

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038355.D
 Acq On : 15 Feb 2022 00:37
 Operator : SY/AP
 Sample : N1490-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 08:18:52 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.636	49	669108	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene	7.140	114	2364755	10.000	ppbv	-0.04
55) Chlorobenzene-d5	12.047	117	2078592	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1712718	10.856	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.977	51	328039	2.463	ppbv	100
9) Propene	3.009	41	39032	0.900	ppbv #	78
13) Ethanol	3.610	45	25671m	5.515	ppbv	
15) Acetone	3.845	43	88879	1.507	ppbv	90
20) Methylene Chloride	4.321	84	21734m	0.634	ppbv	
22) trans-1,2-Dichloroethene	4.857	96	7528	0.200	ppbv #	89
26) Hexane	5.658	57	93154	1.213	ppbv #	26
31) cis-1,2-Dichloroethene	5.520	61	158739	2.369	ppbv	98
34) 2-Butanone	5.234	43	21959m	0.284	ppbv	
38) Trichloroethene	7.796	130	441597	5.667	ppbv	97
50) 4-Methyl-2-Pentanone	8.729	43	26805m	0.194	ppbv	
52) Tetrachloroethene	11.204	164	8775574	121.729	ppbv	90

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

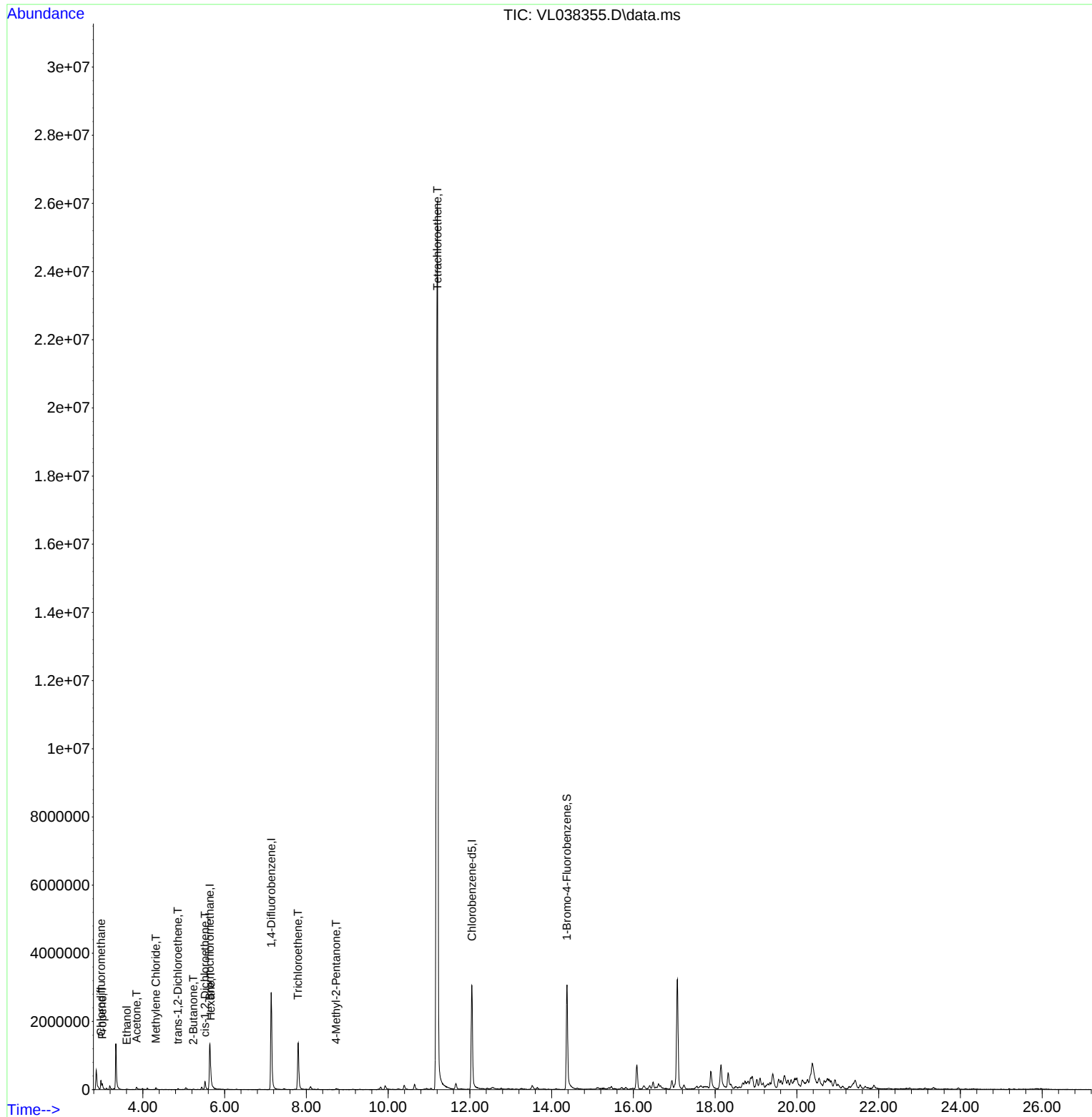
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038355.D
Acq On : 15 Feb 2022 00:37
Operator : SY/AP
Sample : N1490-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

