

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039276.D
 Acq On : 14 Jun 2022 7:33
 Operator : SY/AP
 Sample : N3326-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 08:10:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 14 08:10:41 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	5.671	49	1161556	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	2658531	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2179717	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1834454	10.180	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
2) Dichlorodifluoromethane	3.060	85	19727m	0.097	ppbv	Qvalue
3) Chlorodifluoromethane	2.992	51	21829	0.148	ppbv #	84
4) Chloromethane	3.150	50	10164m	0.134	ppbv	
9) Propene	3.031	41	56479	0.876	ppbv #	71
13) Ethanol	3.603	45	104472m	29.726	ppbv	
15) Acetone	3.857	43	437563	3.616	ppbv	92
19) Isopropyl Alcohol	3.976	45	304083	5.358	ppbv #	94
20) Methylene Chloride	4.353	84	63487	1.245	ppbv	92
26) Hexane	5.687	57	43392	0.362	ppbv #	58
34) 2-Butanone	5.259	43	19124m	0.132	ppbv	
52) Tetrachloroethene	11.211	164	13556m	0.161	ppbv	
53) Toluene	9.806	91	30623m	0.123	ppbv	

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

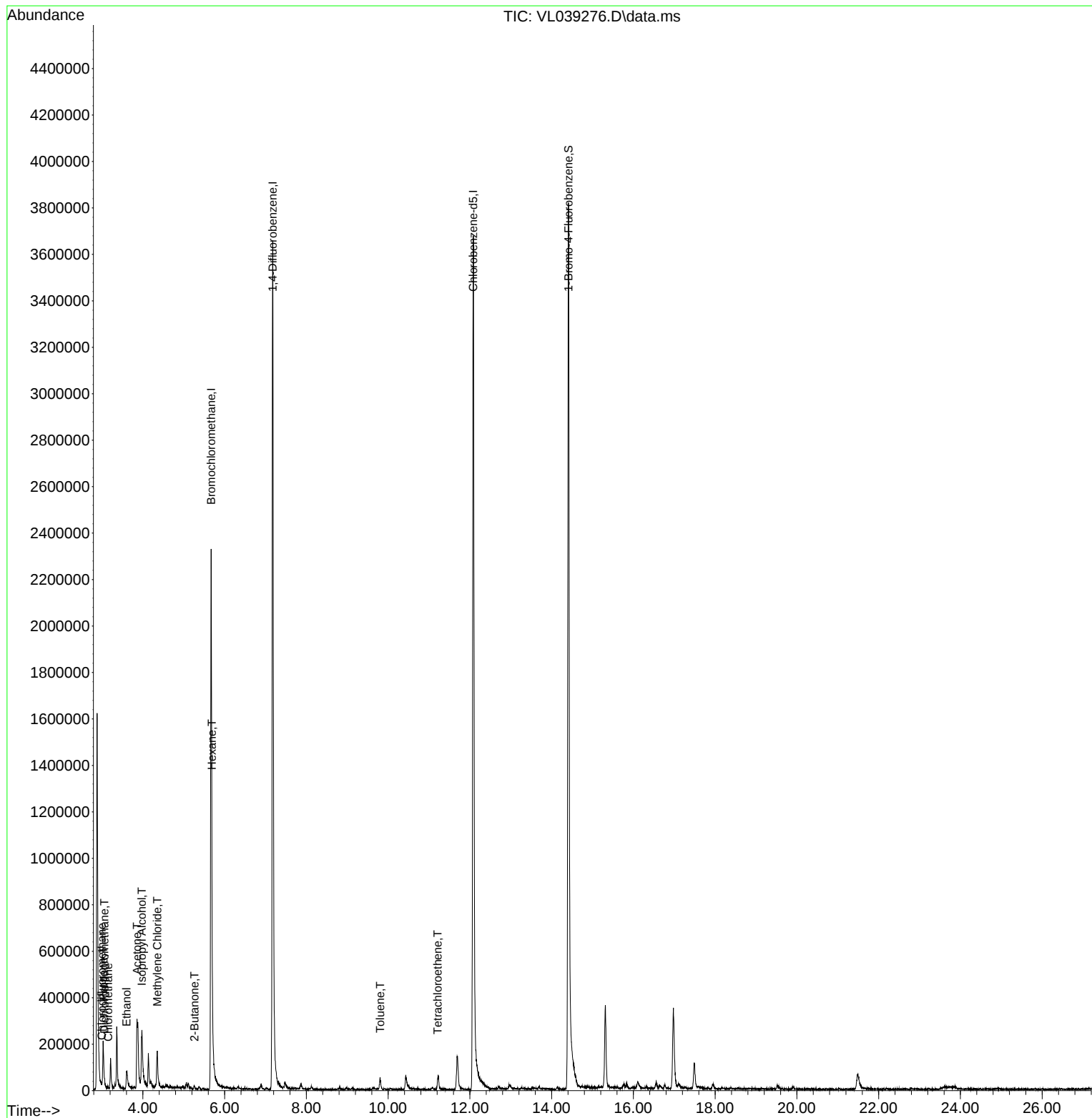
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039276.D
Acq On : 14 Jun 2022 7:33
Operator : SY/AP
Sample : N3326-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

