

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038240.D
 Acq On : 29 Dec 2021 19:58
 Operator : SY/AP
 Sample : M5217-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 20:30:18 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 29 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	685938	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1882839	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	1664570	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1340755	10.452	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	28402	0.220	ppbv	94
3) Chlorodifluoromethane	2.996	51	32226m	0.224	ppbv	
4) Chloromethane	3.150	50	12820	0.257	ppbv #	82
9) Propene	3.021	41	731204	14.610	ppbv	93
10) Heptane	8.124	43	468587	3.691	ppbv	98
11) Trichlorofluoromethane	3.957	101	41562	0.350	ppbv	92
13) Ethanol	3.610	45	1519415	179.069	ppbv #	100
15) Acetone	3.851	43	3157393	45.865	ppbv #	86
17) tert-Butyl alcohol	4.298	59	412144	5.451	ppbv	99
19) Isopropyl Alcohol	3.976	45	301900	7.031	ppbv #	1
20) Methylene Chloride	4.353	84	513628	13.215	ppbv	94
26) Hexane	5.690	57	476534	5.092	ppbv #	56
27) Carbon Disulfide	4.555	76	34747	0.422	ppbv #	83
29) Chloroform	5.761	83	1219612	8.783	ppbv	97
30) Cyclohexane	7.131	84	70316	0.848	ppbv #	48
34) 2-Butanone	5.243	43	4112573	72.671	ppbv	100
35) Carbon Tetrachloride	7.021	117	18581	0.160	ppbv	95
36) Benzene	6.896	78	394757	2.248	ppbv	98
38) Trichloroethene	7.838	130	136366	2.040	ppbv	97
41) Tetrahydrofuran	6.047	42	603417	14.557	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	1714267	5.746	ppbv	91
50) 4-Methyl-2-Pentanone	8.745	43	148880	1.447	ppbv	100
51) 2-Hexanone	10.127	43	980275	19.905	ppbv #	98
52) Tetrachloroethene	11.217	164	234978m	3.625	ppbv	
53) Toluene	9.809	91	2779563	13.716	ppbv	99
58) Ethyl Benzene	12.709	91	914354	3.540	ppbv	99
59) m/p-Xylene	12.970	91	2374898	10.754	ppbv	98
60) o-Xylene	13.687	91	823871	4.024	ppbv	97
61) Styrene	13.523	104	36225m	0.349	ppbv	
62) Isopropylbenzene	14.664	105	112258	0.391	ppbv	98
64) n-propylbenzene	15.558	120	79581	1.114	ppbv	77
72) 4-Ethyltoluene	15.838	105	442677	1.878	ppbv	96
73) 1,3,5-Trimethylbenzene	15.998	105	236324	1.120	ppbv	96
74) 1,2,4-Trimethylbenzene	16.760	105	885322	3.995	ppbv #	74

