

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039172.D
 Acq On : 4 Jun 2022 10:33
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 00:50:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 06 15:17:50 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	1250339	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	3384881	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2932658	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2305861	9.511	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.996	51	17067	0.107	ppbv	98
5) Vinyl Chloride	3.266	62	8349m	0.109	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	21256m	0.106	ppbv	
9) Propene	3.021	41	18094m	0.261	ppbv	
15) Acetone	3.873	43	28080m	0.216	ppbv	
26) Hexane	5.687	57	17442m	0.135	ppbv	
29) Chloroform	5.751	83	24780m	0.114	ppbv	
32) 1,1,1-Trichloroethane	6.507	97	18708m	0.088	ppbv	
35) Carbon Tetrachloride	7.018	117	18369m	0.074	ppbv	
38) Trichloroethene	7.835	130	13113m	0.104	ppbv	
52) Tetrachloroethene	11.220	164	9785m	0.091	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.667	83	15751m	0.084	ppbv	

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

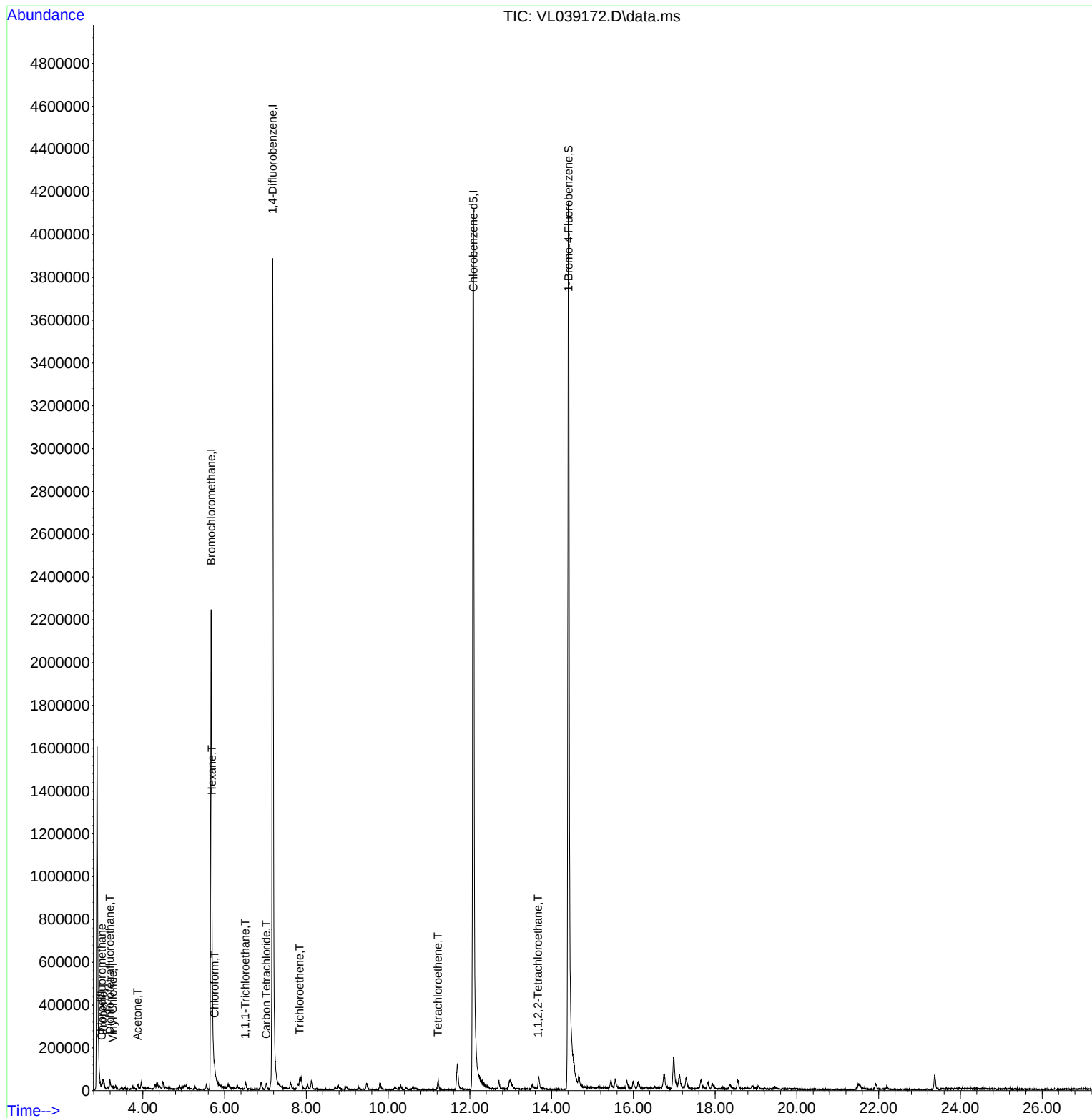
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
Data File : VL039172.D
Acq On : 4 Jun 2022 10:33
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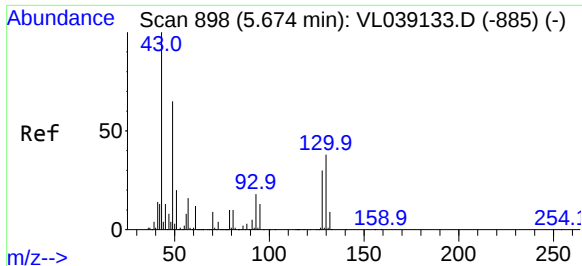
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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