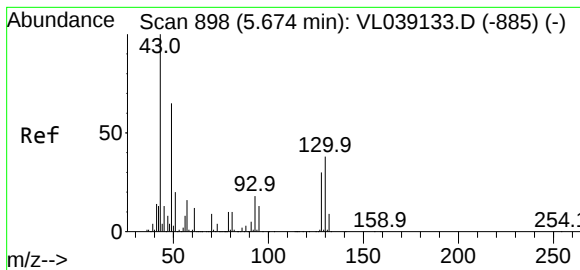
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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

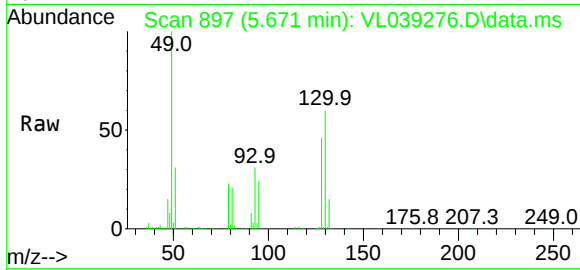
Quant Time: Jun 14 08:10:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

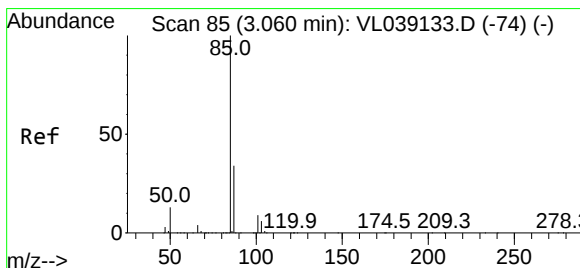
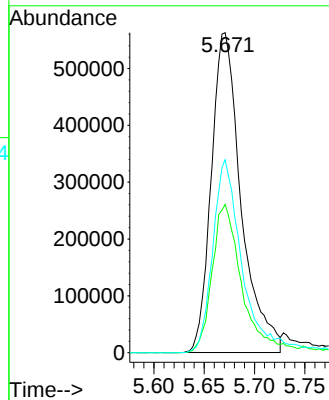
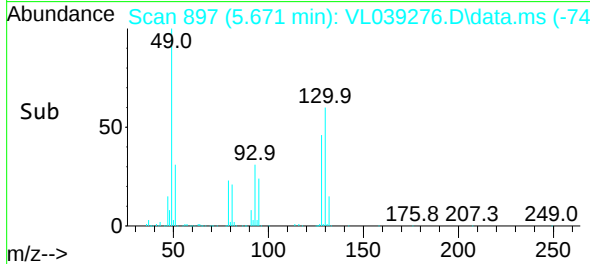
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 116155
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 61.6 31.4 94.0

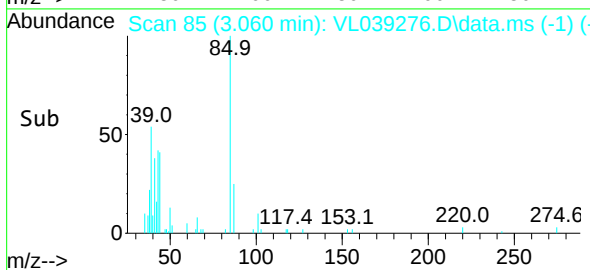
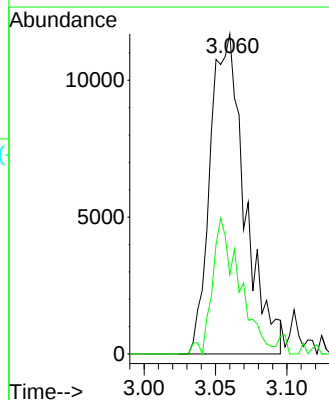
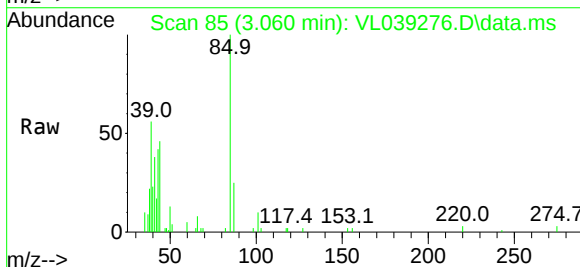
Manual Integrations
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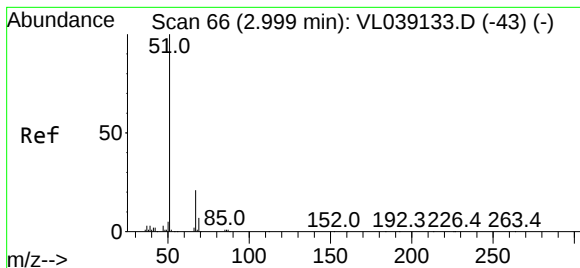
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 0.097 ppbv m
RT: 3.060 min Scan# 85
Delta R.T. -0.000 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