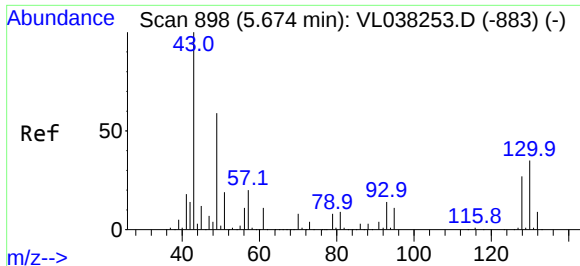
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Feb 15 08:18:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

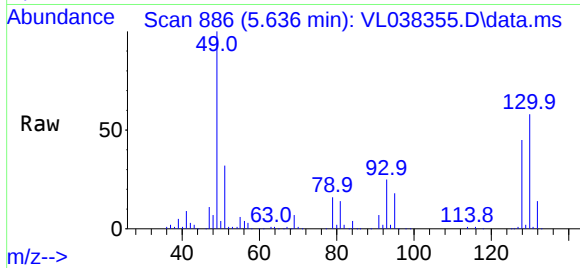
Reviewed By : Semsettin Yesilyurt 02/15/2022
Supervised By : Mahesh Dadoda 02/18/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.636 min Scan# 81
Delta R.T. -0.039 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

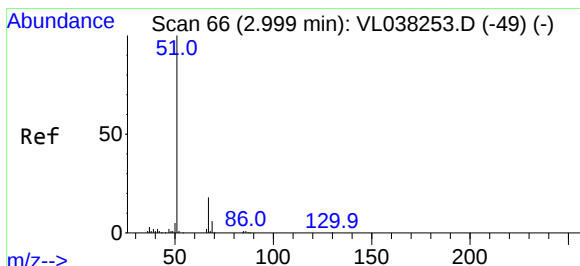
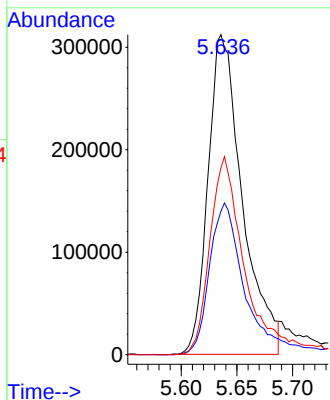
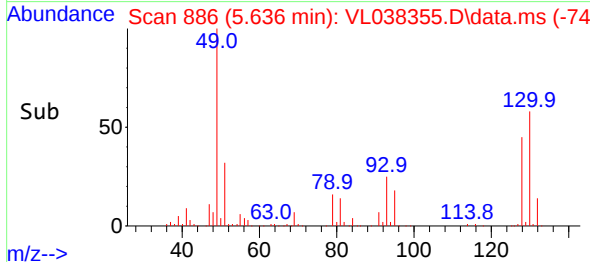
Instrument :
MSVOA_L
ClientSampleId :
SV1



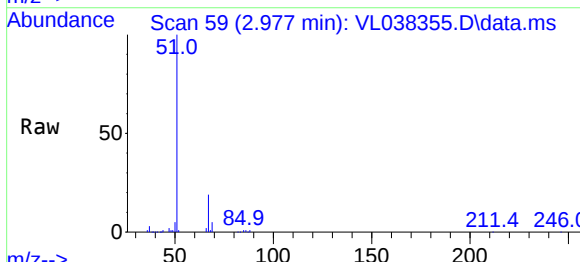
Tgt Ion: 49 Resp: 669108
Ion Ratio Lower Upper
49 100
128 51.7 24.5 73.5
130 66.7 30.1 90.5

Manual Integrations
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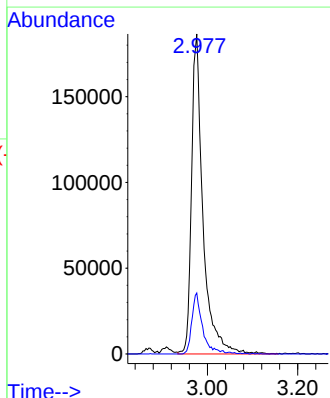
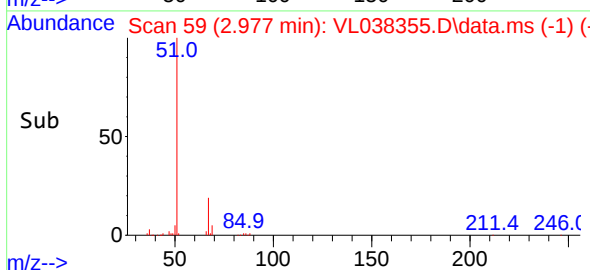
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

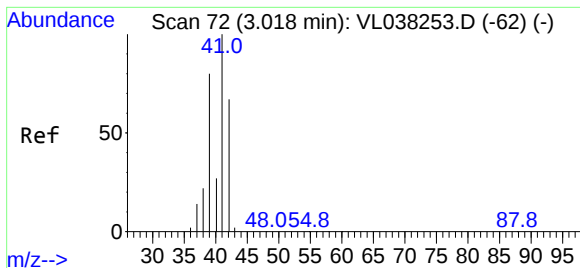


#3
Chlorodifluoromethane
Concen: 2.463 ppbv
RT: 2.977 min Scan# 59
Delta R.T. -0.022 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37



