

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038996.D
 Acq On : 9 May 2022 21:02
 Operator : SY/AP
 Sample : N2724-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:47:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1291110	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	3246230	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2913421	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	2229976	9.665	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
2) Dichlorodifluoromethane	3.038	85	24183m	0.120	ppbv	Qvalue
3) Chlorodifluoromethane	2.980	51	689934	4.306	ppbv	95
9) Propene	2.999	41	52990m	0.757	ppbv	
10) Heptane	8.089	43	42949m	0.250	ppbv	
13) Ethanol	3.610	45	12409m	2.506	ppbv	
15) Acetone	3.848	43	78387	0.644	ppbv #	53
20) Methylene Chloride	4.340	84	58206	1.268	ppbv #	80
23) Vinyl Acetate	5.057	43	3793045	39.361	ppbv	99
26) Hexane	5.674	57	326653	2.522	ppbv #	23
29) Chloroform	5.735	83	459932	2.195	ppbv	98
34) 2-Butanone	5.237	43	154787m	0.935	ppbv	
51) 2-Hexanone	10.111	43	94399m	0.445	ppbv	
52) Tetrachloroethene	11.195	164	706623	7.118	ppbv	95

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

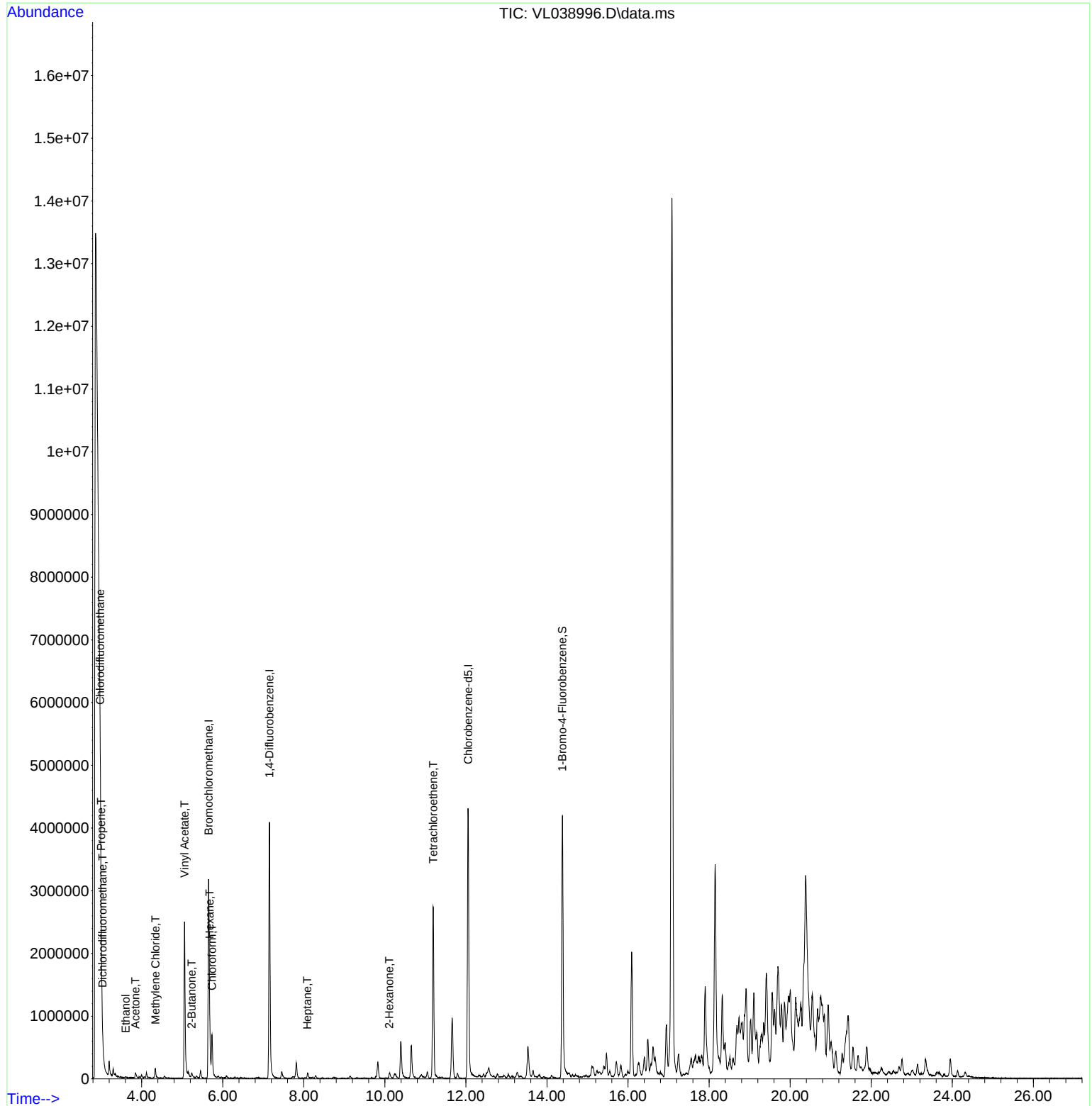
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
Data File : VL038996.D
Acq On : 9 May 2022 21:02
Operator : SY/AP
Sample : N2724-01DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