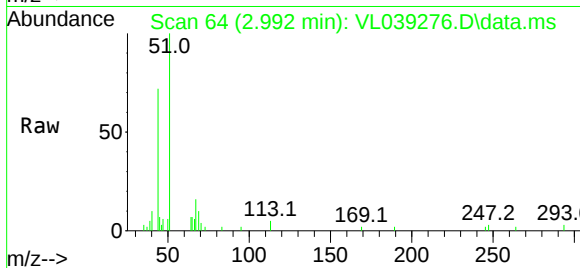
Tgt Ion: 85 Resp: 19727
Ion Ratio Lower Upper
85 100
87 24.7 26.9 40.3#





#3
Chlorodifluoromethane
Concen: 0.148 ppbv
RT: 2.992 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

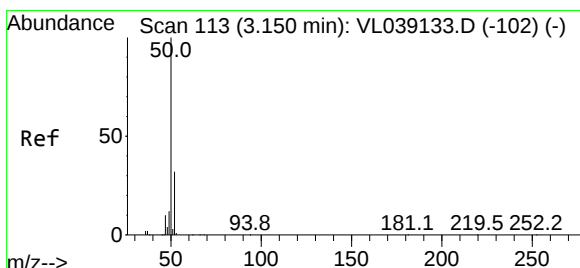
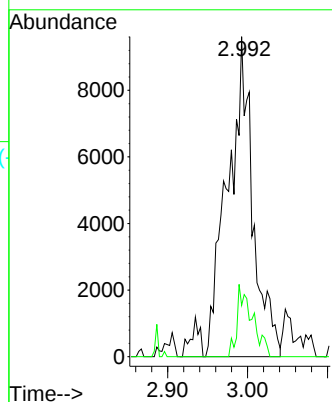
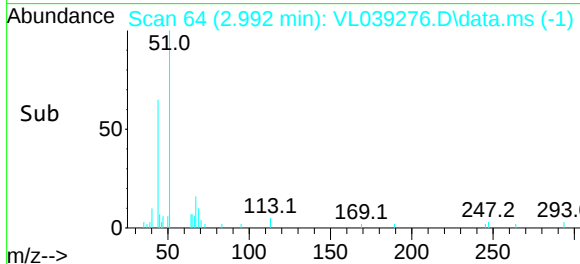
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



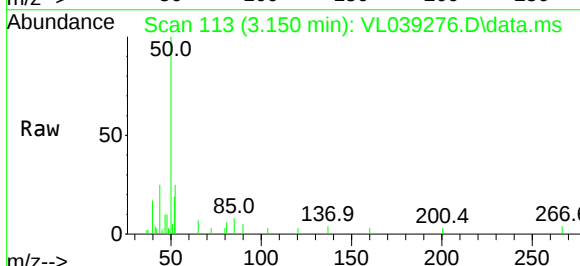
Tgt Ion: 51 Resp: 21829
Ion Ratio Lower Upper
51 100
67 13.1 16.2 24.4

Manual Integrations
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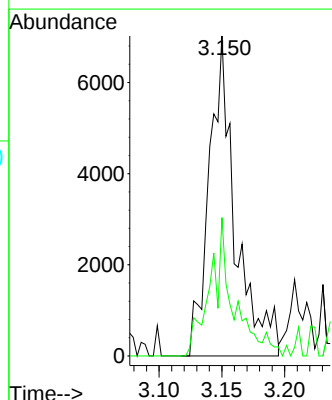
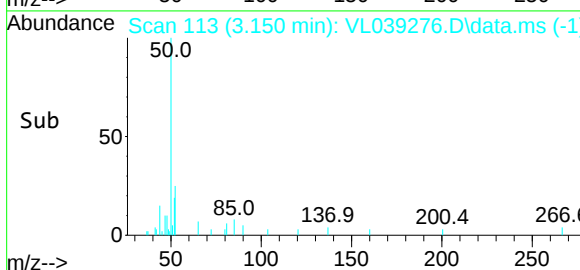
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

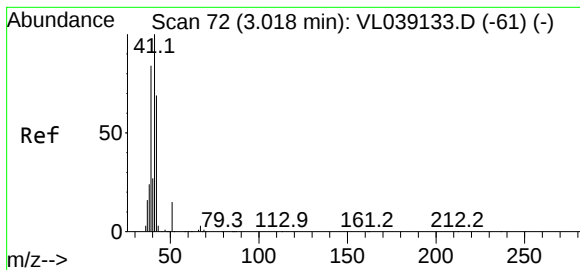


#4
Chloromethane
Concen: 0.134 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. -0.000 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33



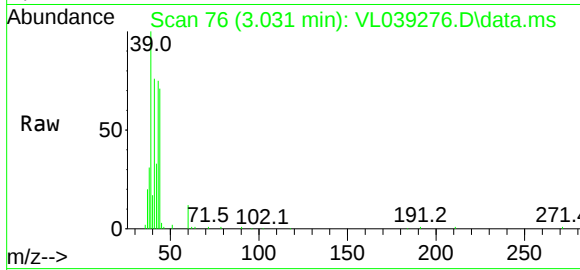
Tgt Ion: 50 Resp: 10164
Ion Ratio Lower Upper
50 100
52 24.6 25.9 38.9





#9
 Propene
 Concen: 0.876 ppbv
 RT: 3.031 min Scan# 70
 Delta R.T. 0.013 min
 Lab File: VL039276.D
 Acq: 14 Jun 2022 7:33