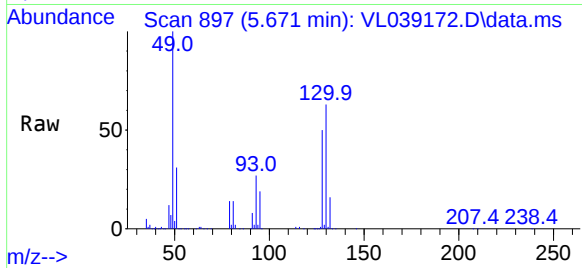
Quant Time: Jun 06 00:50:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

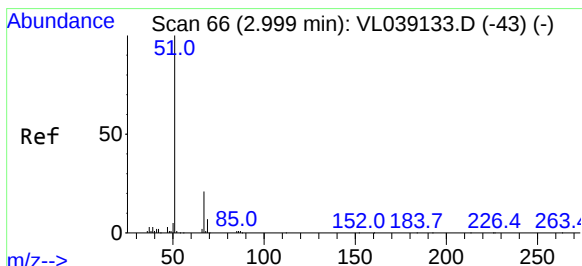
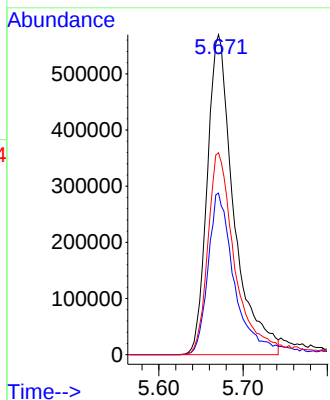
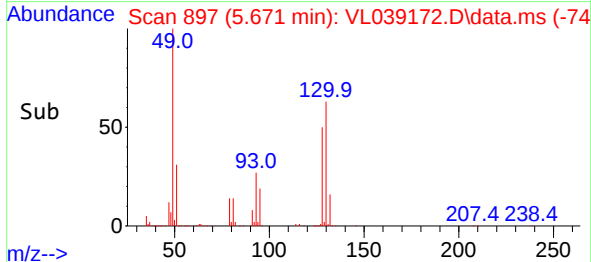
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



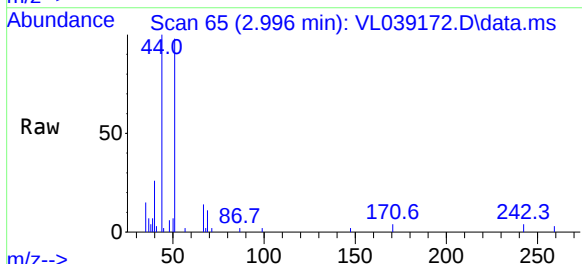
Tgt Ion: 49 Resp: 1250339
Ion Ratio Lower Upper
49 100
128 52.6 24.7 74.1
130 69.0 31.4 94.0

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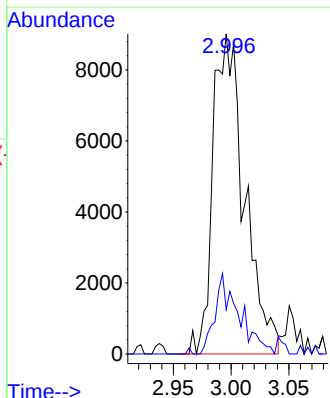
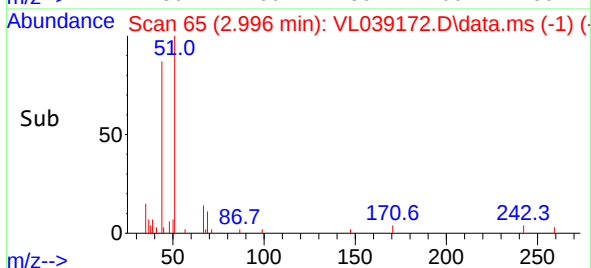
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

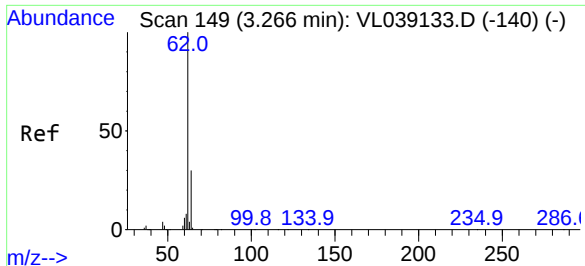


#3
Chlorodifluoromethane
Concen: 0.107 ppbv
RT: 2.996 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