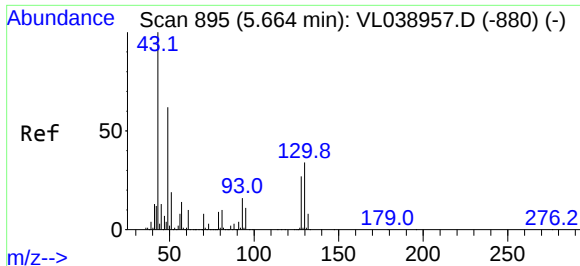
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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Reviewed By : Semsettin Yesilyurt 05/10/2022
Supervised By : Mahesh Dadoda 05/11/2022

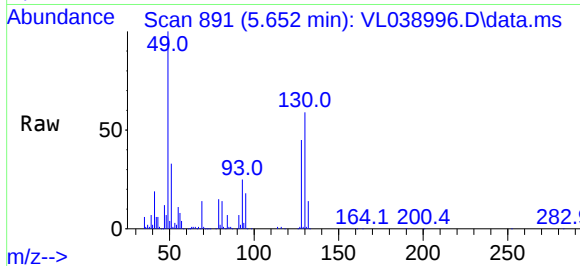
Quant Time: May 10 05:47:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.013 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

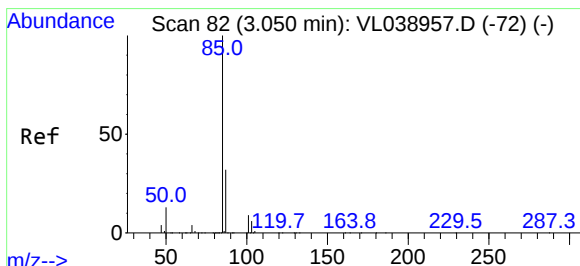
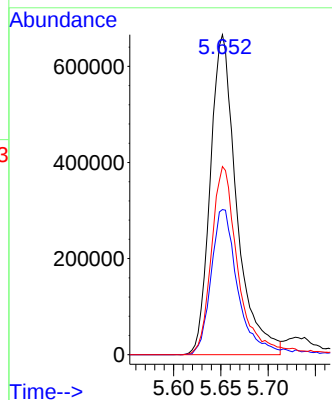
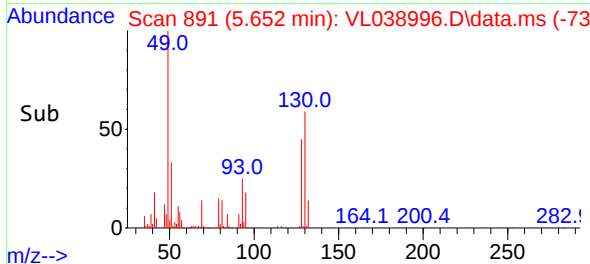
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1291110
Ion Ratio Lower Upper
49 100
128 47.9 23.3 69.8
130 61.7 29.8 89.3

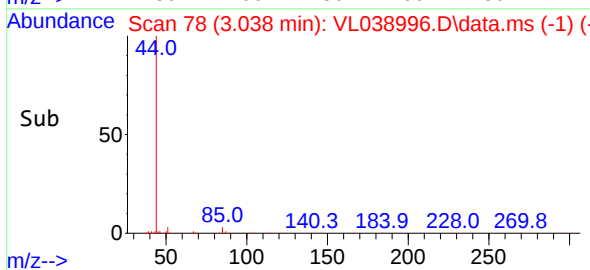
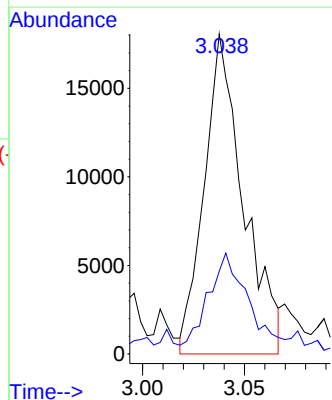
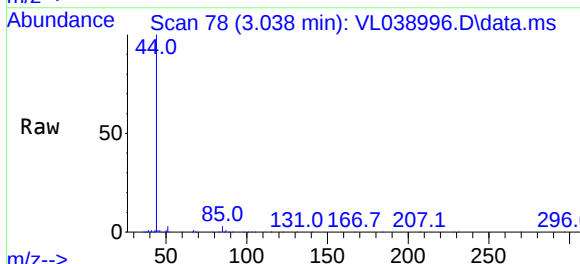
Manual Integrations
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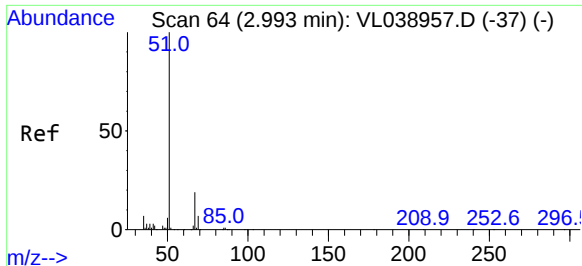
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#2
Dichlorodifluoromethane
Concen: 0.120 ppbv m
RT: 3.038 min Scan# 78
Delta R.T. -0.013 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

