/2022
Supervised By : Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

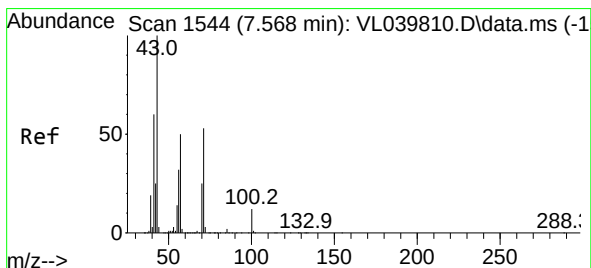
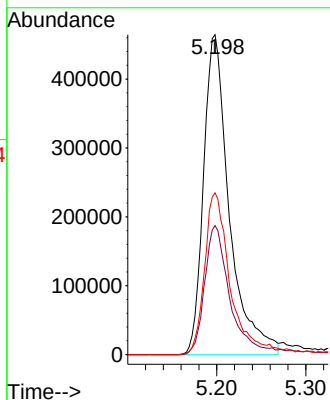
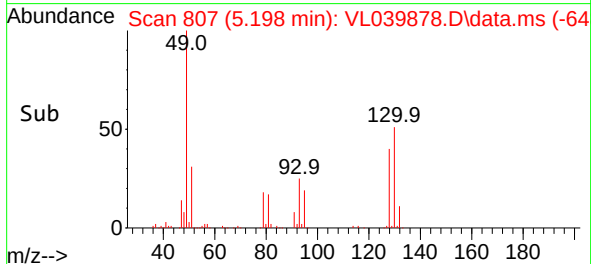
Instrument :
MSVOA_L
ClientSampleId :
SV1



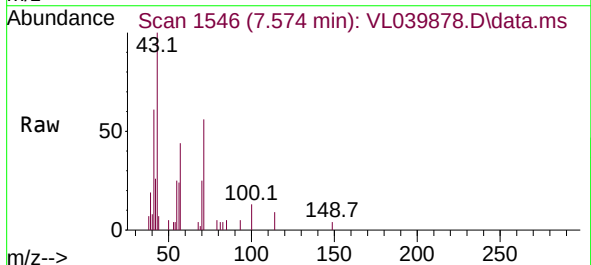
Tgt Ion: 49 Resp: 933836
Ion Ratio Lower Upper
49 100
128 41.7 24.6 73.6
130 52.9 31.1 93.2

Manual Integrations
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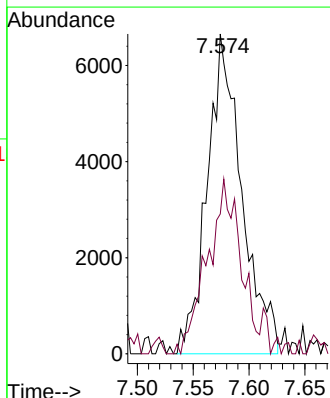
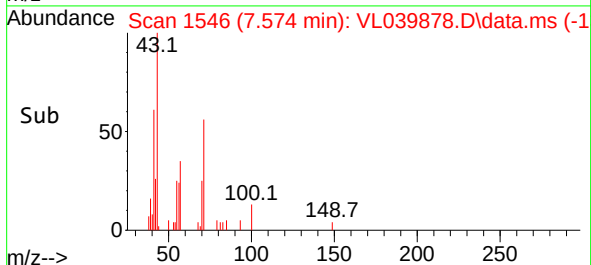
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

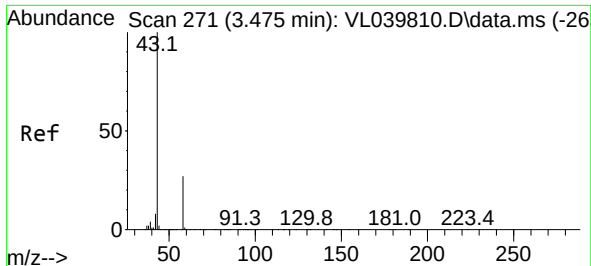


#10
Heptane
Concen: 0.103 ppbv m
RT: 7.574 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30



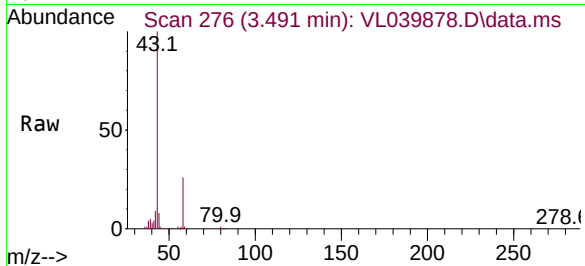
Tgt Ion: 43 Resp: 14327
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#





#15
Acetone
Concen: 1.367 ppbv m
RT: 3.491 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