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

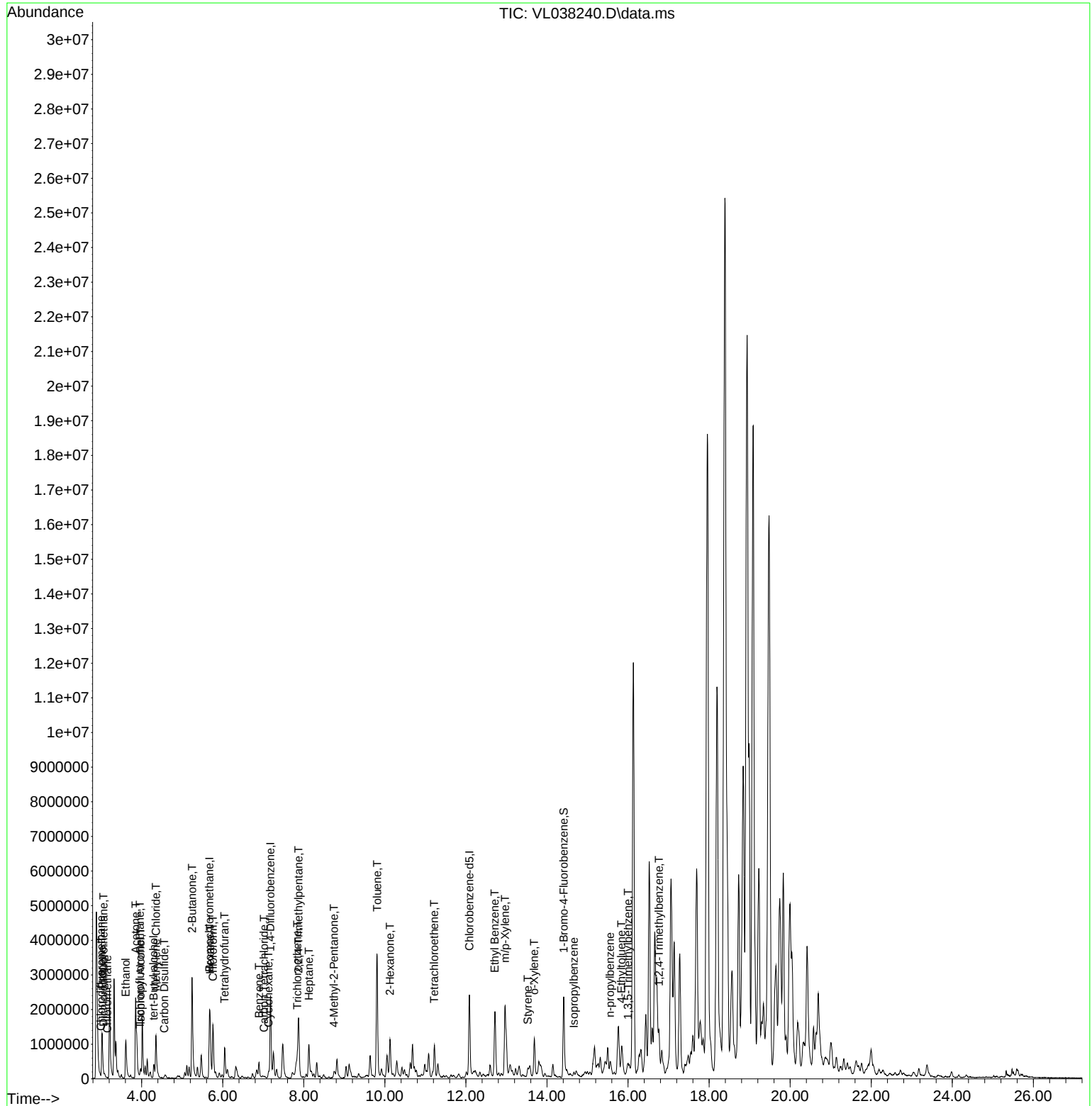
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
Data File : VL038240.D
Acq On : 29 Dec 2021 19:58
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ALS Vial : 1 Sample Multiplier: 1

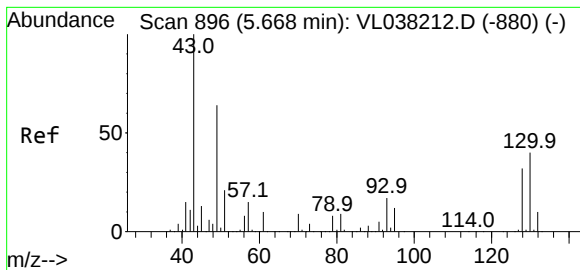
Instrument :
MSVOA_L
ClientSampleId :
SV3

Quant Time: Dec 29 20:30:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

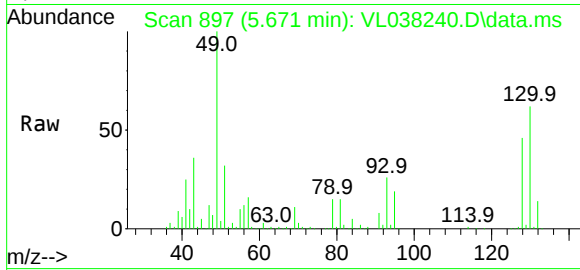
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