Tgt Ion: 85 Resp: 24183
Ion Ratio Lower Upper
85 100
87 25.8 25.7 38.5





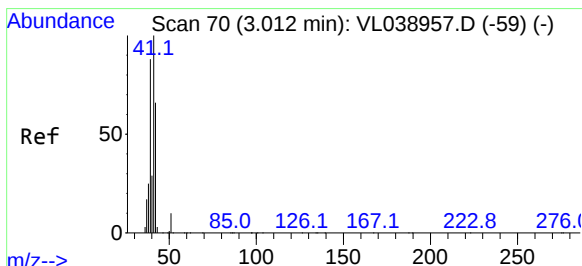
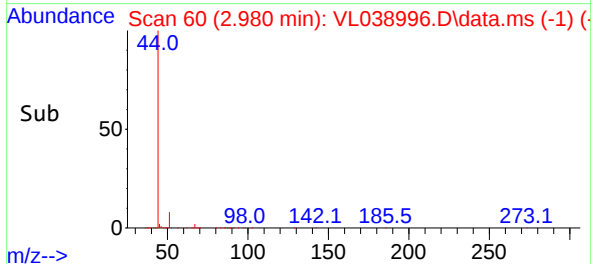
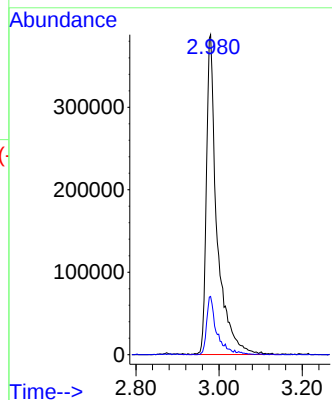
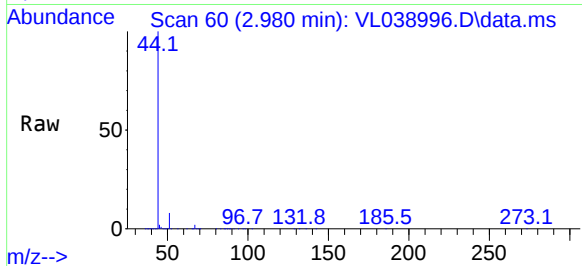
#3
Chlorodifluoromethane
Concen: 4.306 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 51 Resp: 689934
Ion Ratio Lower Upper
51 100
67 17.6 15.8 23.8

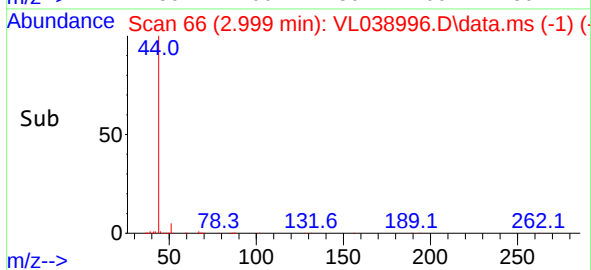
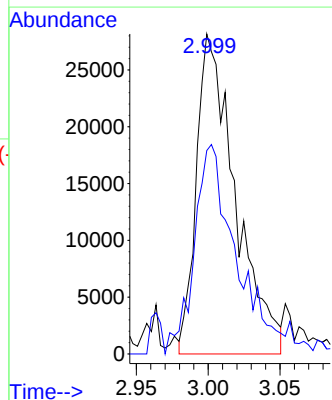
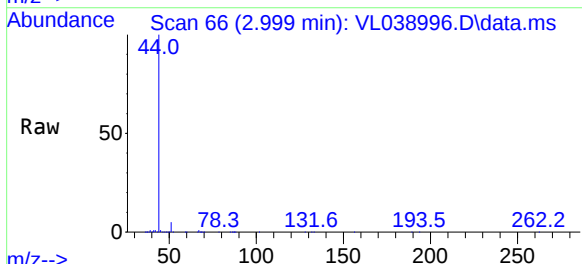
Manual Integrations
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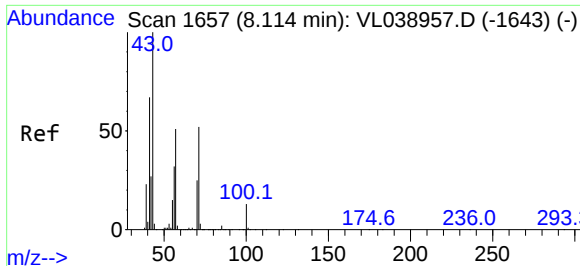
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#9
Propene
Concen: 0.757 ppbv m
RT: 2.999 min Scan# 66
Delta R.T. -0.013 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

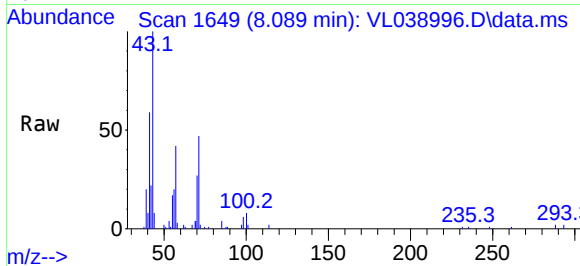
Tgt Ion: 41 Resp: 52990
Ion Ratio Lower Upper
41 100
42 77.4 58.3 87.5





#10
Heptane
Concen: 0.250 ppbv m
RT: 8.089 min Scan# 10
Delta R.T. -0.026 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