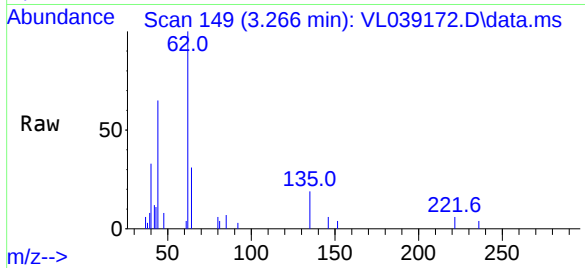
Tgt Ion: 51 Resp: 17067
Ion Ratio Lower Upper
51 100
67 21.2 16.2 24.4





#5
 Vinyl Chloride
 Concen: 0.109 ppbv m
 RT: 3.266 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VL039172.D
 Acq: 4 Jun 2022 10:33

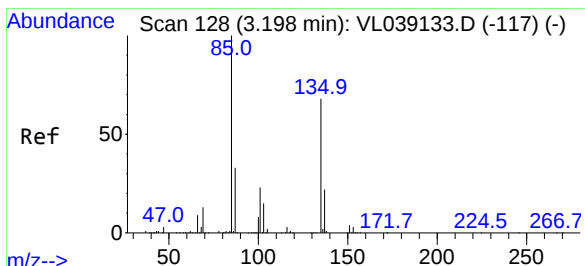
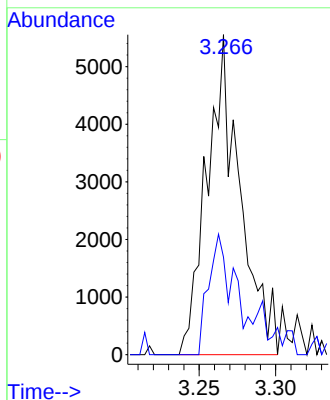
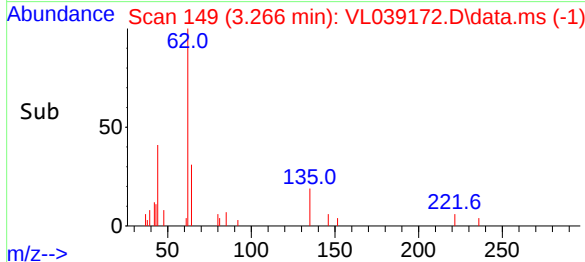
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



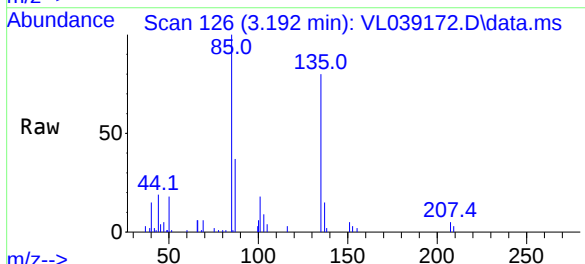
Tgt Ion: 62 Resp: 8349
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.2 36.2

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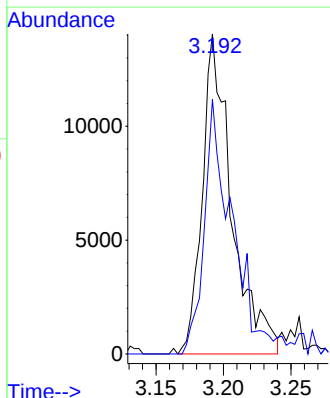
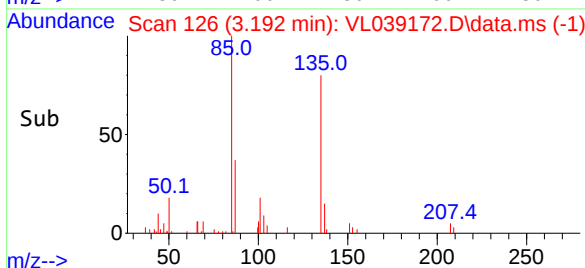
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

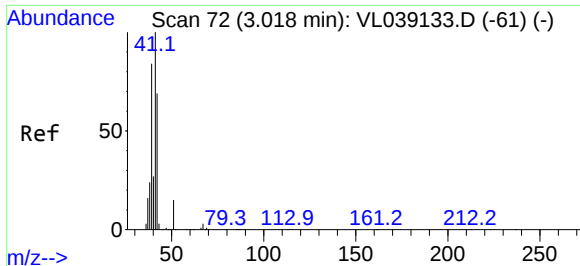


#8
 Dichlorotetrafluoroethane
 Concen: 0.106 ppbv m
 RT: 3.192 min Scan# 126
 Delta R.T. -0.006 min
 Lab File: VL039172.D
 Acq: 4 Jun 2022 10:33



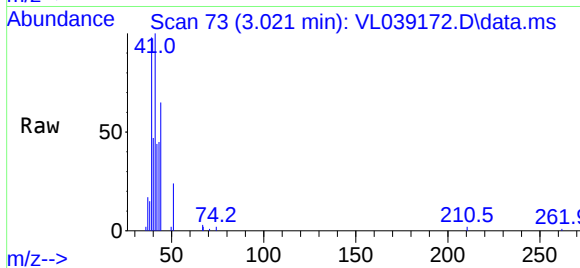
Tgt Ion: 85 Resp: 21256
 Ion Ratio Lower Upper
 85 100
 135 80.0 55.0 82.4





#9
Propene
Concen: 0.261 ppbv m
RT: 3.021 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