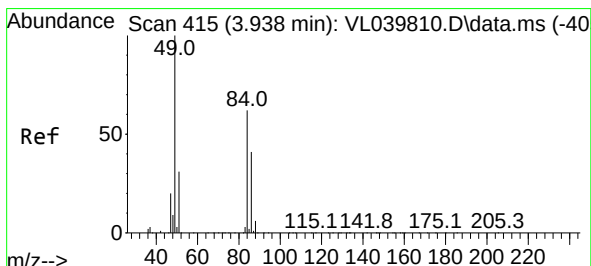
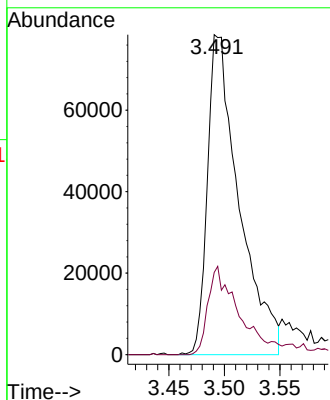
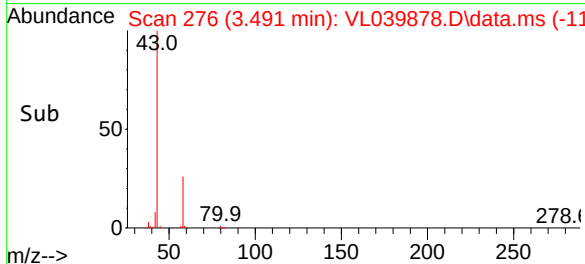
Instrument :
MSVOA_L
ClientSampleId :
SV1



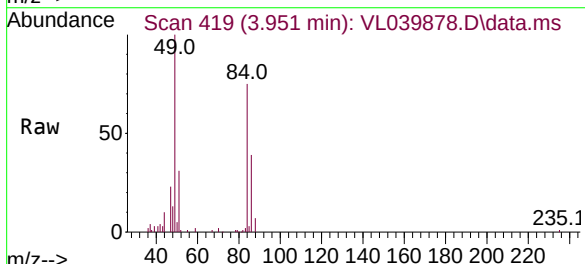
Tgt Ion: 43 Resp: 155436
Ion Ratio Lower Upper
43 100
58 30.2 23.2 34.8

Manual Integrations
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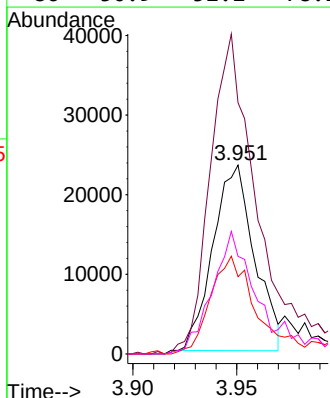
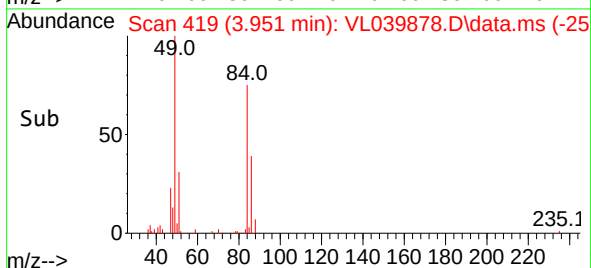
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

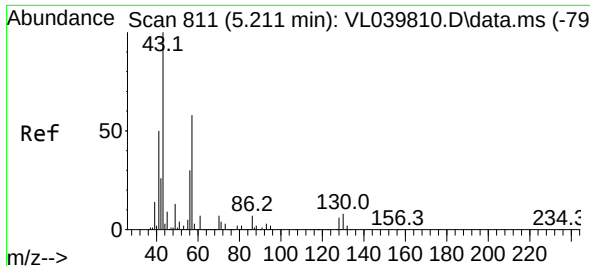


#20
Methylene Chloride
Concen: 0.799 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.013 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30



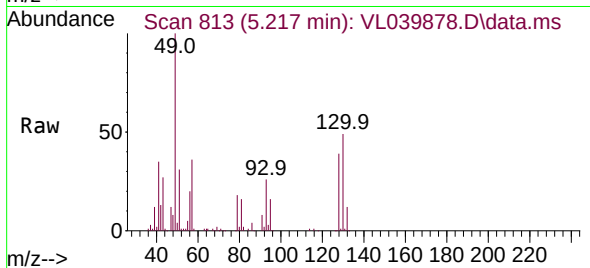
Tgt Ion: 84 Resp: 32473
Ion Ratio Lower Upper
84 100
49 128.5 128.6 192.8#
51 40.5 40.2 60.4
86 50.9 52.2 78.2#





#26
Hexane
Concen: 1.023 ppbv
RT: 5.217 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