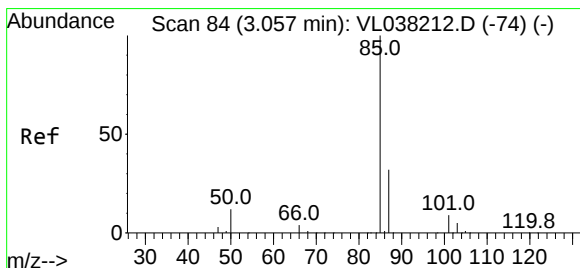
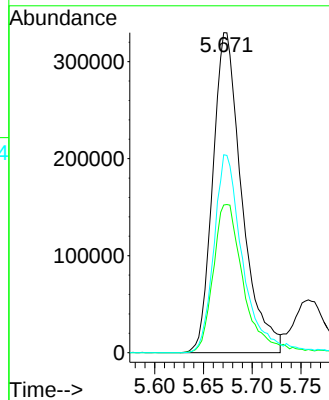
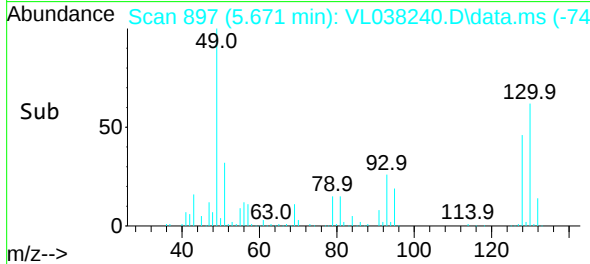
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 49 Resp: 685938
Ion Ratio Lower Upper
49 100
128 49.6 26.9 80.6
130 62.1 32.3 96.9

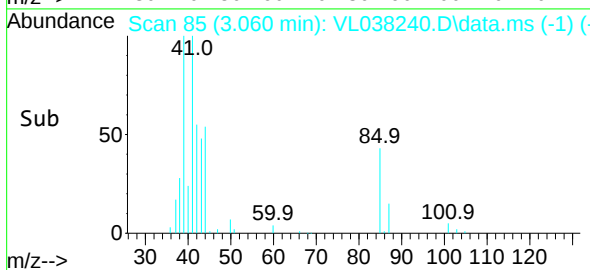
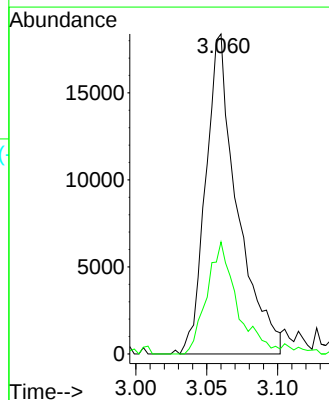
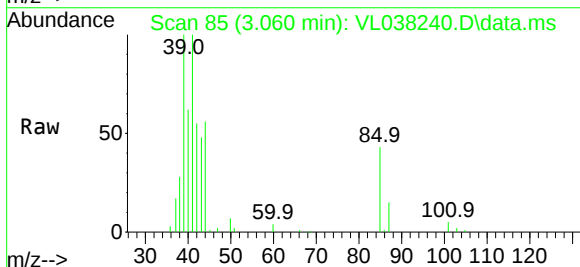
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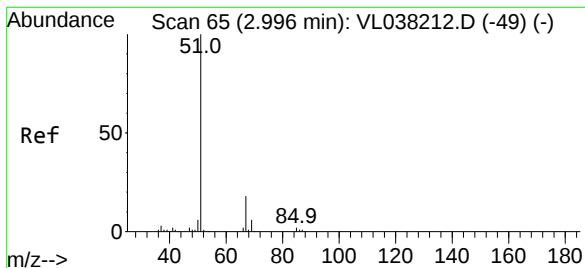
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#2
Dichlorodifluoromethane
Concen: 0.220 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Tgt Ion: 85 Resp: 28402
Ion Ratio Lower Upper
85 100
87 35.0 25.4 38.2





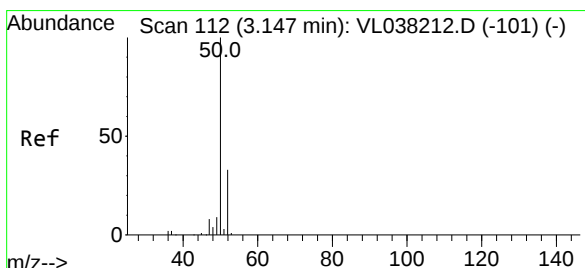
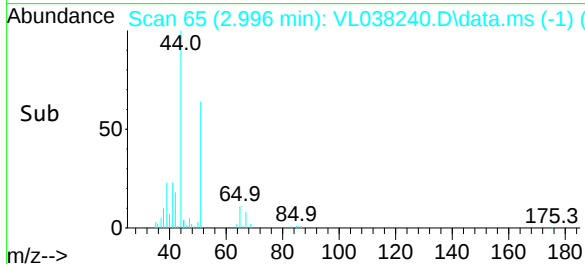
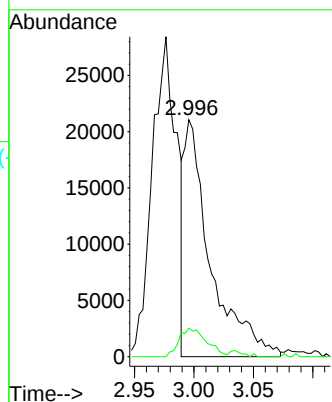
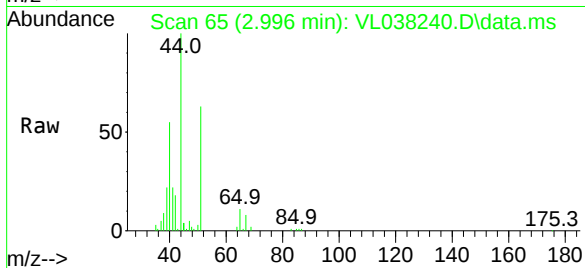
#3
Chlorodifluoromethane
Concen: 0.224 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 51 Resp: 32220
Ion Ratio Lower Upper
51 100
67 13.9 14.0 21.0