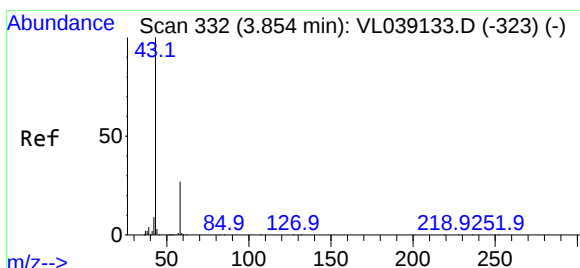
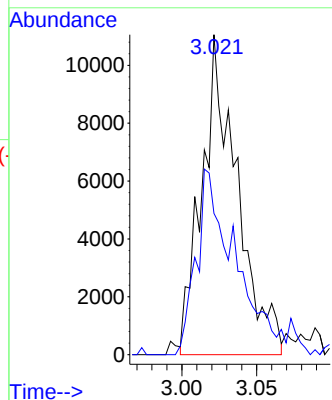
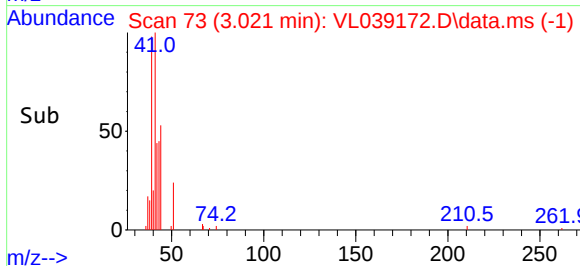
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



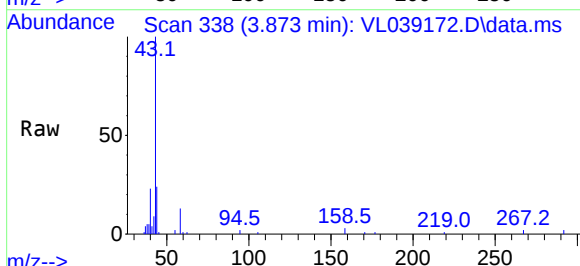
Tgt Ion: 41 Resp: 18094
Ion Ratio Lower Upper
41 100
42 68.4 55.4 83.2

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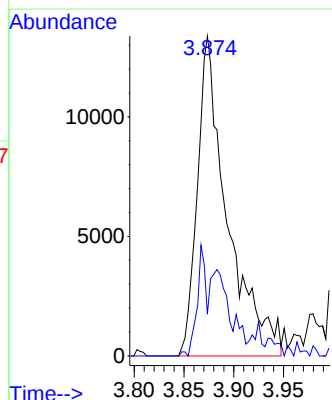
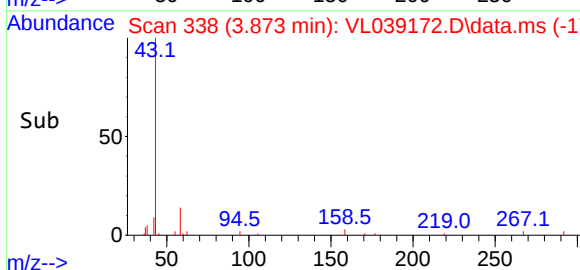
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

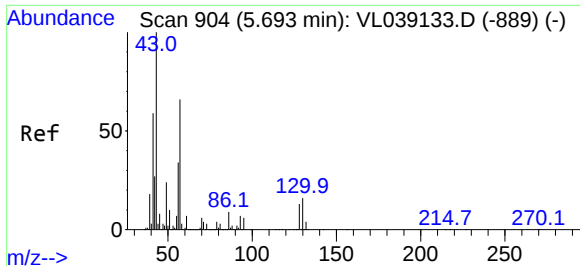


#15
Acetone
Concen: 0.216 ppbv m
RT: 3.873 min Scan# 338
Delta R.T. 0.019 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



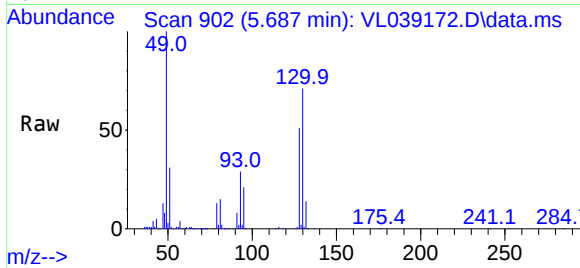
Tgt Ion: 43 Resp: 28080
Ion Ratio Lower Upper
43 100
58 33.7 22.5 33.7#





#26
Hexane
Concen: 0.135 ppbv m
RT: 5.687 min Scan# 904
Delta R.T. -0.006 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