Tgt Ion: 51 Resp: 328039
Ion Ratio Lower Upper
51 100
67 18.2 14.4 21.6





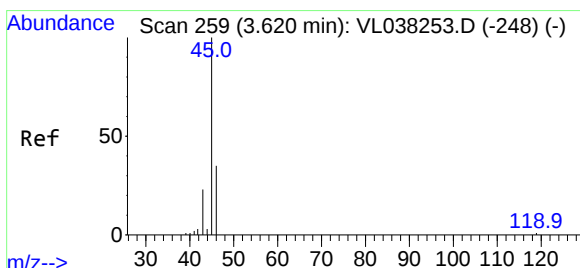
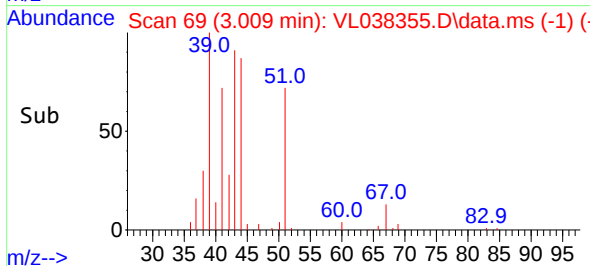
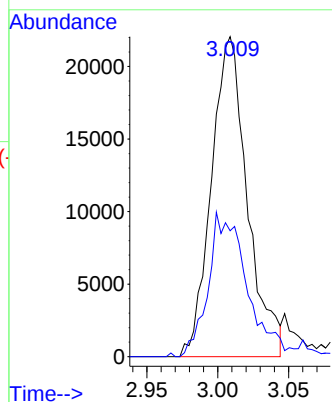
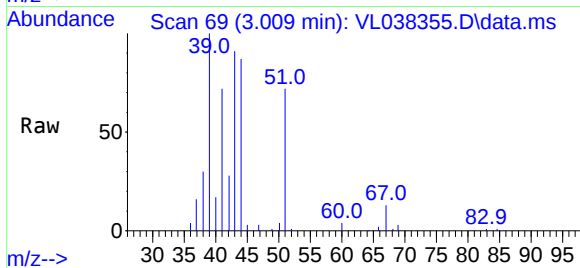
#9
Propene
Concen: 0.900 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 41 Resp: 3903
Ion Ratio Lower Upper
41 100
42 50.6 54.9 82.3

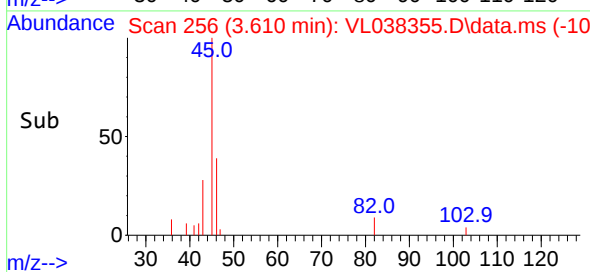
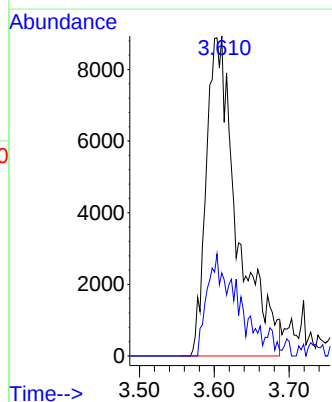
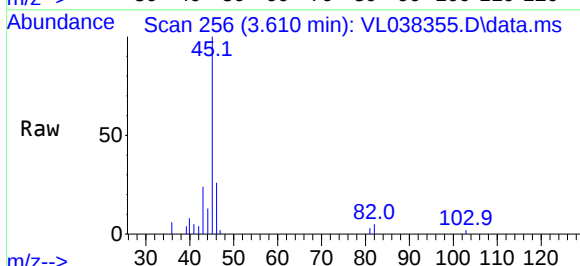
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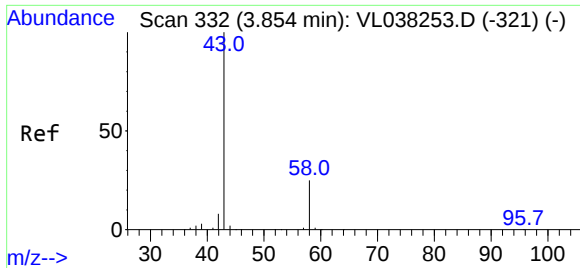
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 5.515 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. -0.010 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

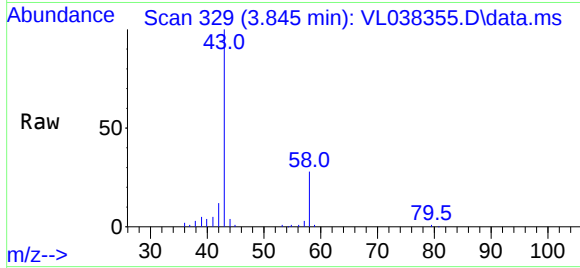
Tgt Ion: 45 Resp: 25671
Ion Ratio Lower Upper
45 100
46 34.0 15.4 61.6