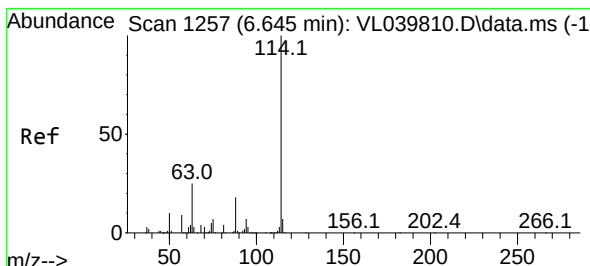
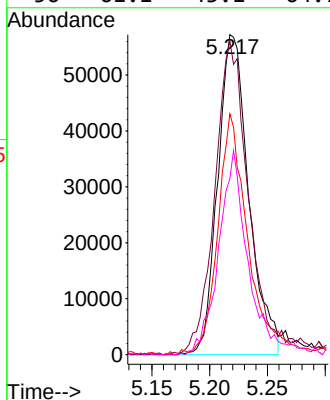
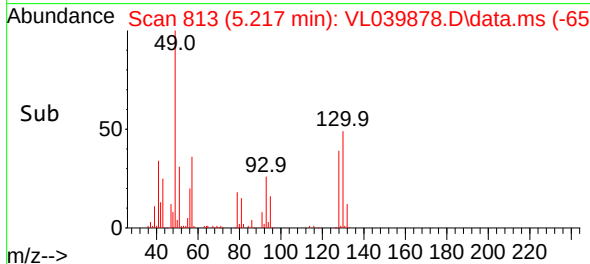
Instrument :
MSVOA_L
ClientSampleId :
SV1



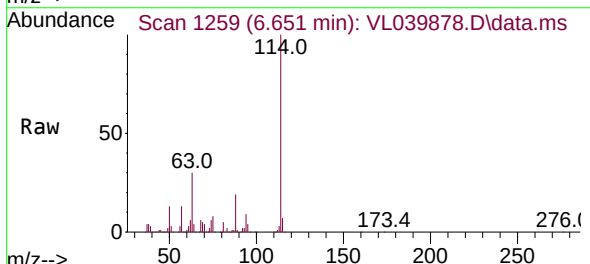
Tgt Ion: 57 Resp: 106800
Ion Ratio Lower Upper
57 100
41 110.9 73.7 110.5
43 73.6 189.8 284.8
56 61.1 43.1 64.7

Manual Integrations
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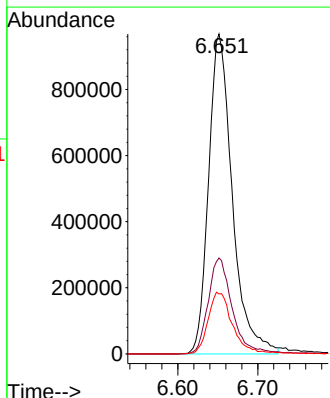
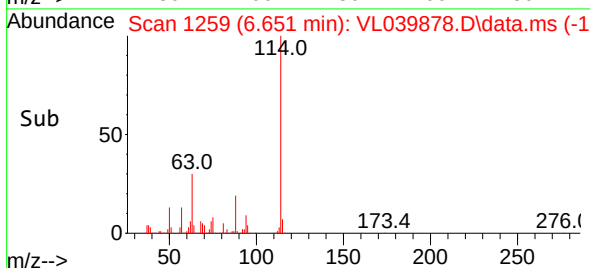
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

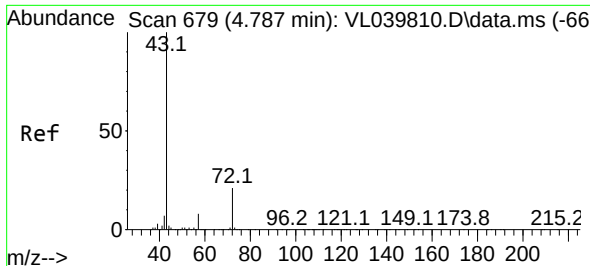


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30



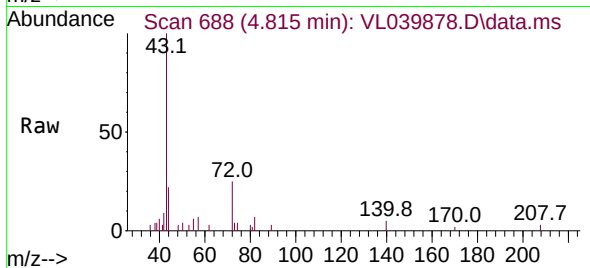
Tgt Ion:114 Resp: 1996363
Ion Ratio Lower Upper
114 100
63 30.8 19.8 29.6
88 20.0 14.4 21.6





#34
2-Butanone
Concen: 0.210 ppbv m
RT: 4.815 min Scan# 688
Delta R.T. 0.029 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