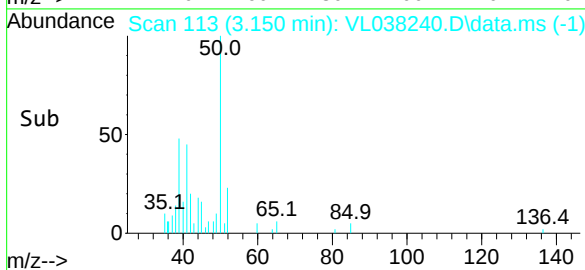
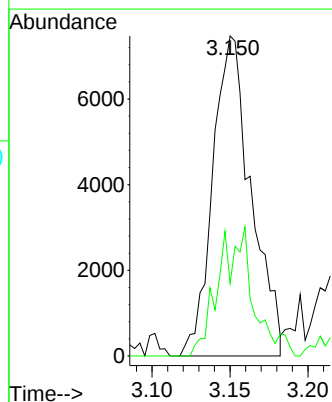
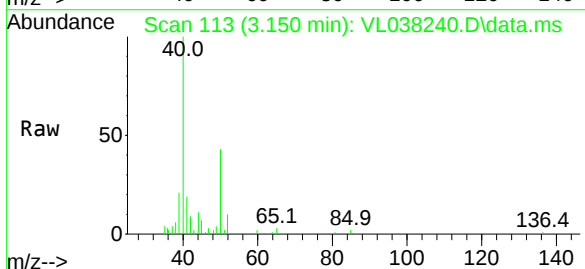
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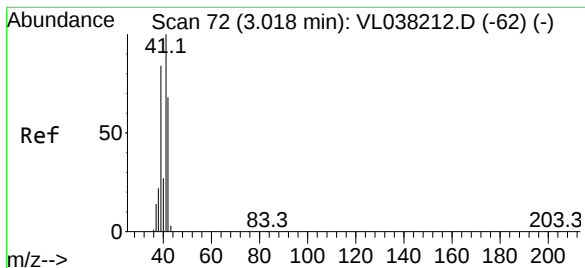
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#4
Chloromethane
Concen: 0.257 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

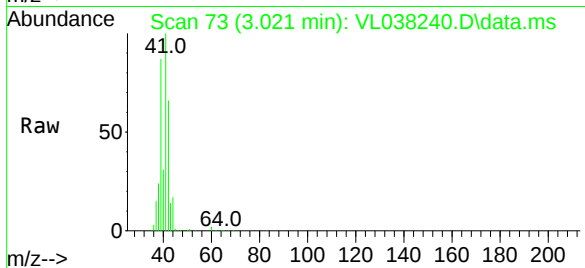
Tgt Ion: 50 Resp: 12820
Ion Ratio Lower Upper
50 100
52 22.7 26.2 39.2





#9
Propene
Concen: 14.610 ppbv
RT: 3.021 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