#15
Acetone
Concen: 1.507 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

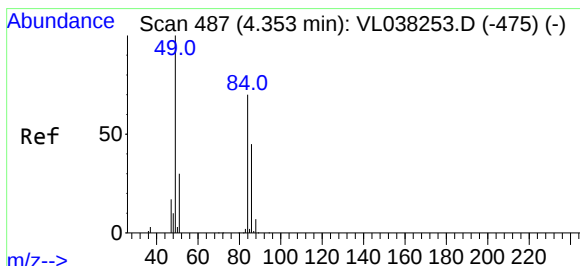
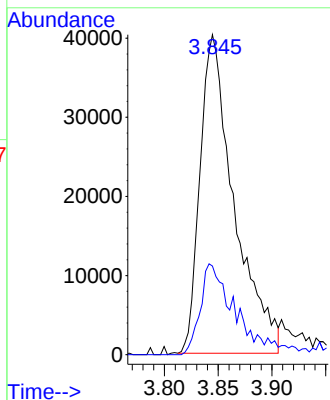
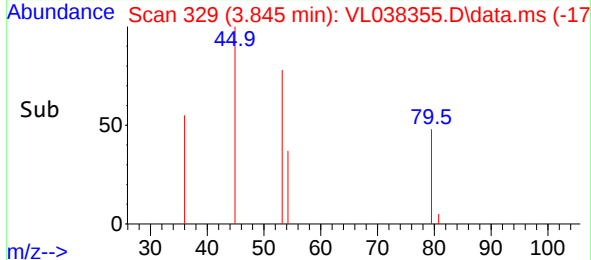
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 88879
Ion Ratio Lower Upper
43 100
58 31.9 21.5 32.3

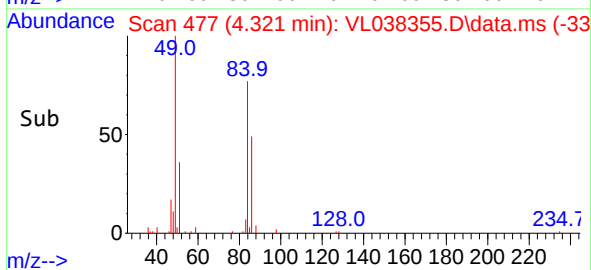
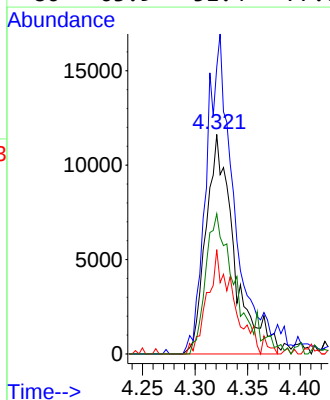
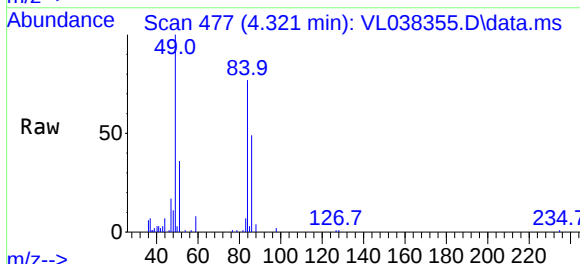
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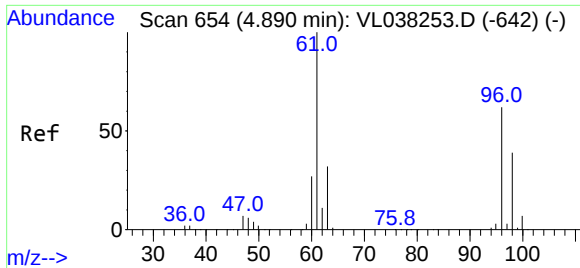
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.634 ppbv m
RT: 4.321 min Scan# 477
Delta R.T. -0.032 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

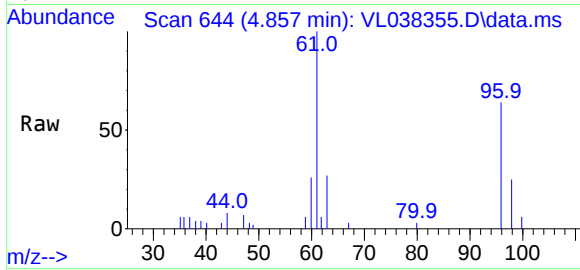
Tgt Ion: 84 Resp: 21734
Ion Ratio Lower Upper
84 100
49 130.7 115.0 172.6
51 47.5 35.0 52.6
86 63.9 51.4 77.0





#22
trans-1,2-Dichloroethene
Concen: 0.200 ppbv
RT: 4.857 min Scan# 644
Delta R.T. -0.032 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