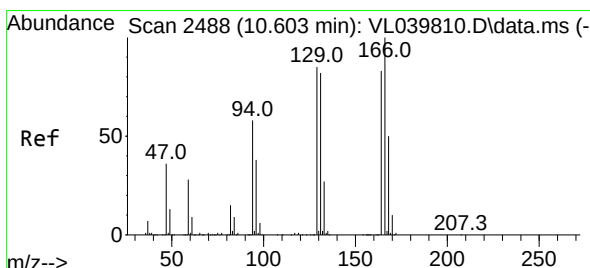
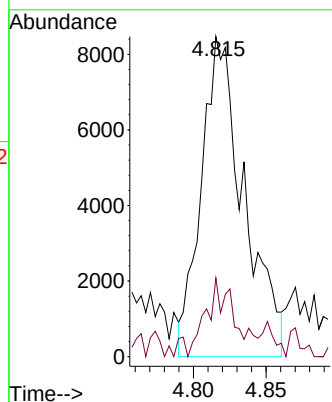
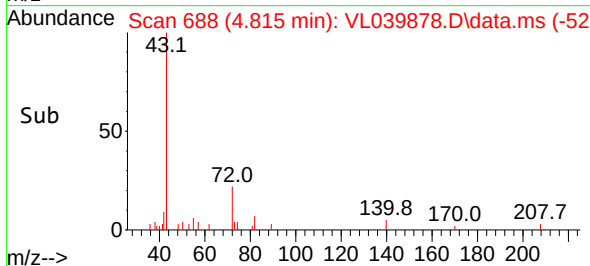
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 17259
Ion Ratio Lower Upper
43 100
72 17.0 17.5 26.3

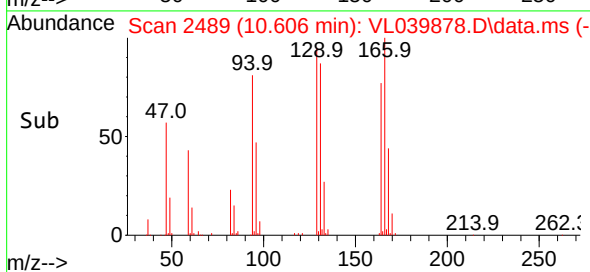
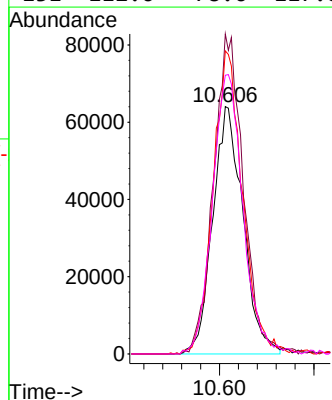
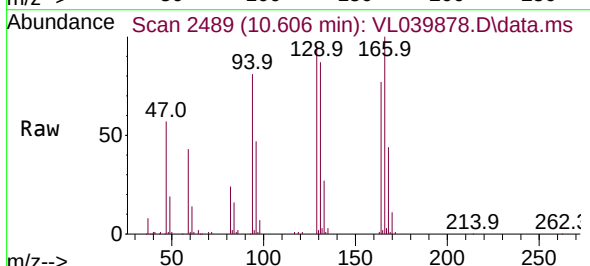
Manual Integrations
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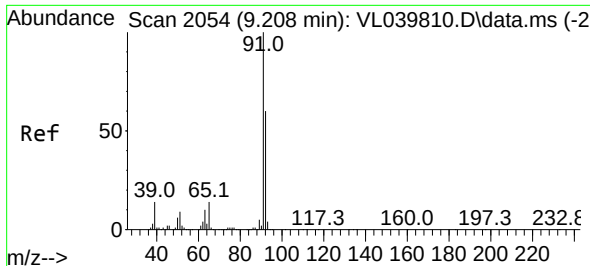
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Tetrachloroethene
Concen: 2.262 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.003 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

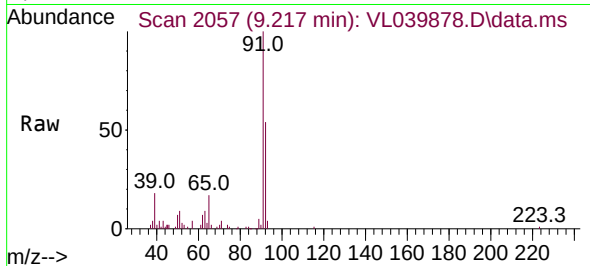
Tgt Ion:164 Resp: 142744
Ion Ratio Lower Upper
164 100
166 129.4 96.0 144.0
129 122.5 81.4 122.2#
131 112.6 78.6 117.8





#53
Toluene
Concen: 0.419 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. 0.010 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