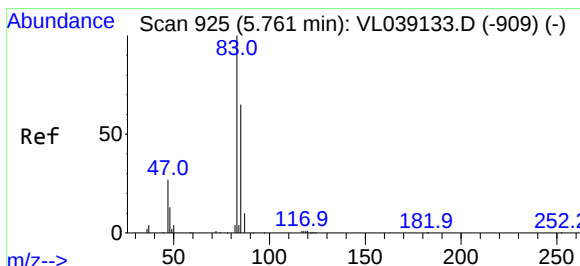
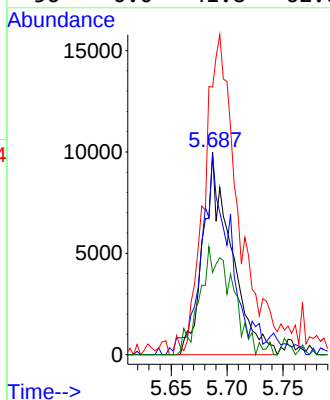
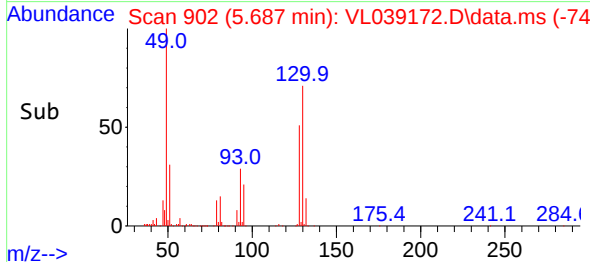
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 57 Resp: 17442
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6
43 211.9 187.0 280.6
56 0.0 41.8 62.6#

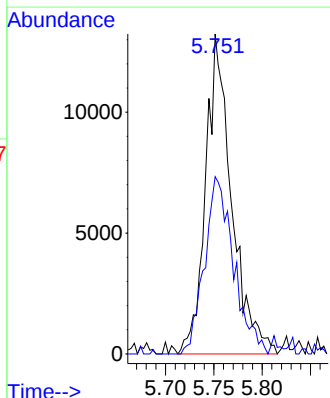
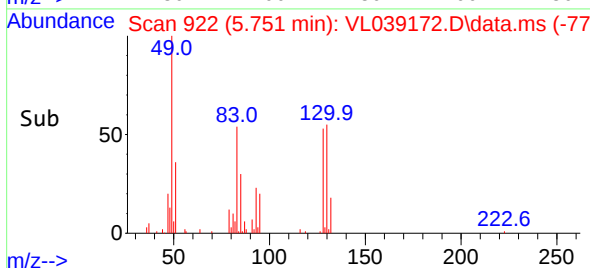
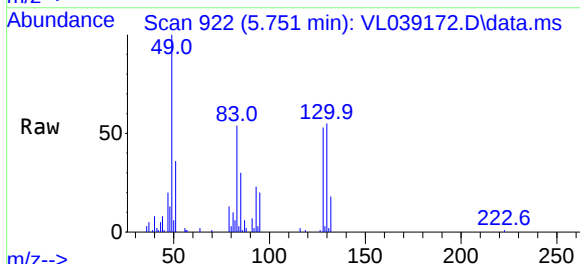
Manual Integrations
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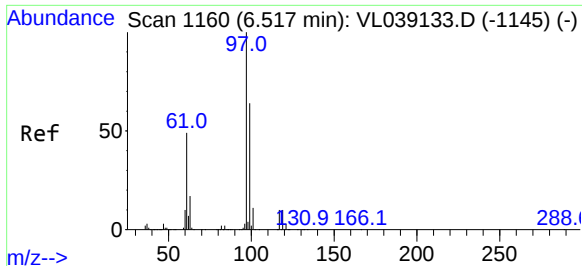
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#29
Chloroform
Concen: 0.114 ppbv m
RT: 5.751 min Scan# 922
Delta R.T. -0.010 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

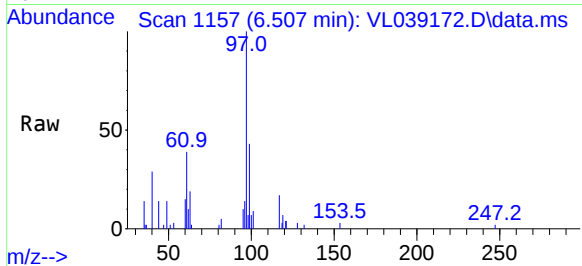
Tgt Ion: 83 Resp: 24780
Ion Ratio Lower Upper
83 100
85 55.4 52.4 78.6





#32
1,1,1-Trichloroethane
Concen: 0.088 ppbv m
RT: 6.507 min Scan# 1160
Delta R.T. -0.010 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

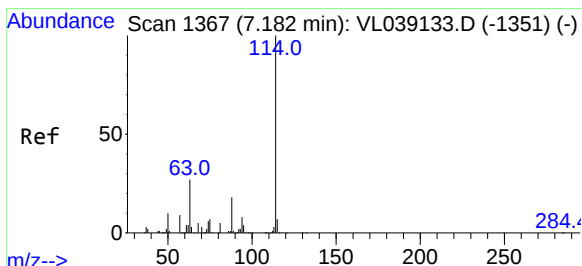
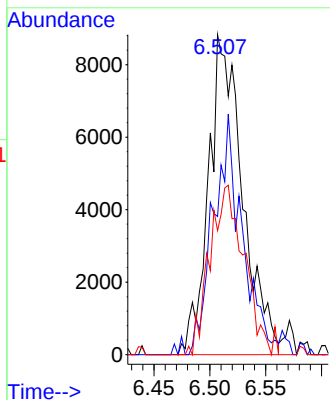
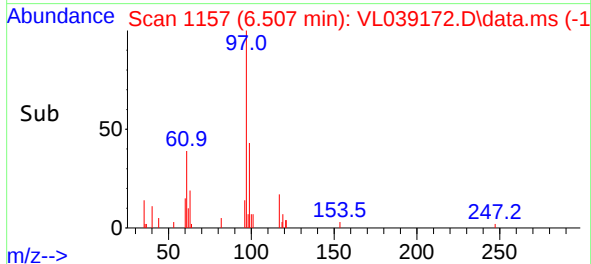
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