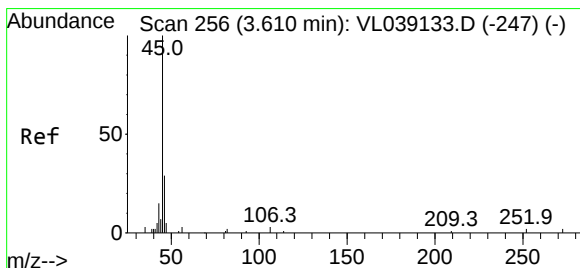
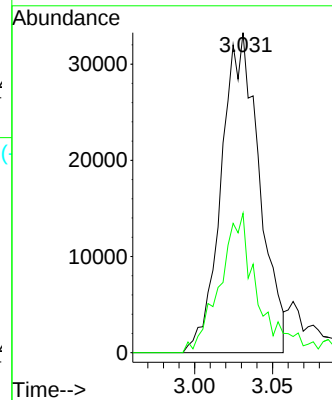
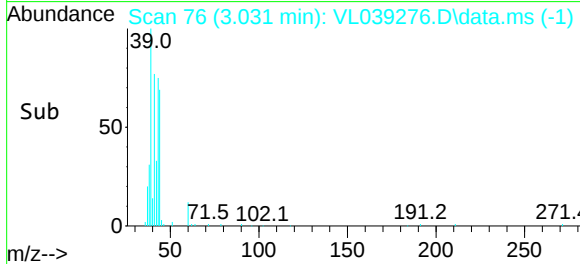
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 41 Resp: 56479
 Ion Ratio Lower Upper
 41 100
 42 45.8 55.4 83.2

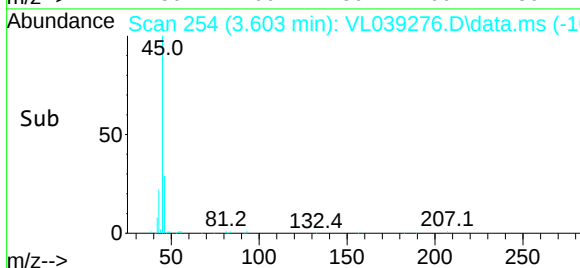
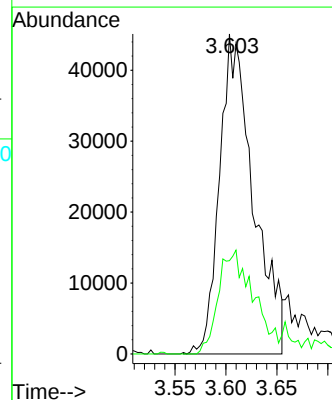
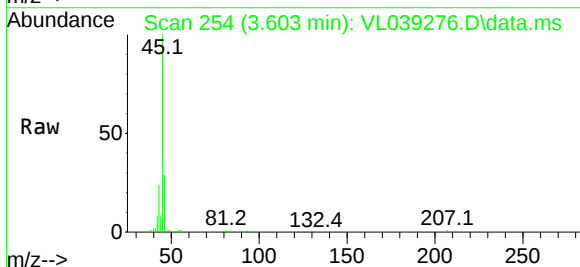
Manual Integrations
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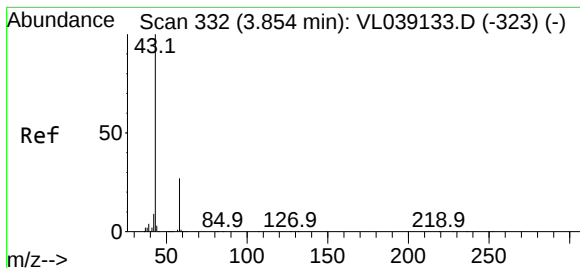
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#13
 Ethanol
 Concen: 29.726 ppbv m
 RT: 3.603 min Scan# 254
 Delta R.T. -0.007 min
 Lab File: VL039276.D
 Acq: 14 Jun 2022 7:33