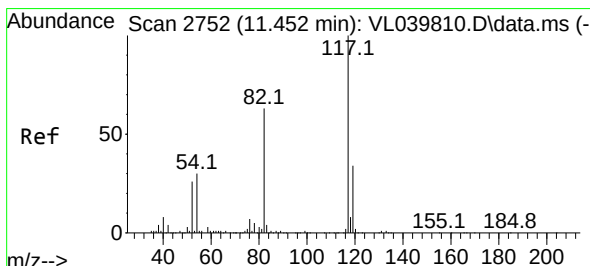
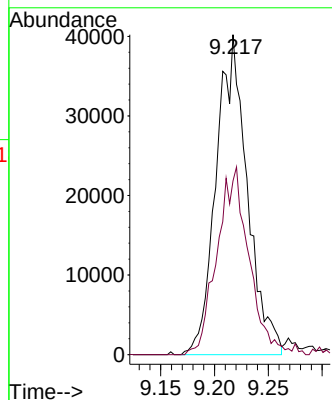
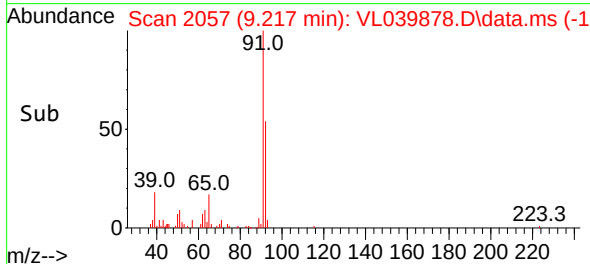
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 91 Resp: 80972
Ion Ratio Lower Upper
91 100
92 60.6 49.6 74.4

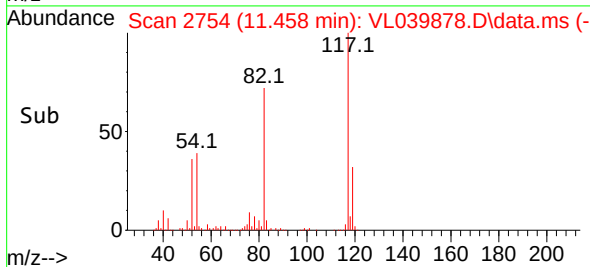
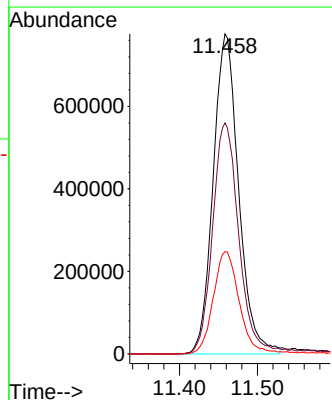
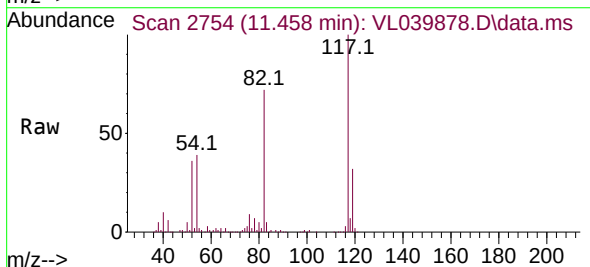
Manual Integrations
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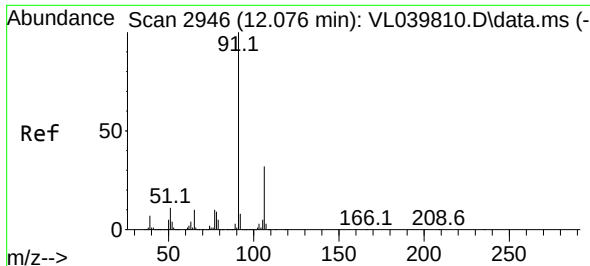
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

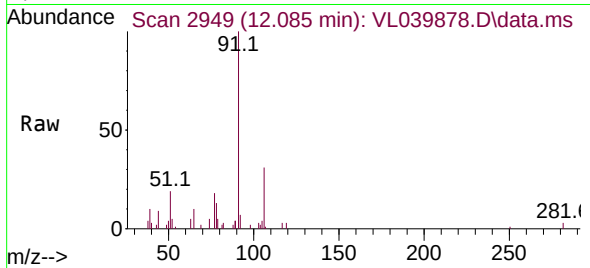
Tgt Ion:117 Resp: 1759716
Ion Ratio Lower Upper
117 100
82 76.7 51.0 76.6#
119 33.4 24.7 37.1





#58
Ethyl Benzene
Concen: 0.132 ppbv m
RT: 12.085 min Scan# 2946
Delta R.T. 0.010 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