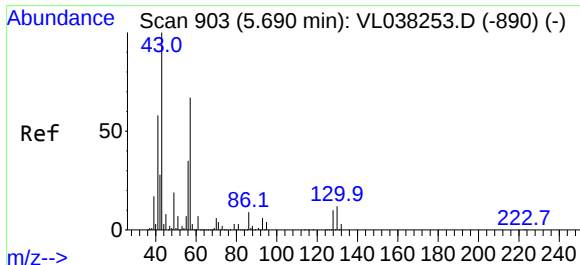
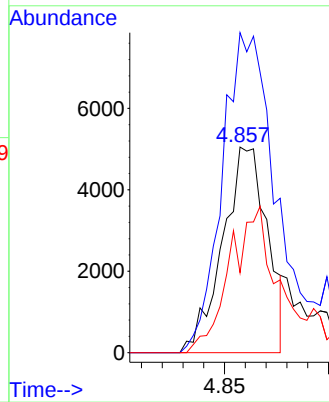
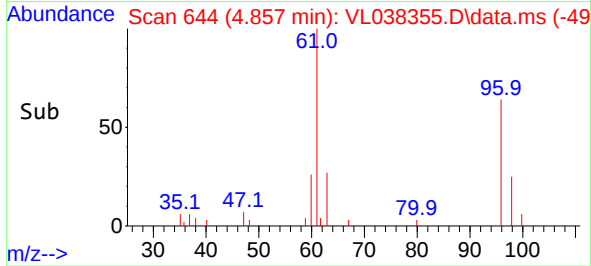
Instrument : MSVOA_L
ClientSampleId : SV1



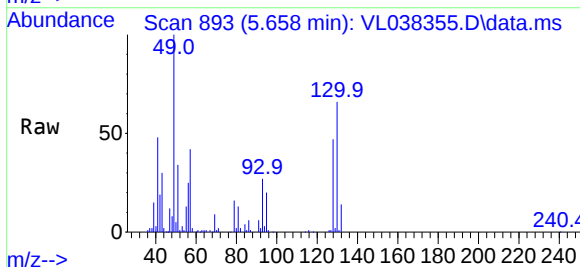
Tgt Ion: 96 Resp: 7528
Ion Ratio Lower Upper
96 100
61 165.7 128.8 193.2
98 38.9 49.8 74.8

Manual Integrations
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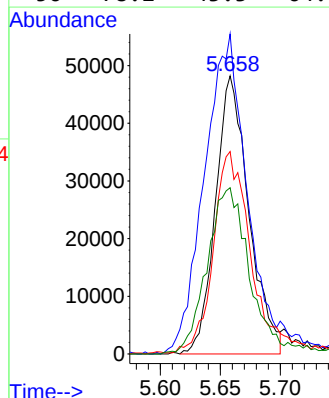
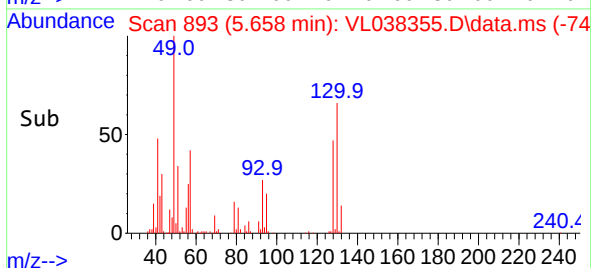
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

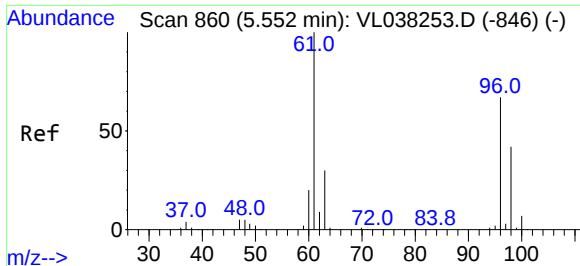


#26
Hexane
Concen: 1.213 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.032 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37



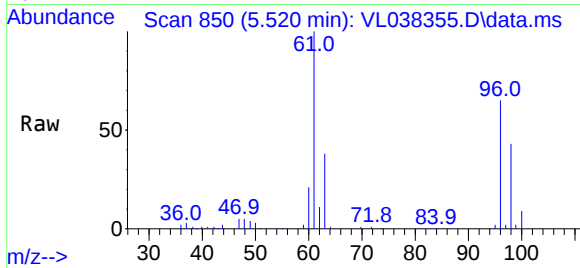
Tgt Ion: 57 Resp: 93154
Ion Ratio Lower Upper
57 100
41 155.1 72.8 109.2#
43 82.8 177.0 265.6#
56 78.2 43.3 64.9#





#31
cis-1,2-Dichloroethene
Concen: 2.369 ppbv
RT: 5.520 min Scan# 81
Delta R.T. -0.032 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