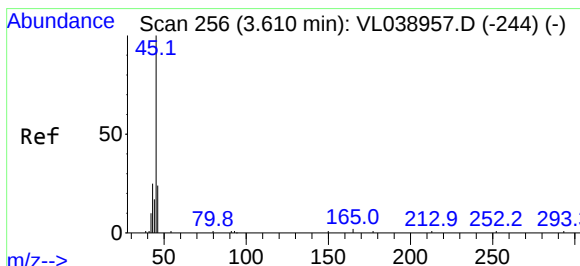
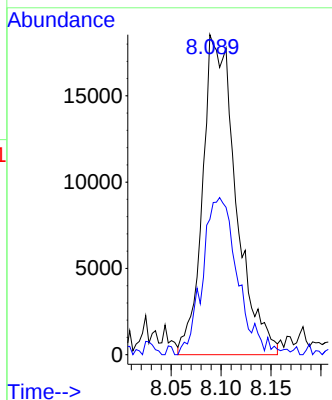
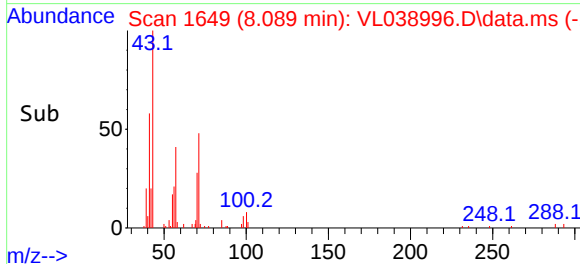
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



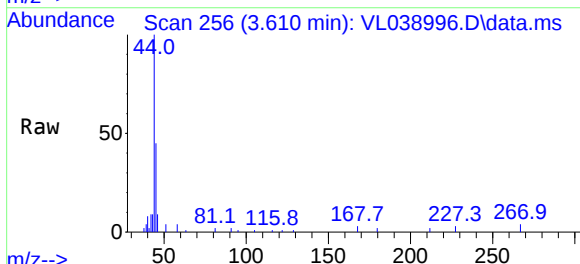
Tgt Ion: 43 Resp: 42949
Ion Ratio Lower Upper
43 100
57 52.2 40.5 60.7

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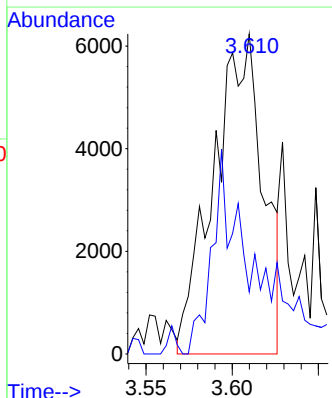
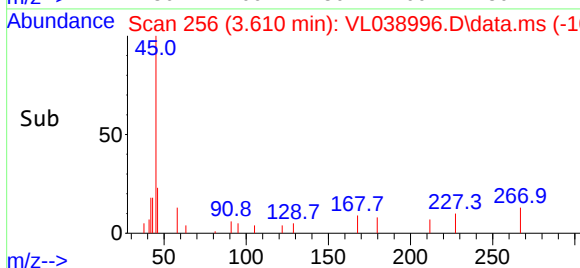
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

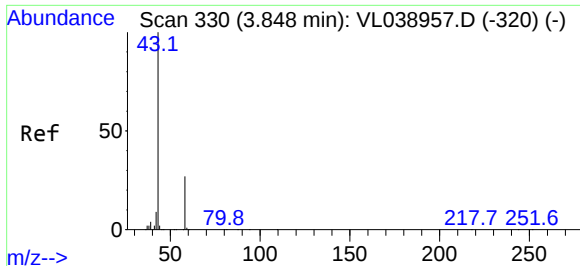


#13
Ethanol
Concen: 2.506 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. 0.000 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02



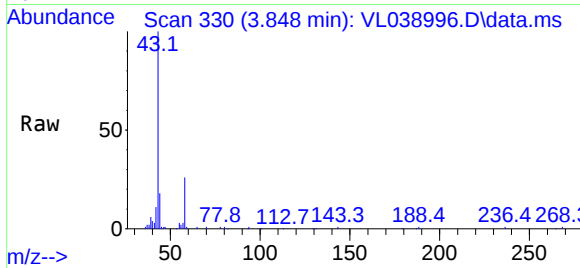
Tgt Ion: 45 Resp: 12409
Ion Ratio Lower Upper
45 100
46 60.8 18.0 72.2





#15
Acetone
Concen: 0.644 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

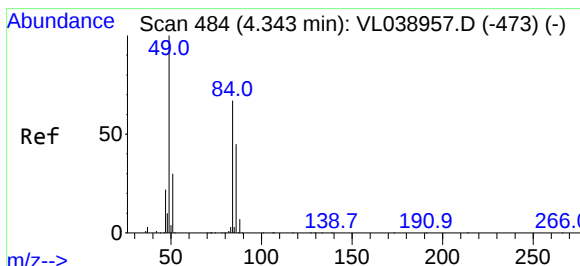
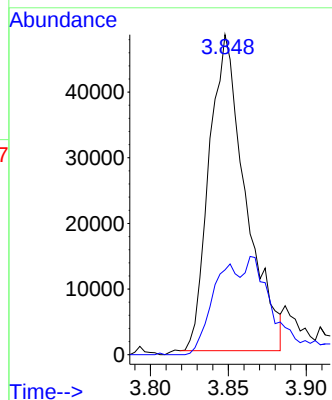
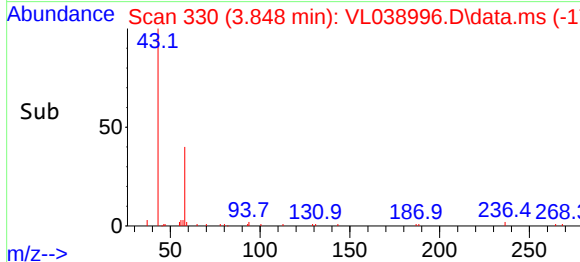
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