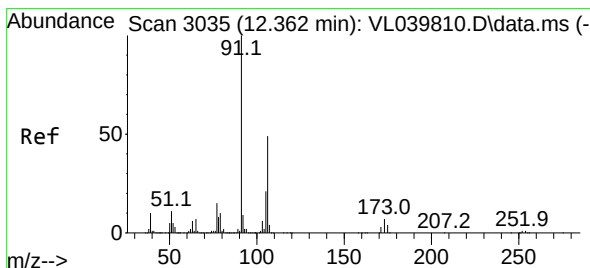
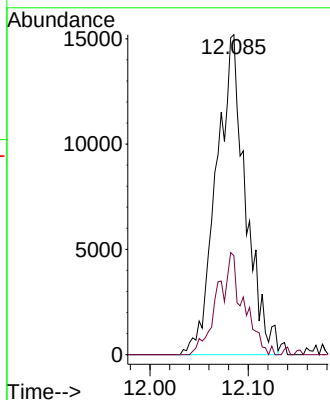
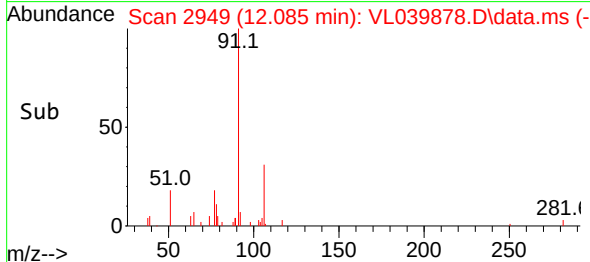
Instrument :
MSVOA_L
ClientSampleId :
SV1



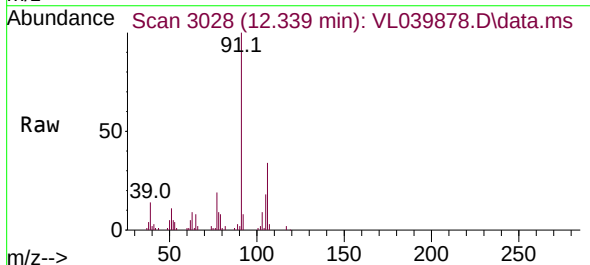
Tgt Ion: 91 Resp: 3136
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9

Manual Integrations
APPROVED

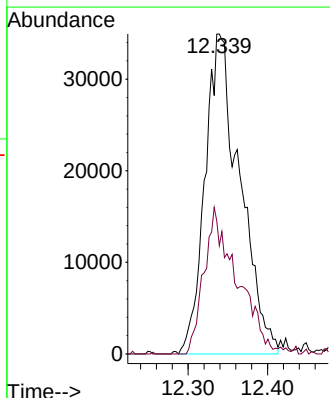
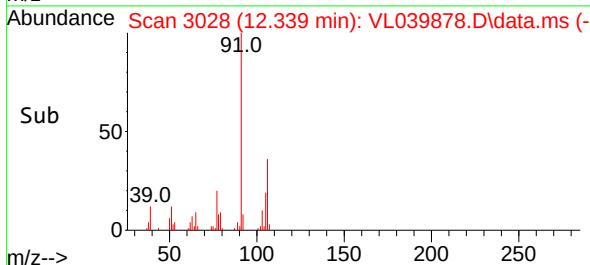
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

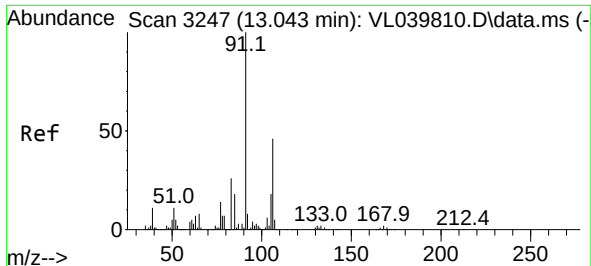


#59
m/p-Xylene
Concen: 0.538 ppbv m
RT: 12.339 min Scan# 3028
Delta R.T. -0.022 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30