Tgt Ion: 45 Resp: 104472
 Ion Ratio Lower Upper
 45 100
 46 41.0 0.0 0.0





#15

Acetone

Concen: 3.616 ppbv

RT: 3.857 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039276.D

Acq: 14 Jun 2022 7:33

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 43 Resp: 43756

Ion Ratio Lower Upper

43 100

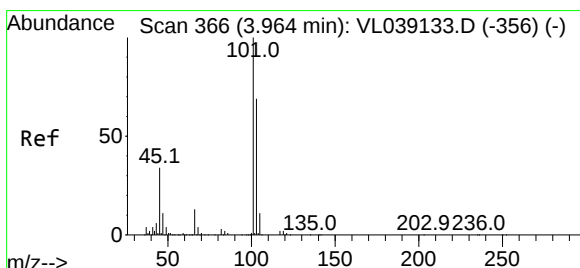
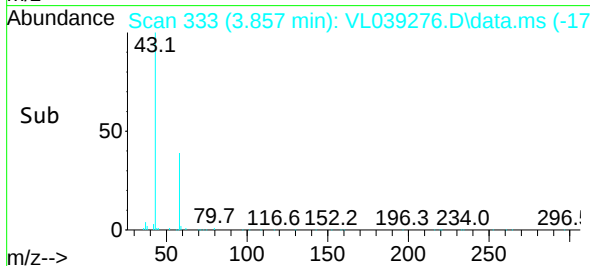
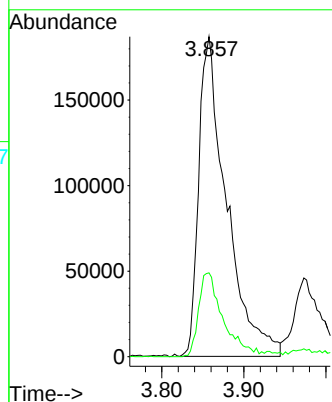
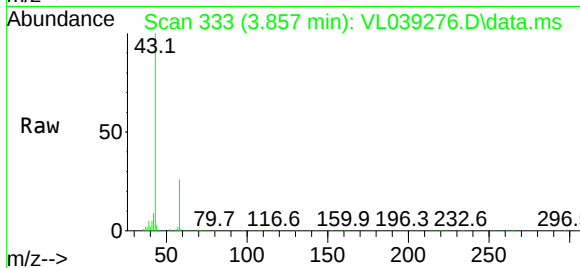
58 24.0 22.5 33.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#19

Isopropyl Alcohol

Concen: 5.358 ppbv

RT: 3.976 min Scan# 370

Delta R.T. 0.013 min

Lab File: VL039276.D

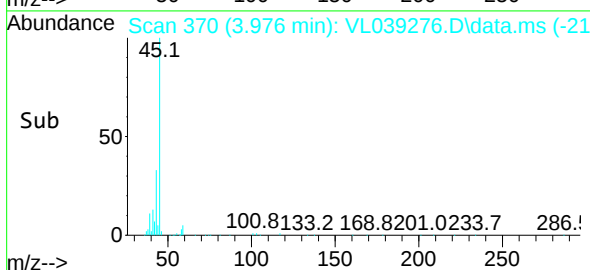
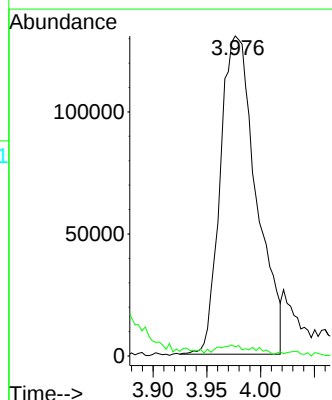
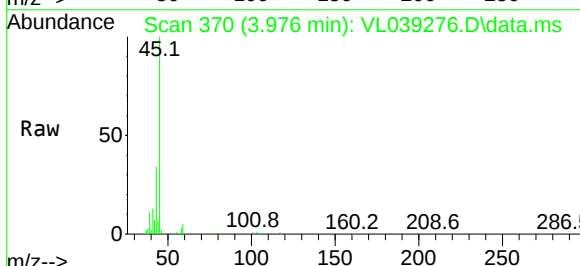
Acq: 14 Jun 2022 7:33

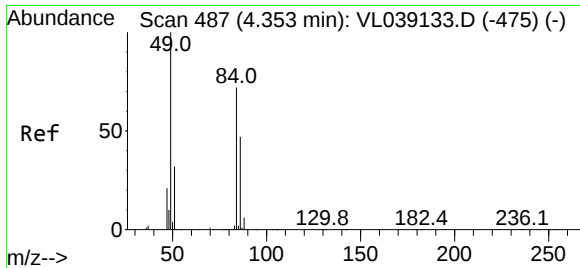
Tgt Ion: 45 Resp: 304083

Ion Ratio Lower Upper

45 100

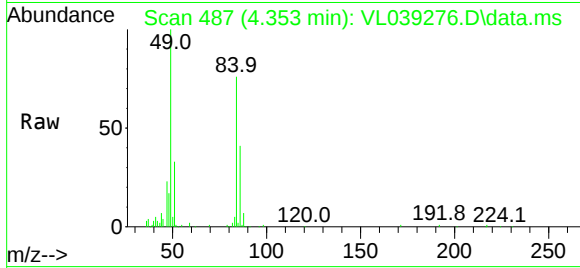
58 4.5 1.8 2.8#





#20
Methylene Chloride
Concen: 1.245 ppbv
RT: 4.353 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

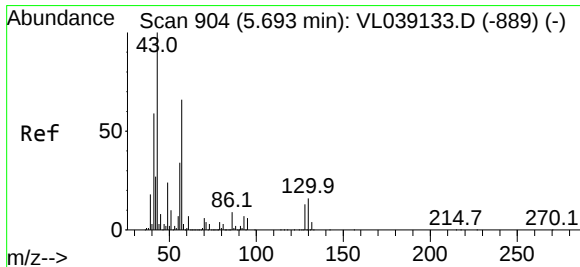
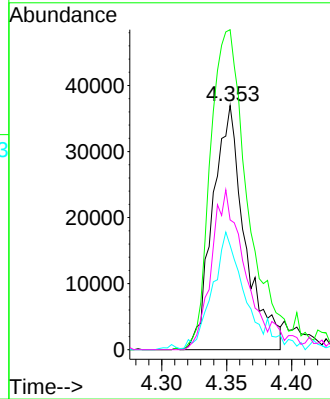
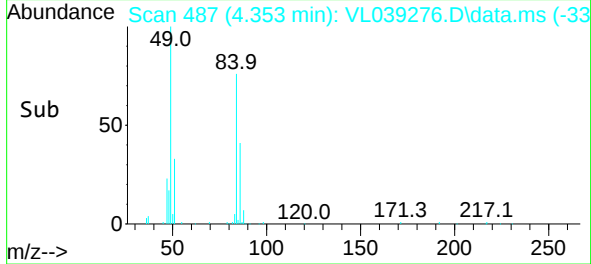
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