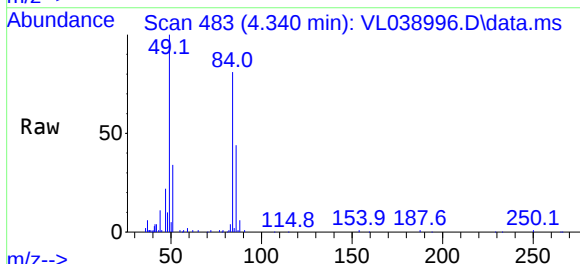
Tgt Ion: 43 Resp: 7838
Ion Ratio Lower Upper
43 100
58 50.5 21.3 31.9

Manual Integrations
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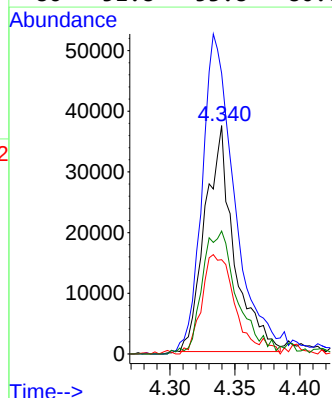
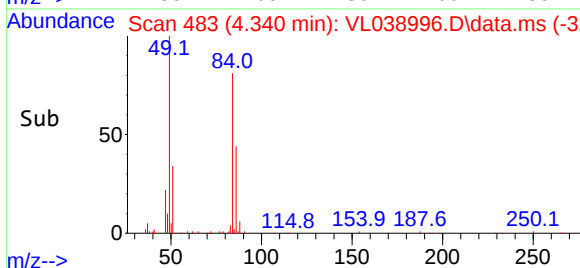
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

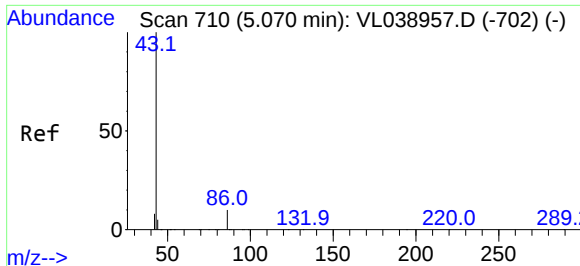


#20
Methylene Chloride
Concen: 1.268 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.003 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02



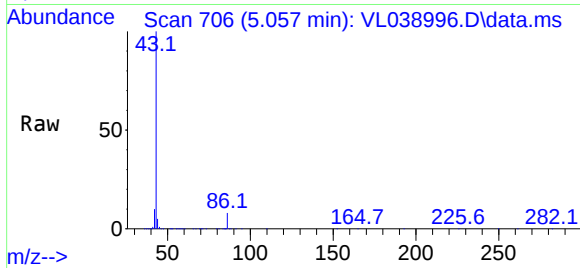
Tgt Ion: 84 Resp: 58206
Ion Ratio Lower Upper
84 100
49 119.2 119.9 179.9#
51 41.7 35.7 53.5
86 51.8 53.8 80.6#





#23
 Vinyl Acetate
 Concen: 39.361 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL038996.D
 Acq: 9 May 2022 21:02

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

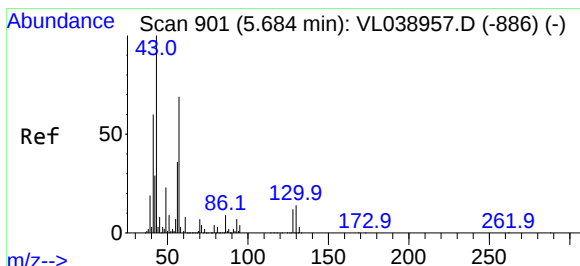
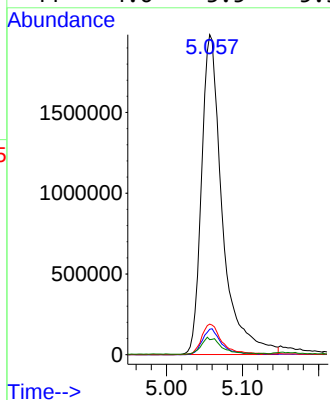
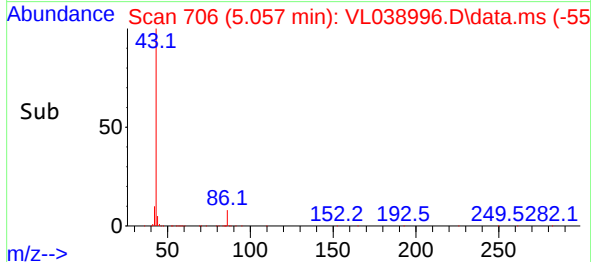


Tgt Ion: 43 Resp: 3793049

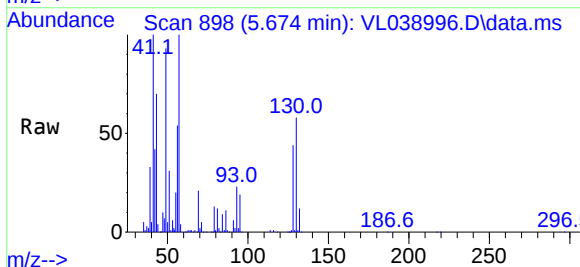
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.6	9.8
42	9.5	8.1	12.1
44	4.6	3.5	5.3