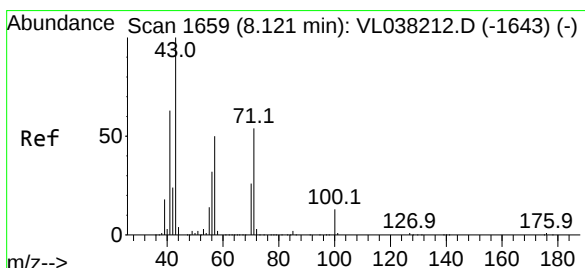
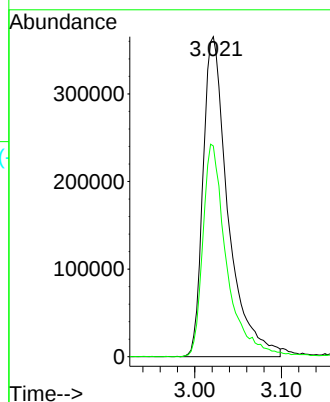
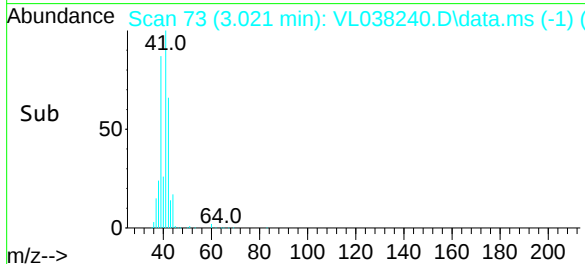
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 41 Resp: 731204
Ion Ratio Lower Upper
41 100
42 63.9 55.5 83.3

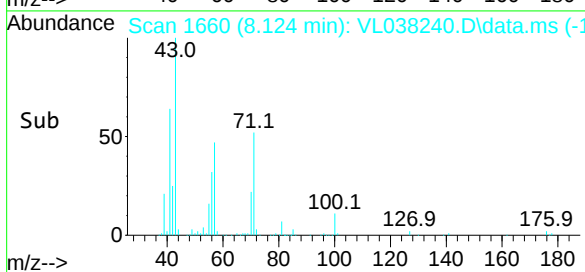
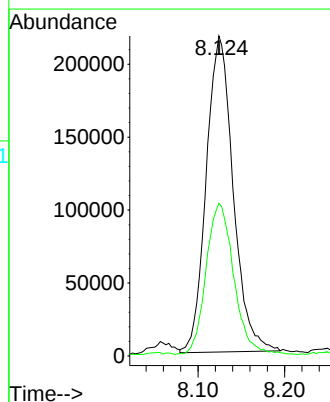
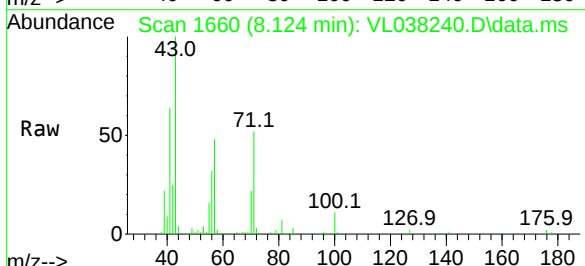
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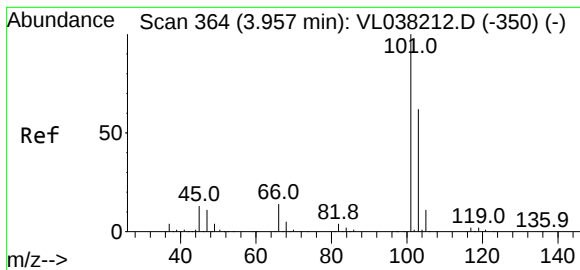
Reviewed By :Amit Patel 12/30/2021
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#10
Heptane
Concen: 3.691 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

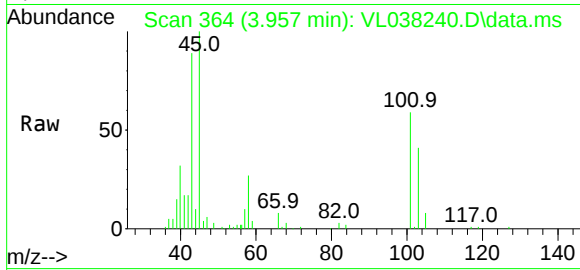
Tgt Ion: 43 Resp: 468587
Ion Ratio Lower Upper
43 100
57 48.9 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 0.350 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038240.D
 Acq: 29 Dec 2021 19:58