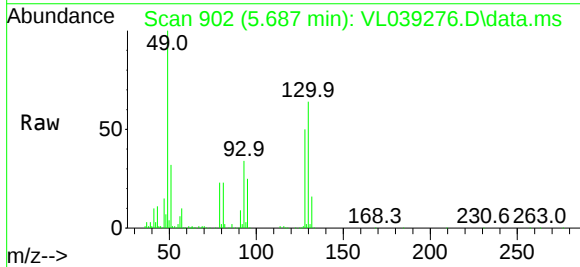
Tgt Ion: 84 Resp: 6348
Ion Ratio Lower Upper
84 100
49 131.1 111.1 166.7
51 43.1 35.3 52.9
86 53.1 51.9 77.9

Manual Integrations
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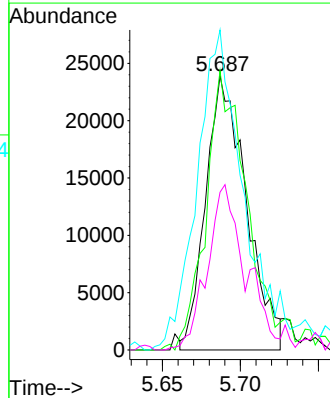
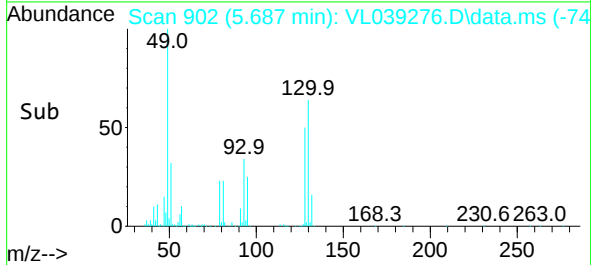
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

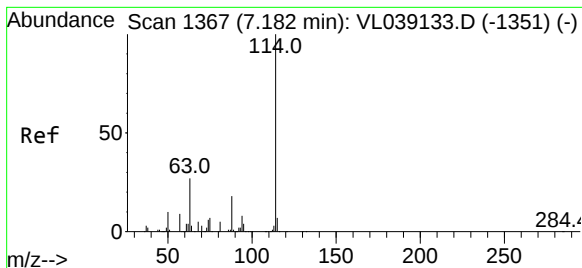


#26
Hexane
Concen: 0.362 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.007 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33



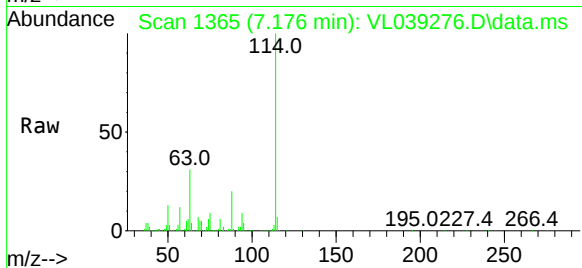
Tgt Ion: 57 Resp: 43392
Ion Ratio Lower Upper
57 100
41 111.7 72.4 108.6#
43 140.9 187.0 280.6#
56 62.9 41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. -0.007 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

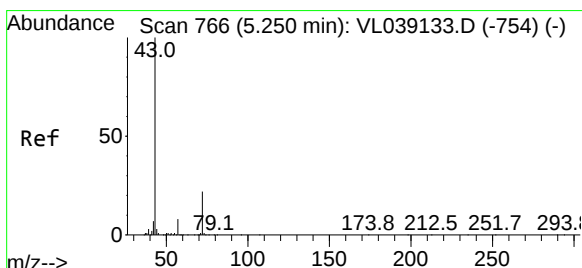
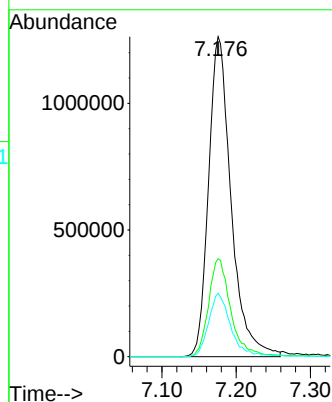
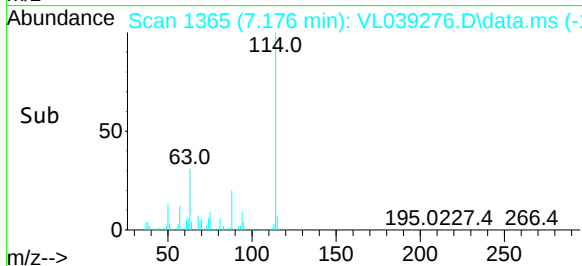
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:114 Resp: 265853
Ion Ratio Lower Upper
114 100
63 30.3 21.7 32.5
88 19.7 14.8 22.2