Manual Integrations
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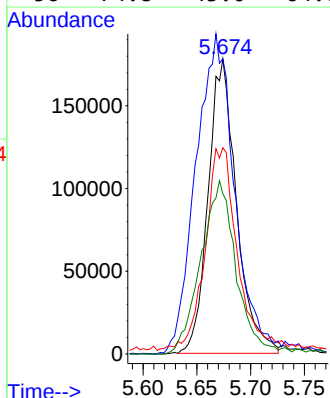
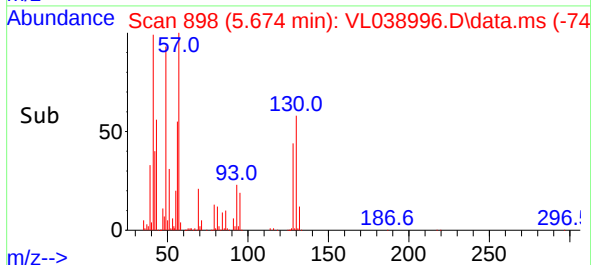


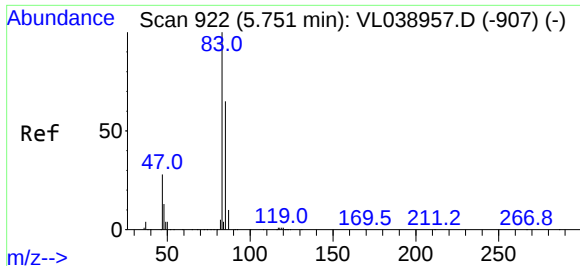
#26
 Hexane
 Concen: 2.522 ppbv
 RT: 5.674 min Scan# 898
 Delta R.T. -0.010 min
 Lab File: VL038996.D
 Acq: 9 May 2022 21:02



Tgt Ion: 57 Resp: 326653

Ion	Ratio	Lower	Upper
57	100		
41	153.0	75.2	112.8#
43	79.7	190.8	286.2#
56	74.8	43.0	64.6#





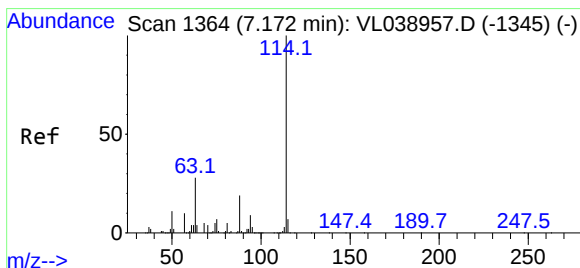
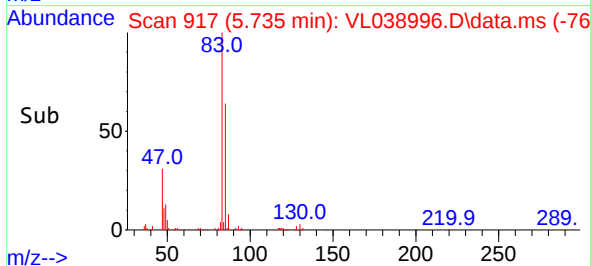
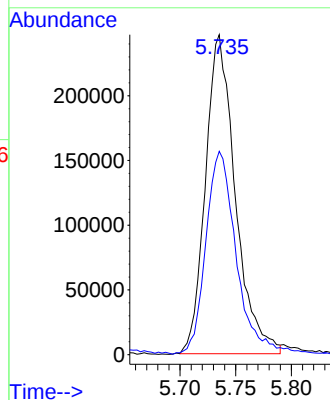
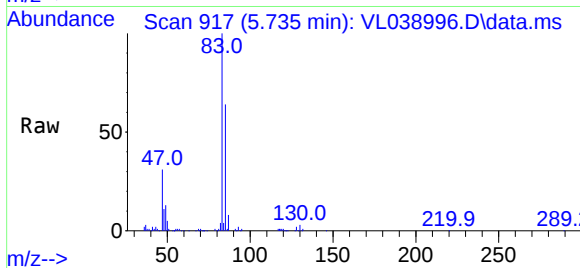
#29
Chloroform
Concen: 2.195 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 83 Resp: 459932
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6

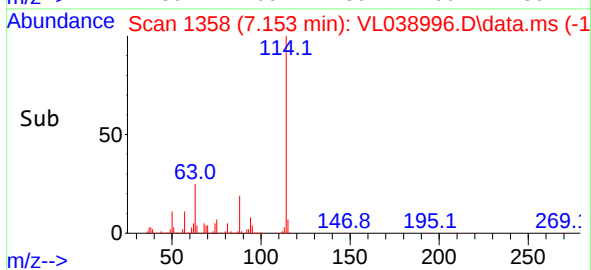
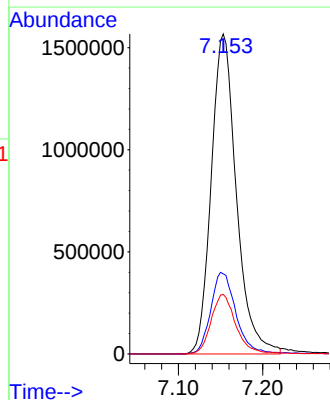
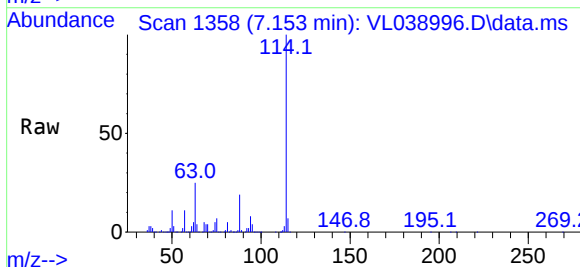
Manual Integrations
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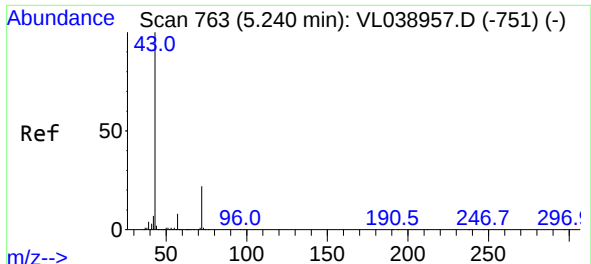
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.019 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