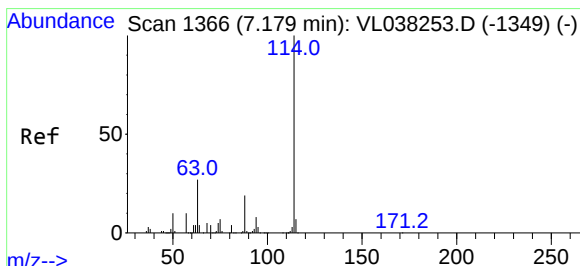
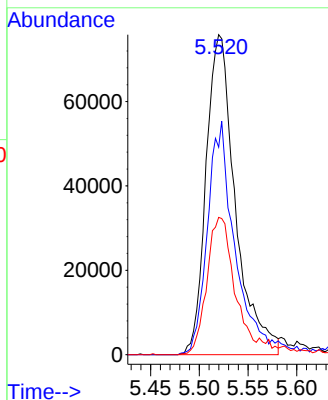
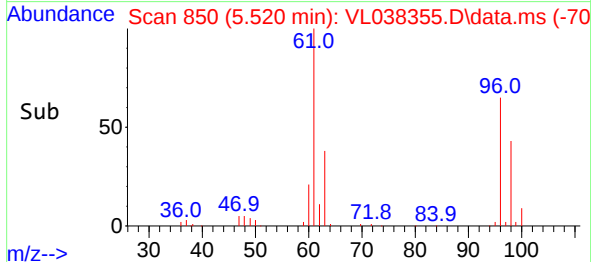
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 61 Resp: 158739
Ion Ratio Lower Upper
61 100
96 64.9 53.3 79.9
98 42.9 33.7 50.5

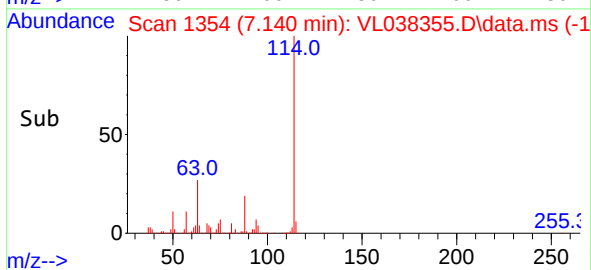
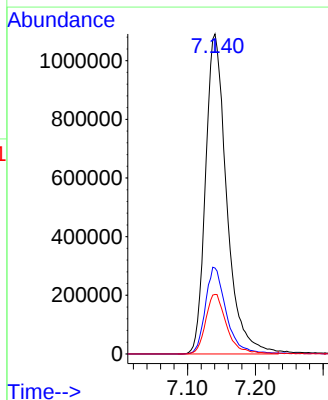
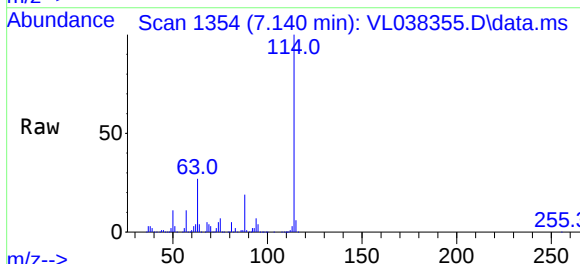
Manual Integrations
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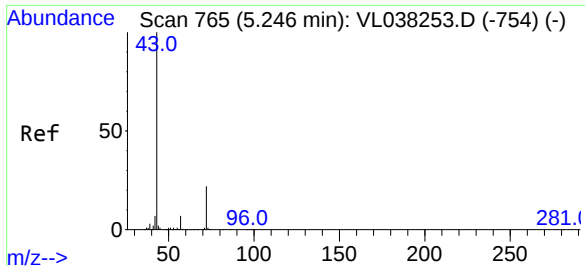
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. -0.039 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

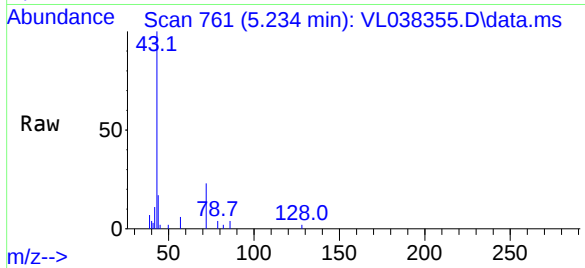
Tgt Ion:114 Resp: 2364755
Ion Ratio Lower Upper
114 100
63 27.0 22.0 33.0
88 18.6 15.0 22.6





#34
2-Butanone
Concen: 0.284 ppbv m
RT: 5.234 min Scan# 70
Delta R.T. -0.013 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

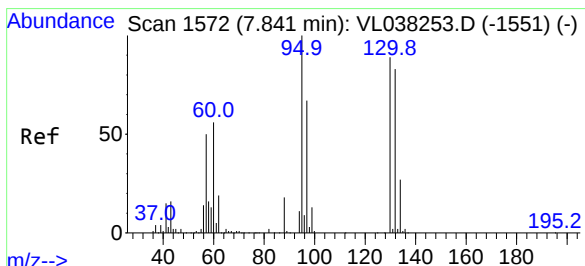
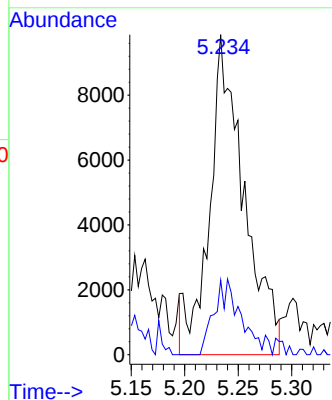
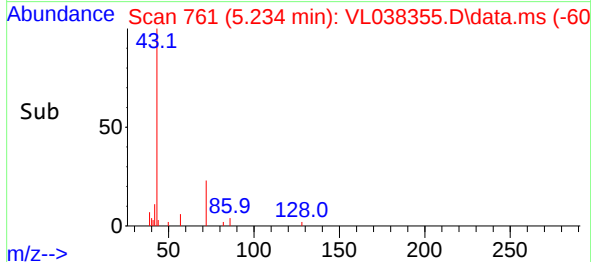
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 21959
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1