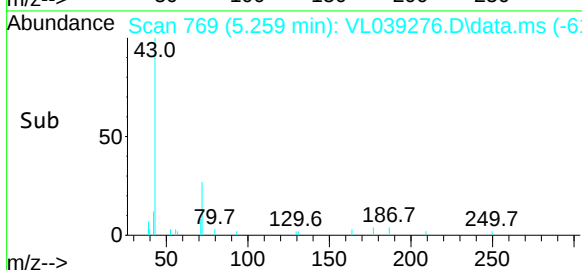
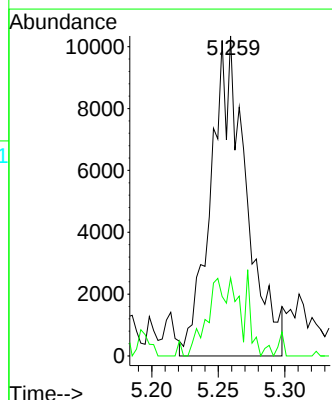
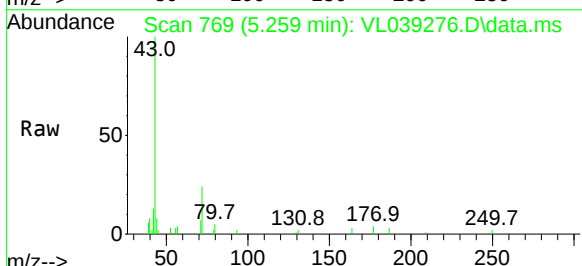
Manual Integrations
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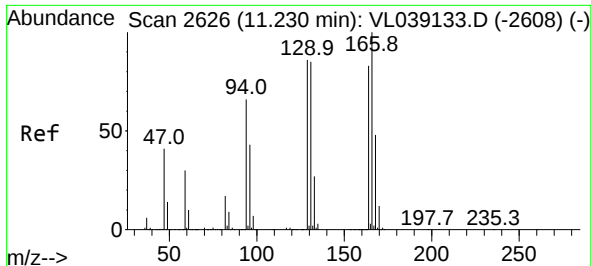
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#34
2-Butanone
Concen: 0.132 ppbv m
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

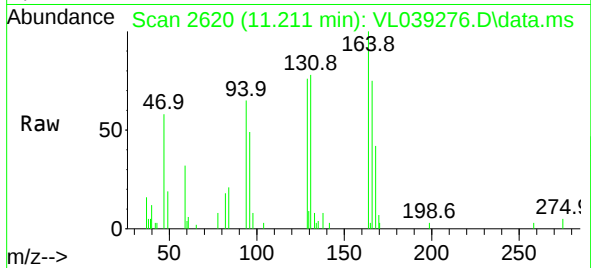
Tgt Ion: 43 Resp: 19124
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#52
Tetrachloroethene
Concen: 0.161 ppbv m
RT: 11.211 min Scan# 2626
Delta R.T. -0.019 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

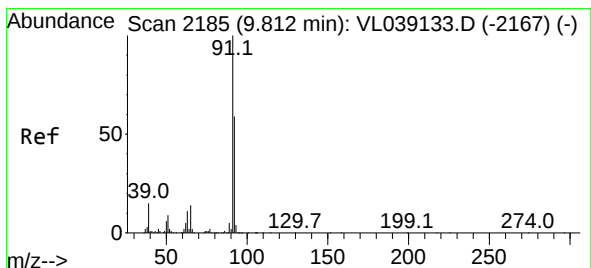
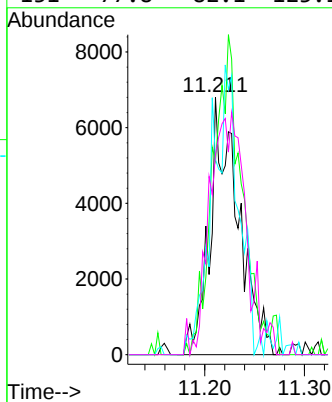
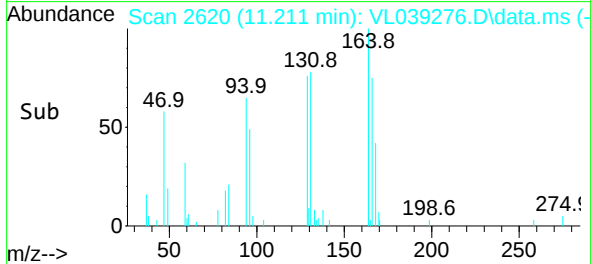
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:164 Resp: 13550
Ion Ratio Lower Upper
164 100
166 75.2 96.3 144.5
129 75.8 82.5 123.7
131 77.8 82.1 123.1#