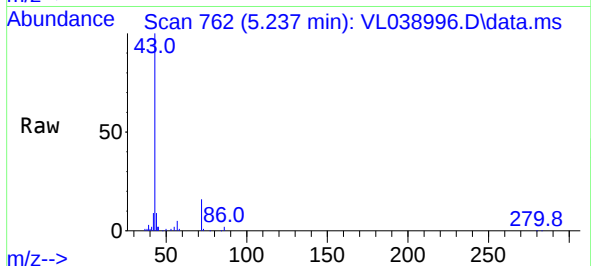
Tgt Ion:114 Resp: 3246230
Ion Ratio Lower Upper
114 100
63 26.1 22.6 33.8
88 18.5 15.4 23.0





#34
2-Butanone
Concen: 0.935 ppbv m
RT: 5.237 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

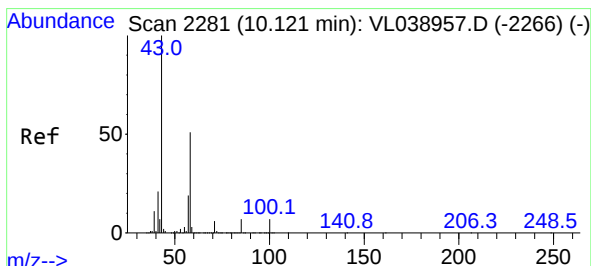
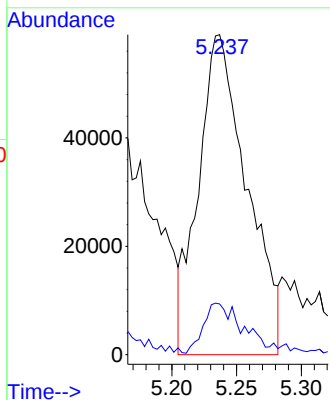
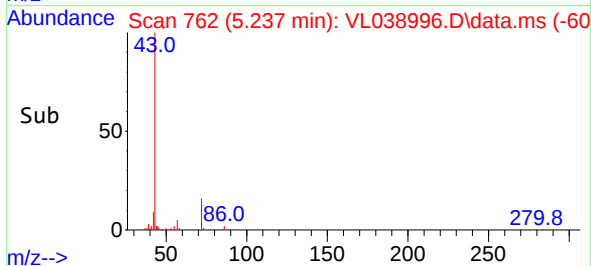
Instrument :
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ClientSampleId :
SV1DL



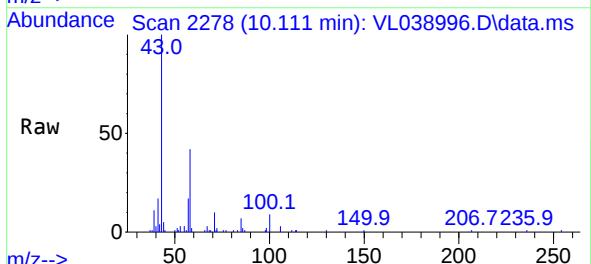
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Ion Ratio Lower Upper
43 100
72 15.0 17.8 26.6

Manual Integrations
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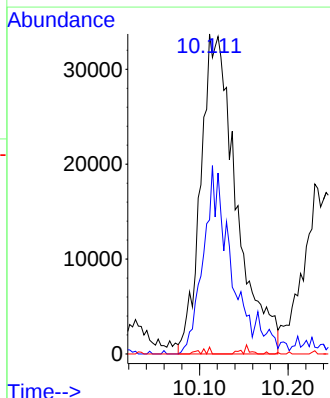
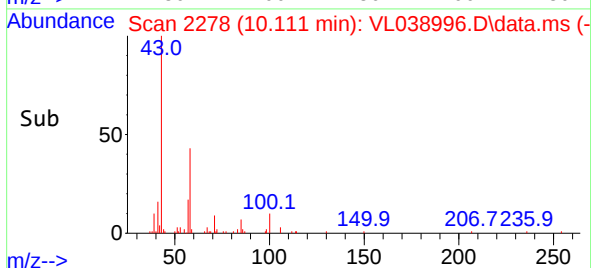
Reviewed By :Semsettin Yesilyurt 05/10/2022
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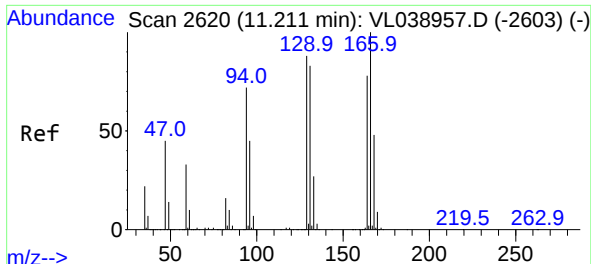


#51
2-Hexanone
Concen: 0.445 ppbv m
RT: 10.111 min Scan# 2278
Delta R.T. -0.010 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02