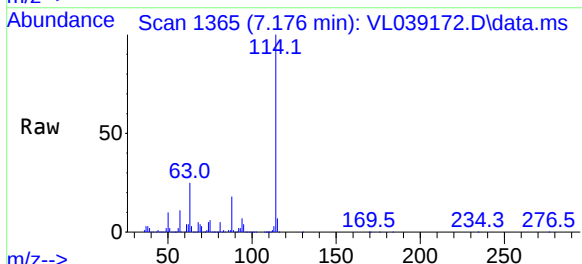
Tgt Ion: 97 Resp: 18708
Ion Ratio Lower Upper
97 100
99 66.7 52.1 78.1
61 53.7 40.0 60.0

Manual Integrations
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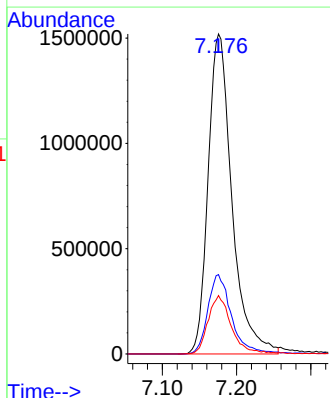
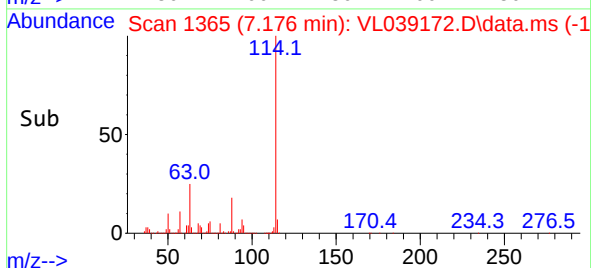
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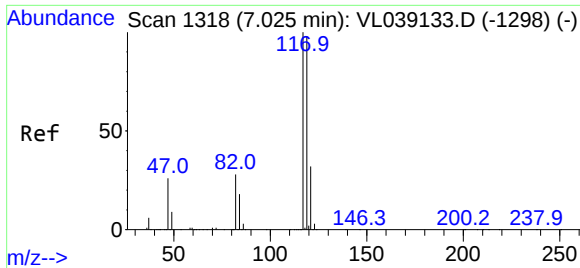


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



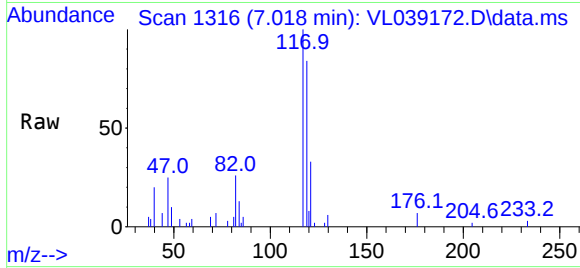
Tgt Ion:114 Resp: 3384881
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 17.9 14.8 22.2





#35
Carbon Tetrachloride
Concen: 0.074 ppbv m
RT: 7.018 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

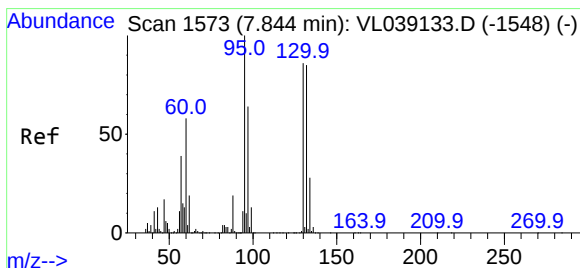
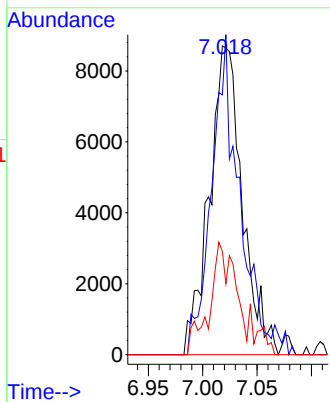
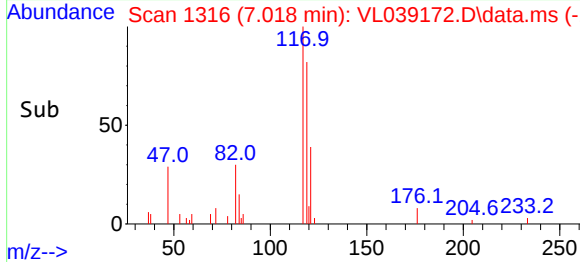
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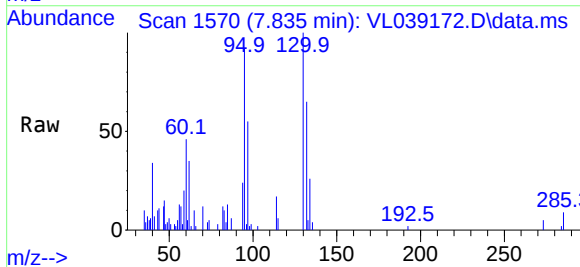
Tgt Ion:117 Resp: 18369
Ion Ratio Lower Upper
117 100
119 84.1 78.6 118.0
121 33.4 25.4 38.0