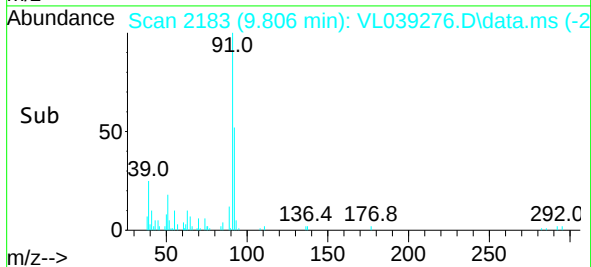
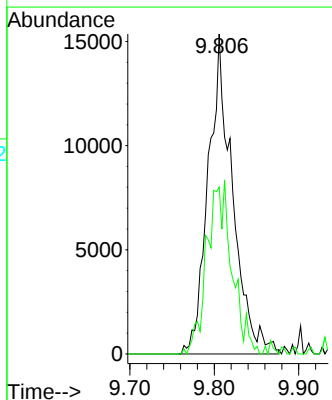
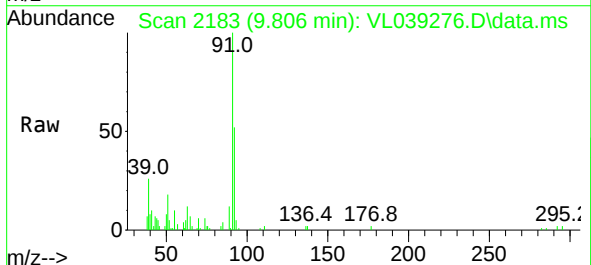
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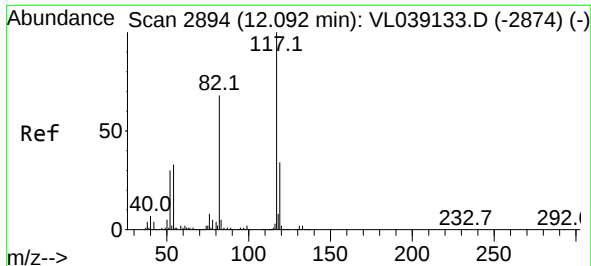
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#53
Toluene
Concen: 0.123 ppbv m
RT: 9.806 min Scan# 2183
Delta R.T. -0.006 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

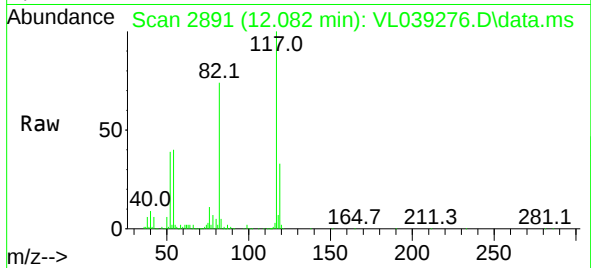
Tgt Ion: 91 Resp: 30623
Ion Ratio Lower Upper
91 100
92 56.1 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 217971
Delta R.T. -0.010 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33

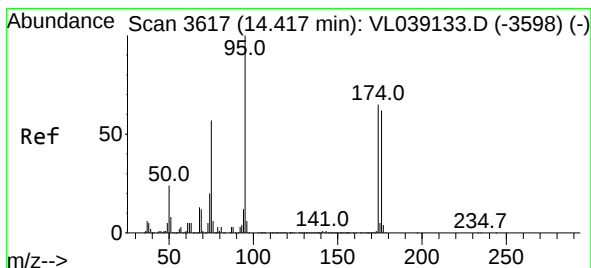
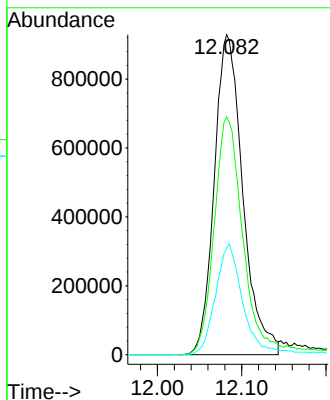
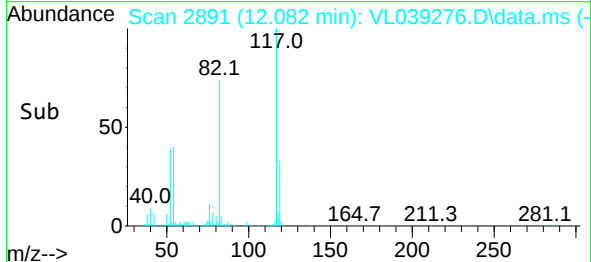
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



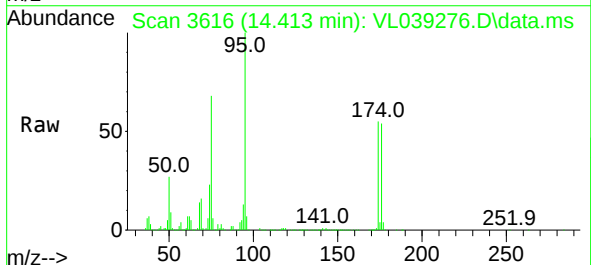
Tgt Ion: 117 Resp: 217971
Ion Ratio Lower Upper
117 100
82 78.6 55.1 82.7
119 34.1 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. -0.003 min
Lab File: VL039276.D
Acq: 14 Jun 2022 7:33



Tgt Ion: 95 Resp: 1834454
Ion Ratio Lower Upper
95 100
174 62.5 53.8 80.8
175 4.5 4.1 6.1