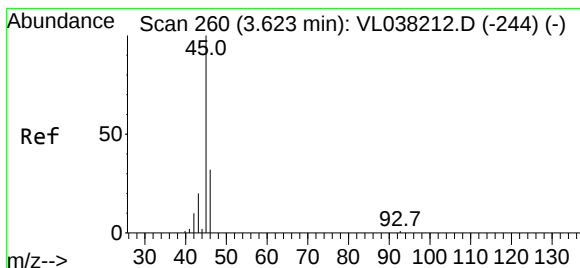
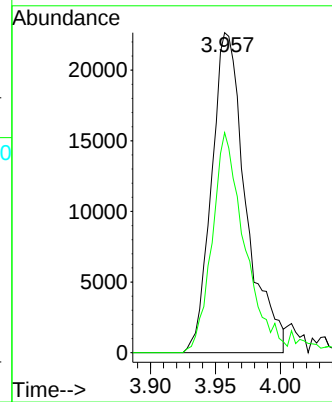
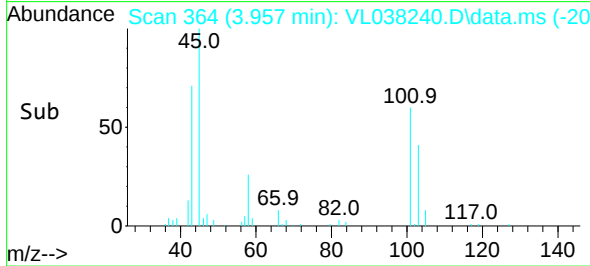
Instrument :
 MSVOA_L
 ClientSampleId :
 SV3



Tgt Ion:101 Resp: 41562
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.9 74.9

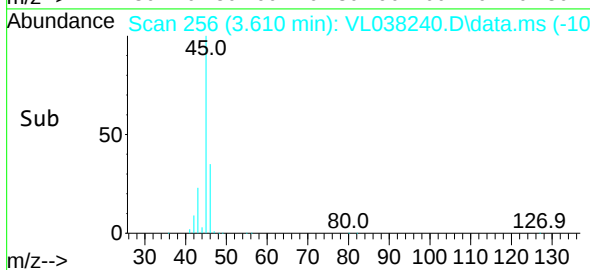
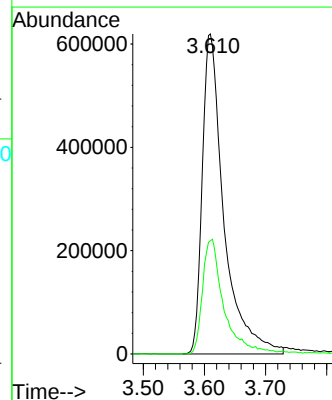
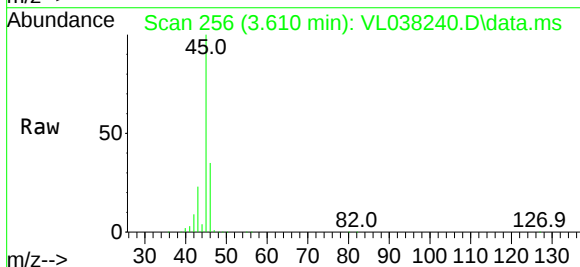
Manual Integrations
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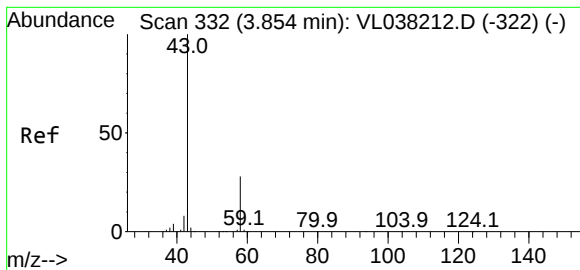
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#13
 Ethanol
 Concen: 179.069 ppbv
 RT: 3.610 min Scan# 256
 Delta R.T. -0.013 min
 Lab File: VL038240.D
 Acq: 29 Dec 2021 19:58