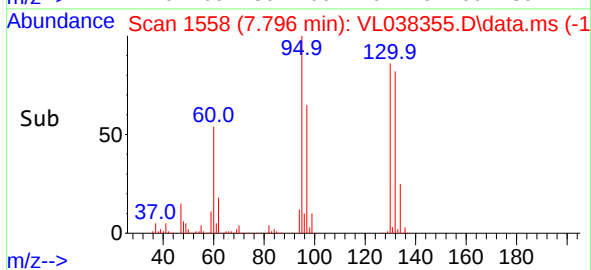
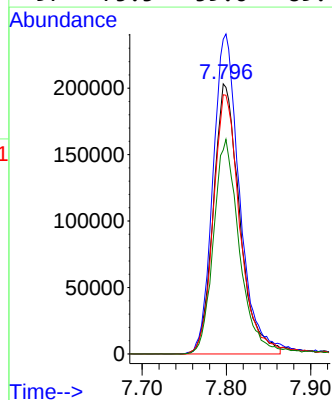
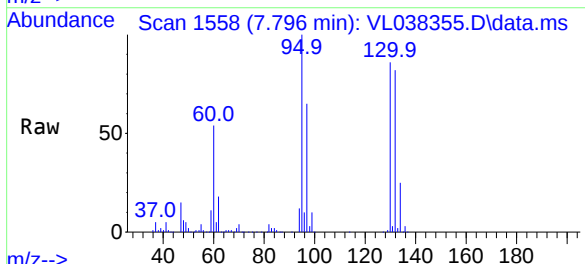
Manual Integrations
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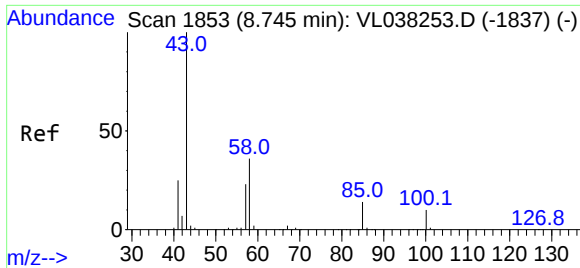
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 5.667 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.045 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

Tgt Ion:130 Resp: 441597
Ion Ratio Lower Upper
130 100
95 116.4 89.4 134.2
132 95.9 74.6 111.8
97 75.5 59.6 89.4





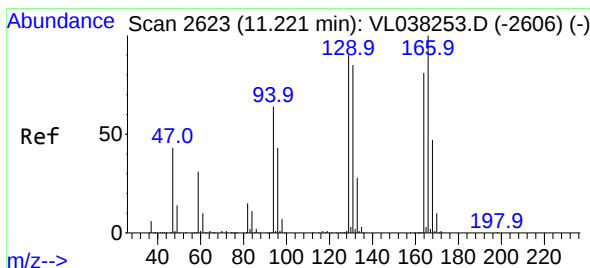
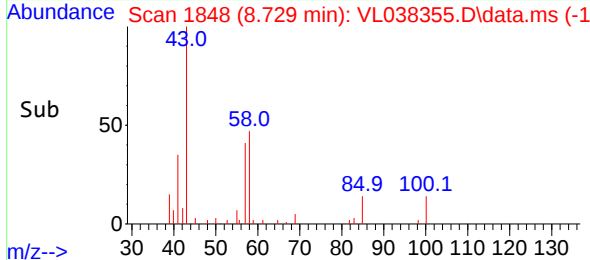
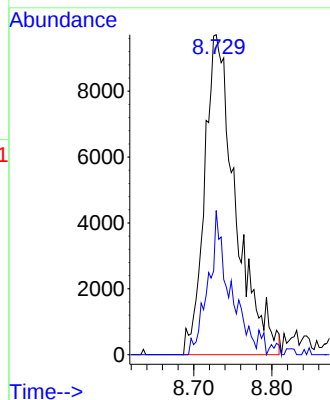
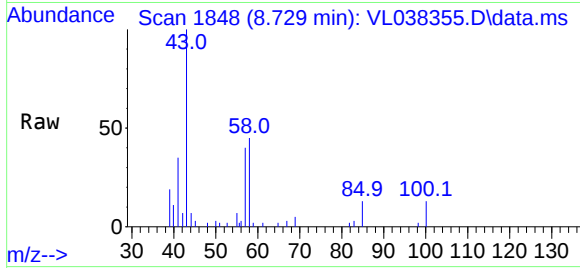
#50
4-Methyl-2-Pentanone
Concen: 0.194 ppbv m
RT: 8.729 min Scan# 1848
Delta R.T. -0.016 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4