Tgt Ion: 91 Resp: 106884
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4#





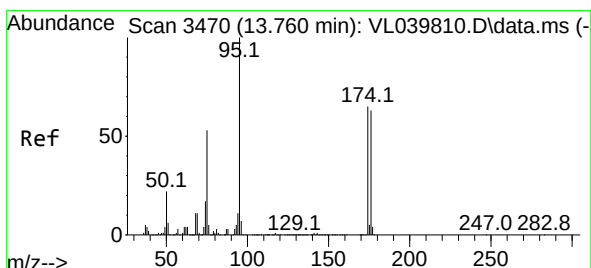
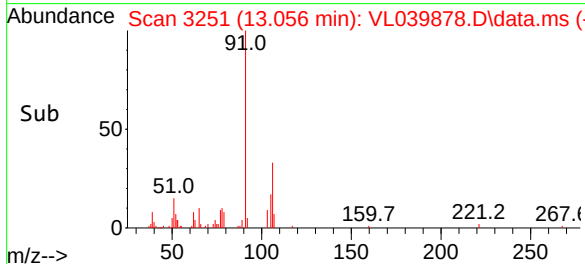
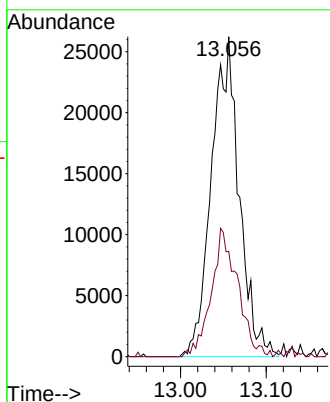
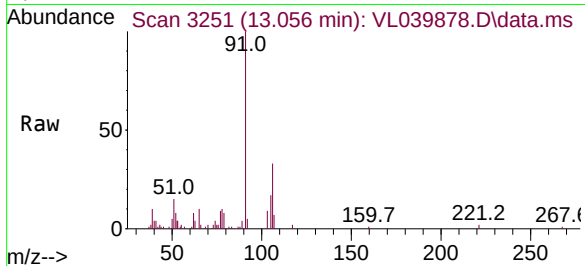
#60
o-Xylene
Concen: 0.312 ppbv m
RT: 13.056 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 5873
Ion Ratio Lower Upper
91 100
106 38.7 23.6 70.8

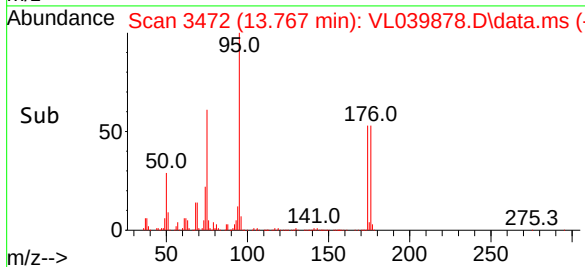
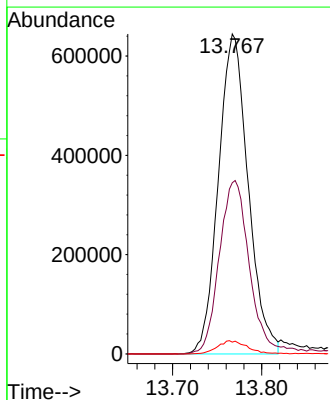
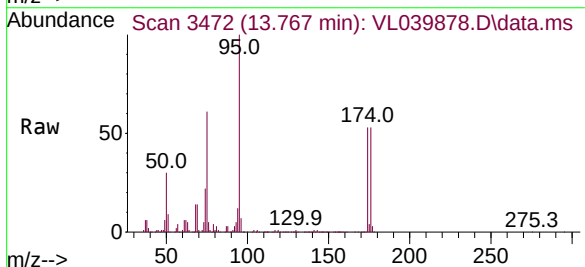
Manual Integrations
APPROVED

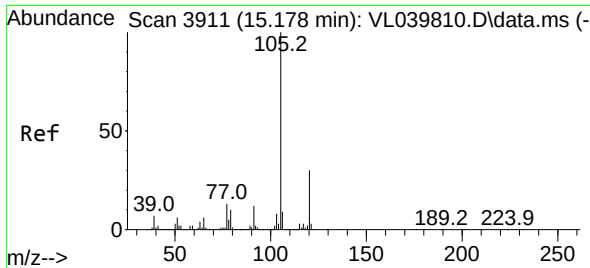
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 11.336 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

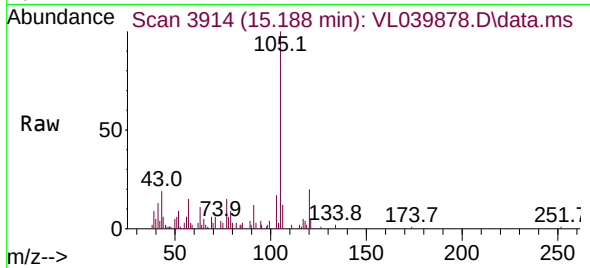
Tgt Ion: 95 Resp: 1493148
Ion Ratio Lower Upper
95 100
174 56.5 53.4 80.0
175 4.2 4.1 6.1





#72
4-Ethyltoluene
Concen: 0.135 ppbv m
RT: 15.188 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