Tgt Ion: 45 Resp: 1519415
 Ion Ratio Lower Upper
 45 100
 46 35.8 0.0 0.0#





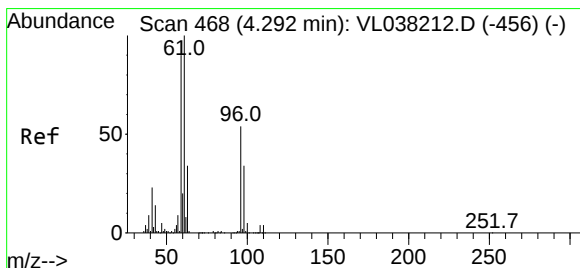
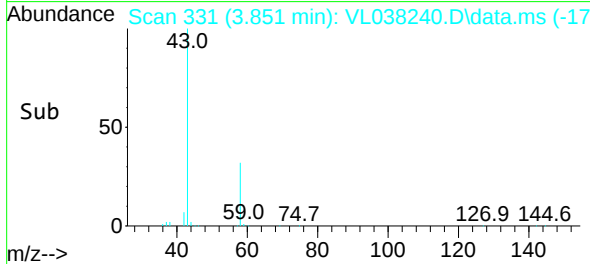
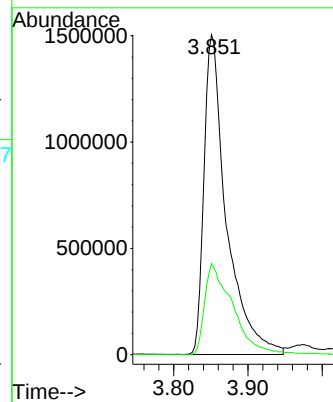
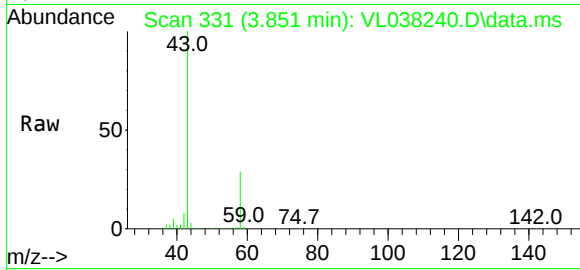
#15
Acetone
Concen: 45.865 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 43 Resp: 315739
Ion Ratio Lower Upper
43 100
58 36.4 23.3 34.9

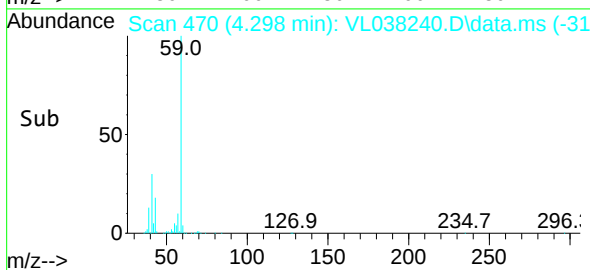
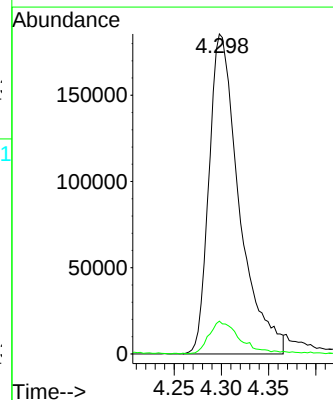
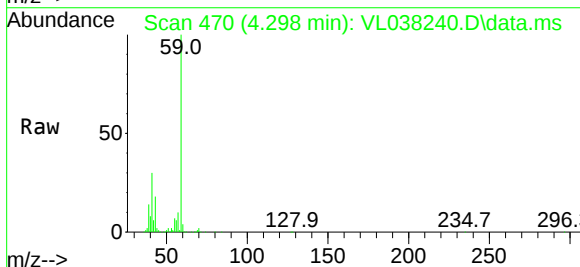
Manual Integrations
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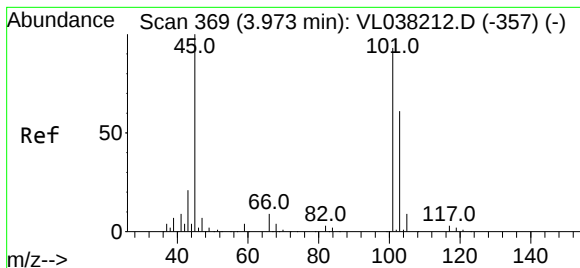
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#17
tert-Butyl alcohol
Concen: 5.451 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Tgt Ion: 59 Resp: 412144
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1





#19

Isopropyl Alcohol

Concen: 7.031 ppbv

RT: 3.976 min Scan# 369

Delta R.T. 0.003 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

Instrument :

MSVOA_L

ClientSampleId :