Manual Integrations
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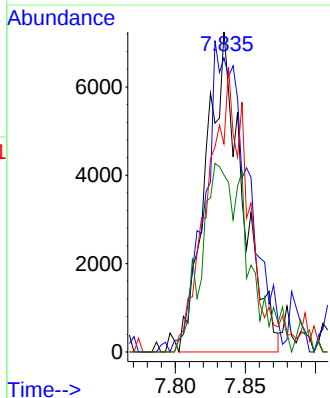
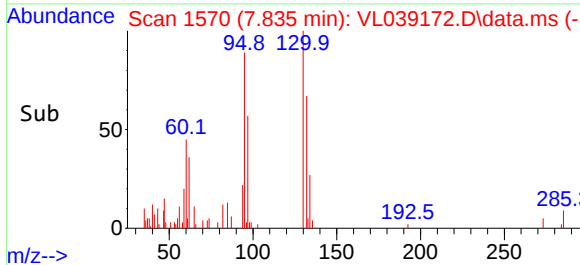
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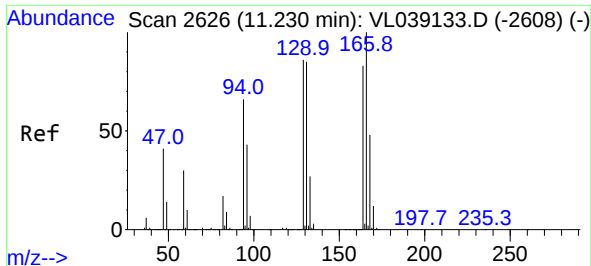


#38
Trichloroethene
Concen: 0.104 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



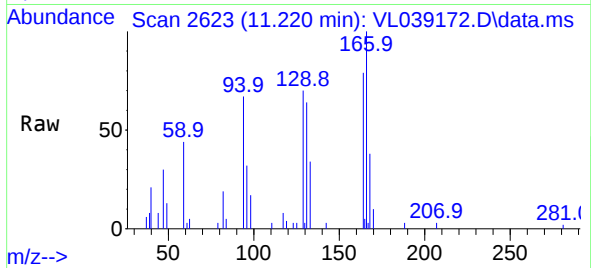
Tgt Ion:130 Resp: 13113
Ion Ratio Lower Upper
130 100
95 91.9 93.3 139.9#
132 65.0 79.0 118.4#
97 55.3 59.4 89.2#





#52
Tetrachloroethene
Concen: 0.091 ppbv m
RT: 11.220 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

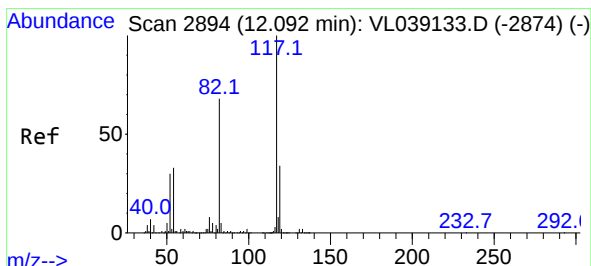
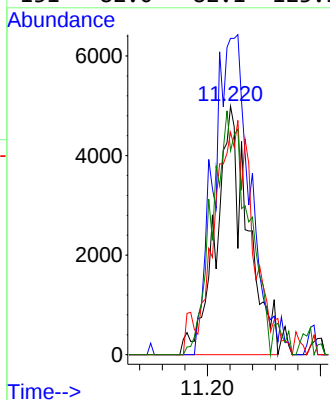
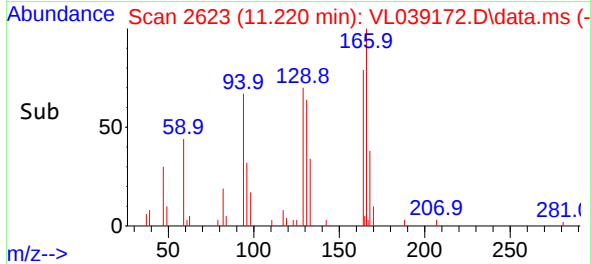
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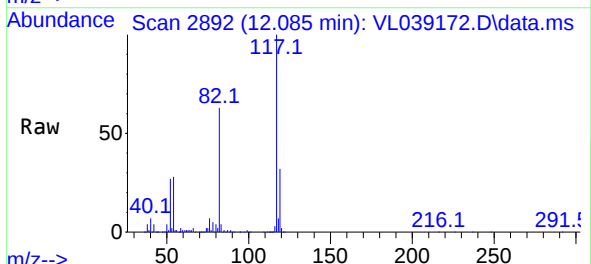
Tgt Ion:164 Resp: 9785
Ion Ratio Lower Upper
164 100
166 127.3 96.3 144.5
129 89.5 82.5 123.7
131 82.0 82.1 123.1#