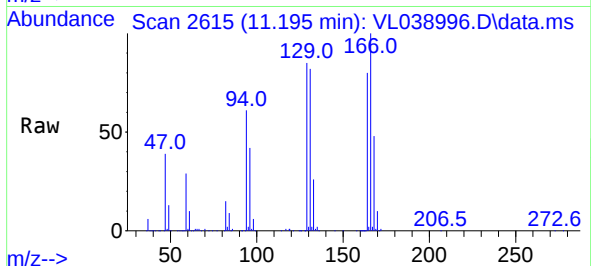
Tgt Ion: 43 Resp: 94399
Ion Ratio Lower Upper
43 100
58 48.2 39.3 58.9
98 0.4 0.2 0.2





#52
Tetrachloroethene
Concen: 7.118 ppbv
RT: 11.195 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

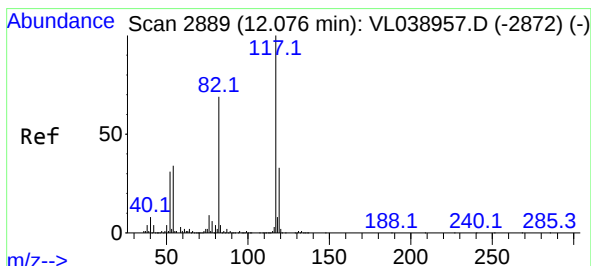
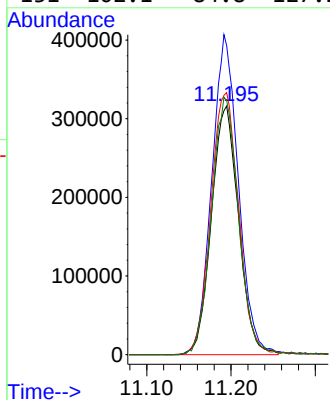
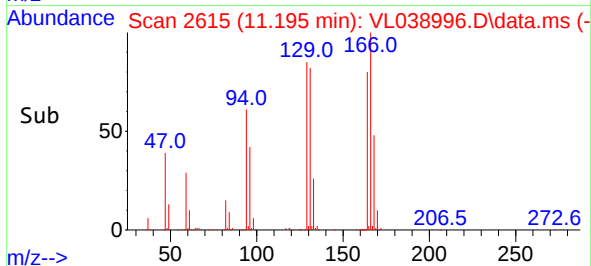
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



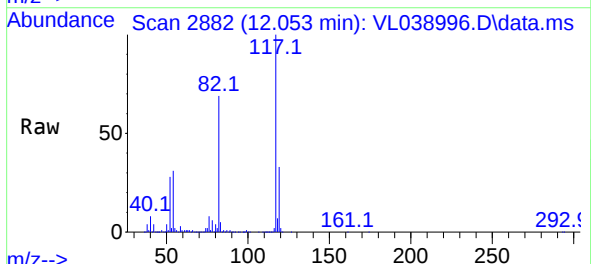
Tgt Ion:164 Resp: 706623
Ion Ratio Lower Upper
164 100
166 124.3 102.5 153.7
129 105.2 90.1 135.1
131 102.1 84.8 127.2

Manual Integrations
APPROVED

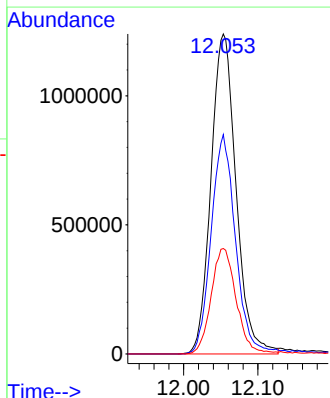
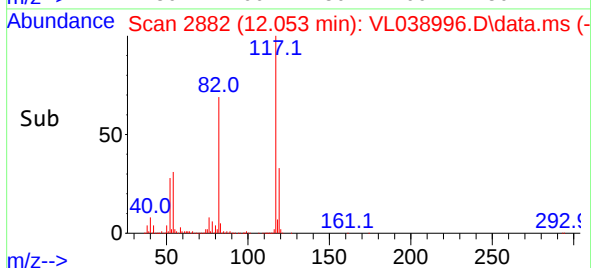
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

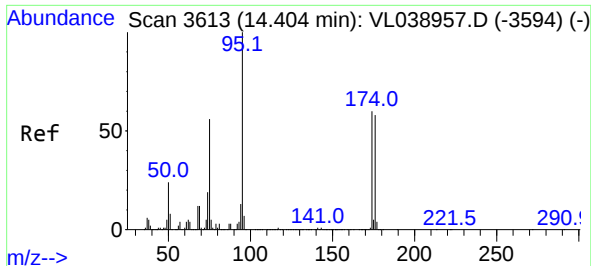


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.022 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02



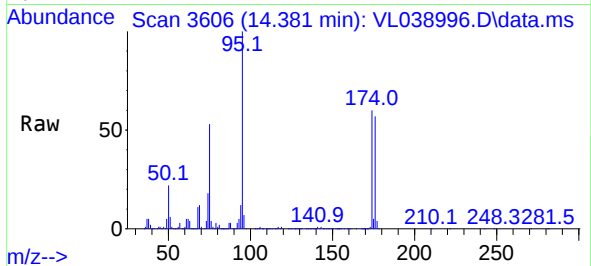
Tgt Ion:117 Resp: 2913421
Ion Ratio Lower Upper
117 100
82 68.0 57.0 85.6
119 33.6 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.665 ppbv
RT: 14.381 min Scan# 30
Delta R.T. -0.022 min
Lab File: VL038996.D
Acq: 9 May 2022 21:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 95 Resp: 2229970
Ion Ratio Lower Upper
95 100
174 64.4 50.8 76.2
175 4.7 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