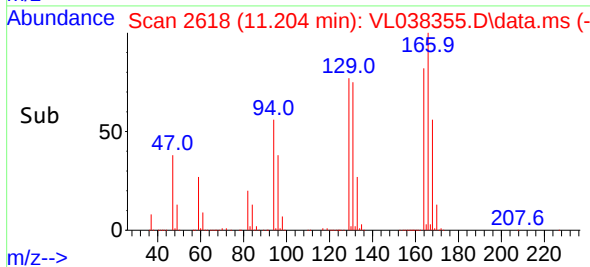
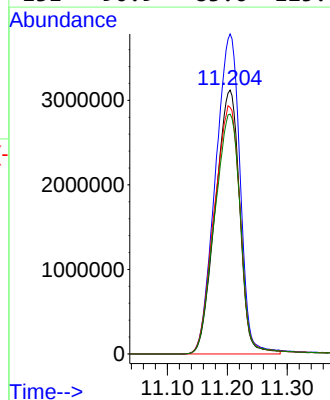
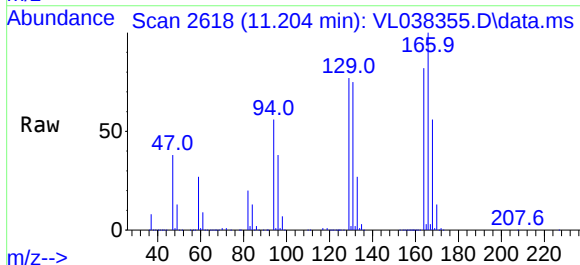
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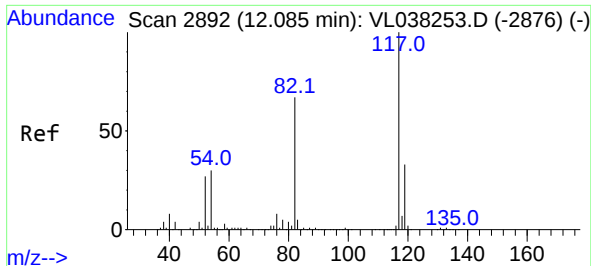
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#52
Tetrachloroethene
Concen: 121.729 ppbv
RT: 11.204 min Scan# 2618
Delta R.T. -0.016 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

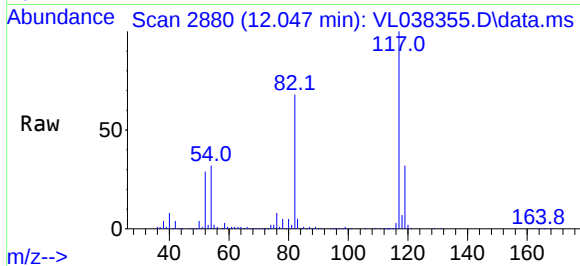
Tgt Ion:164 Resp: 8775574
Ion Ratio Lower Upper
164 100
166 121.3 98.8 148.2
129 93.5 89.2 133.8
131 90.9 83.6 125.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 21
Delta R.T. -0.039 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37

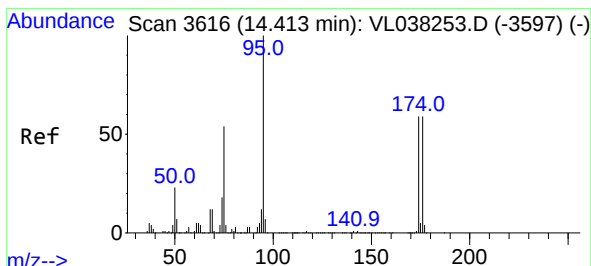
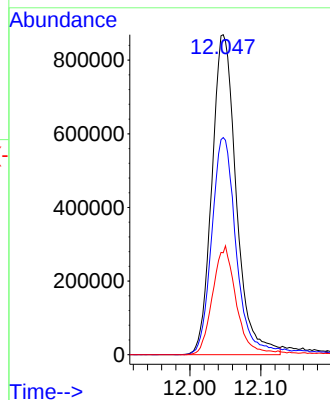
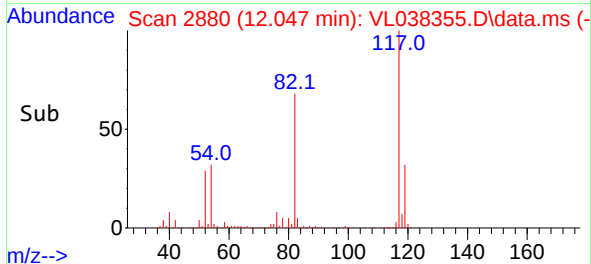
Instrument :
MSVOA_L
ClientSampleId :
SV1



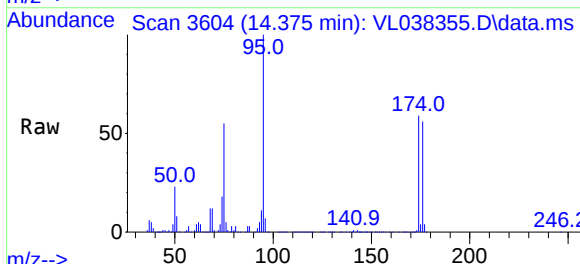
Tgt Ion: 117 Resp: 207859
Ion Ratio Lower Upper
117 100
82 70.8 54.4 81.6
119 34.6 45.9 68.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.856 ppbv
RT: 14.375 min Scan# 3604
Delta R.T. -0.039 min
Lab File: VL038355.D
Acq: 15 Feb 2022 00:37



Tgt Ion: 95 Resp: 1712718
Ion Ratio Lower Upper
95 100
174 60.3 48.3 72.5
175 4.3 3.5 5.3