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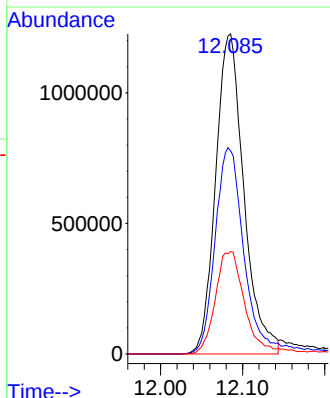
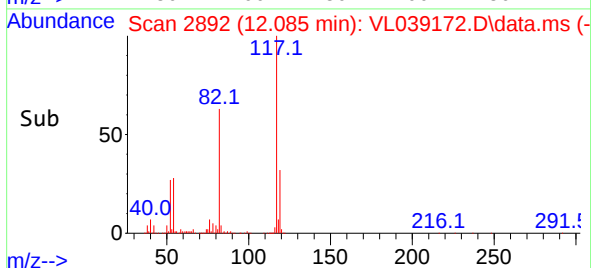
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Supervised By :Mahesh Dadoda 06/06/2022

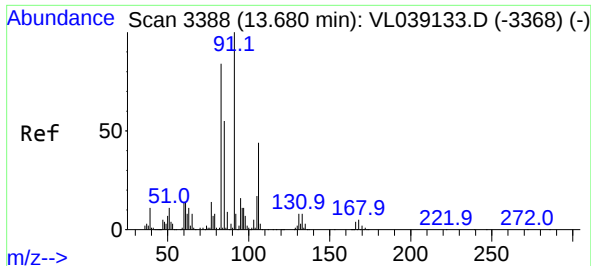


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.006 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



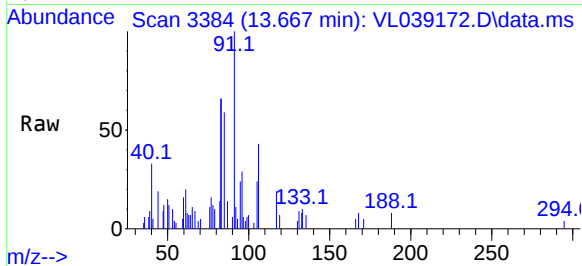
Tgt Ion:117 Resp: 2932658
Ion Ratio Lower Upper
117 100
82 69.7 55.1 82.7
119 33.8 24.7 37.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.084 ppbv m
RT: 13.667 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33

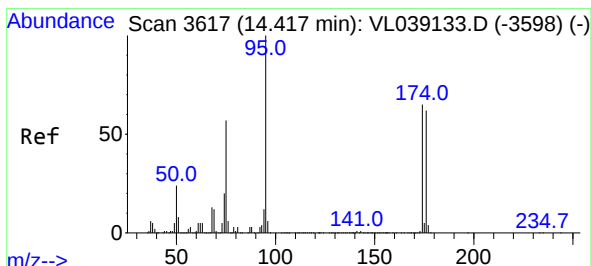
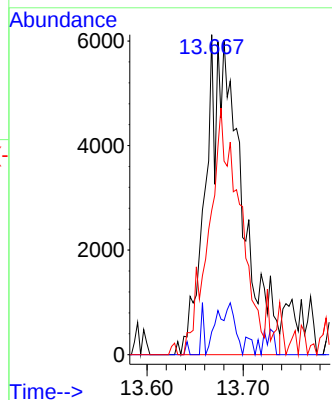
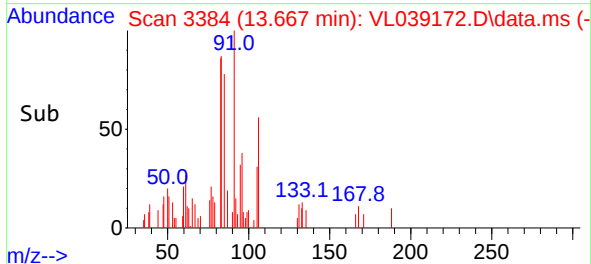
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



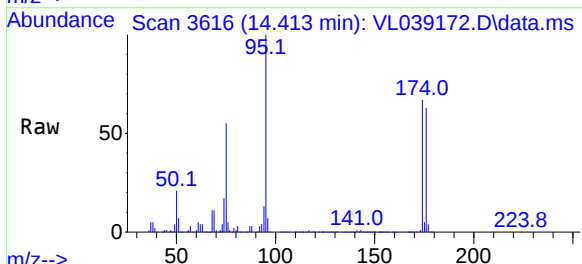
Tgt Ion: 83 Resp: 1575
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 33.0 99.0

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.511 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. -0.003 min
Lab File: VL039172.D
Acq: 4 Jun 2022 10:33



Tgt Ion: 95 Resp: 2305861
Ion Ratio Lower Upper
95 100
174 71.0 53.8 80.8
175 5.3 4.1 6.1