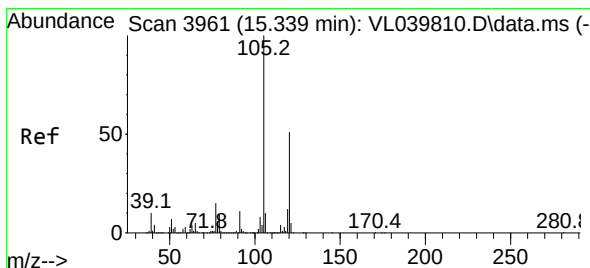
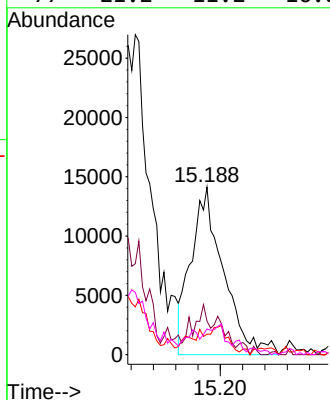
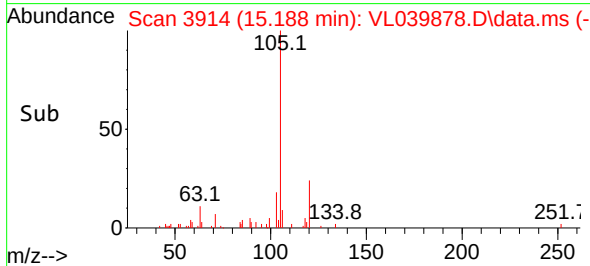
Instrument :
MSVOA_L
ClientSampleId :
SV1



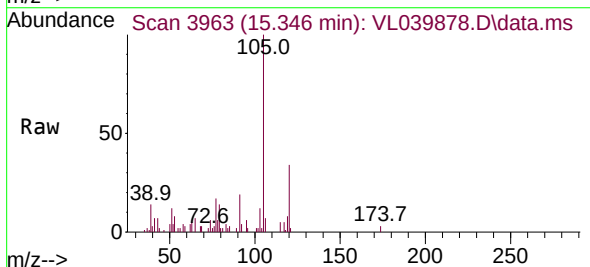
Tgt Ion:105 Resp: 2855
Ion Ratio Lower Upper
105 100
120 27.5 26.0 39.0
91 18.1 10.5 15.7
77 21.2 11.2 16.8#

Manual Integrations
APPROVED

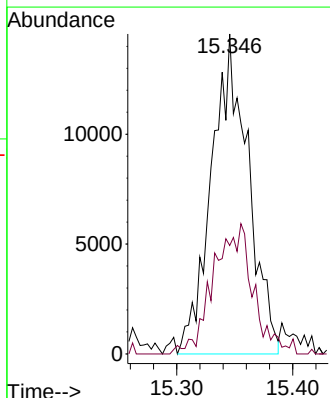
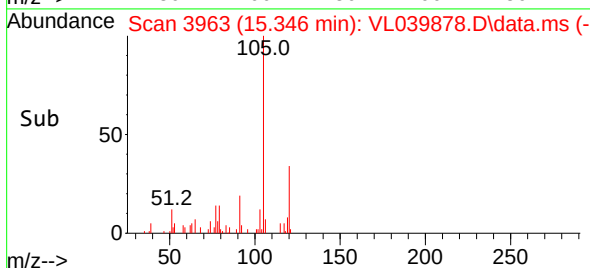
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

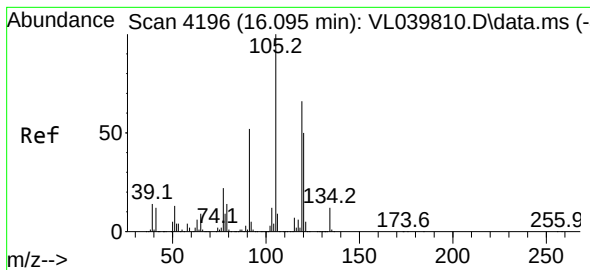


#73
1,3,5-Trimethylbenzene
Concen: 0.170 ppbv m
RT: 15.346 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30



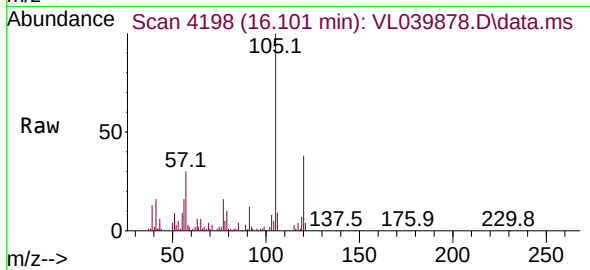
Tgt Ion:105 Resp: 31878
Ion Ratio Lower Upper
105 100
120 33.9 41.0 61.4#





#74
1,2,4-Trimethylbenzene
Concen: 0.694 ppbv m
RT: 16.101 min Scan# 4198
Delta R.T. 0.006 min
Lab File: VL039878.D
Acq: 11 Nov 2022 00:30

Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:105 Resp: 138542
Ion Ratio Lower Upper
105 100
120 38.2 40.2 60.4
91 12.4 42.6 64.0
77 16.1 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