SV3

Tgt Ion: 45 Resp: 301900

Ion Ratio Lower Upper

45 100

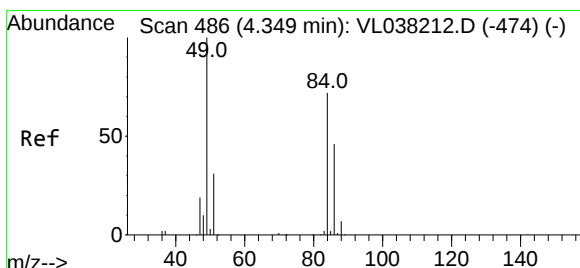
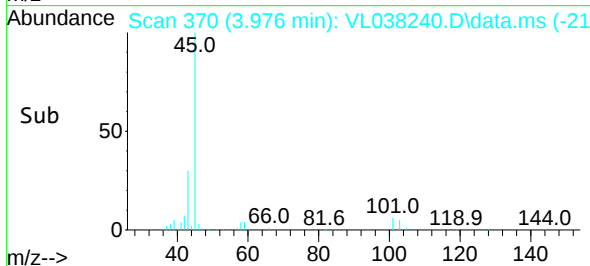
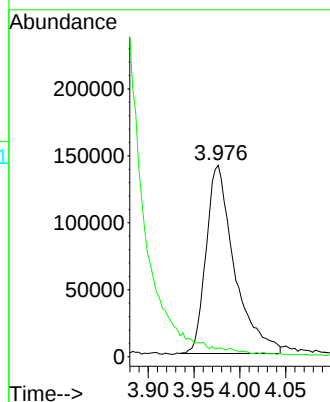
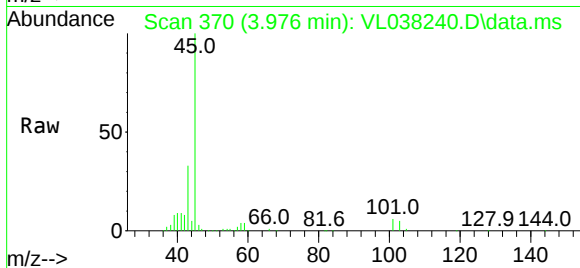
58 381.3 32.4 48.6

Manual Integrations

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Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#20

Methylene Chloride

Concen: 13.215 ppbv

RT: 4.353 min Scan# 487

Delta R.T. 0.003 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

Tgt Ion: 84 Resp: 513628

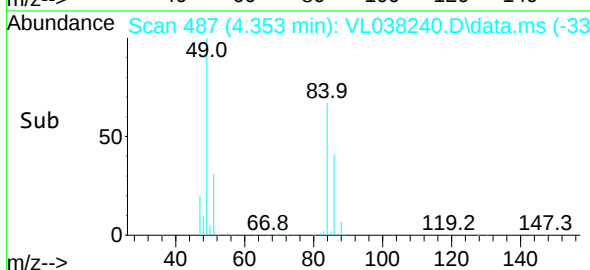
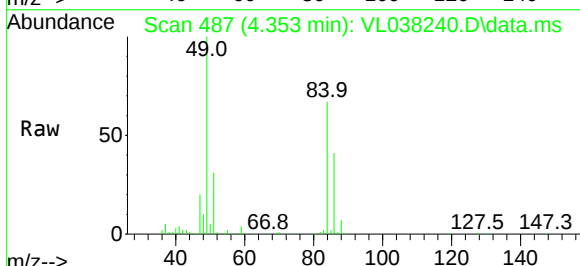
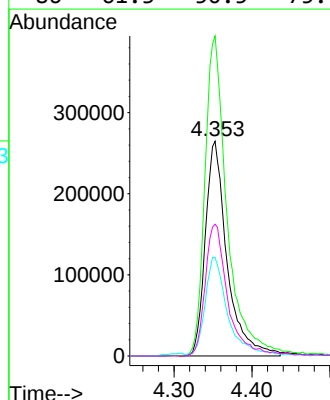
Ion Ratio Lower Upper

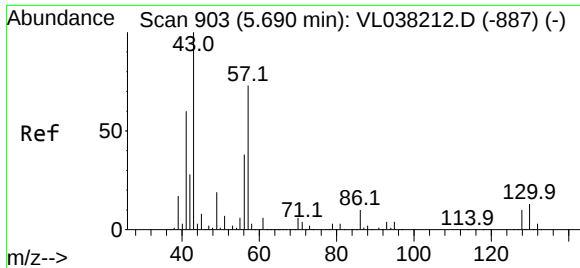
84 100

49 148.9 110.6 166.0

51 44.9 34.2 51.2

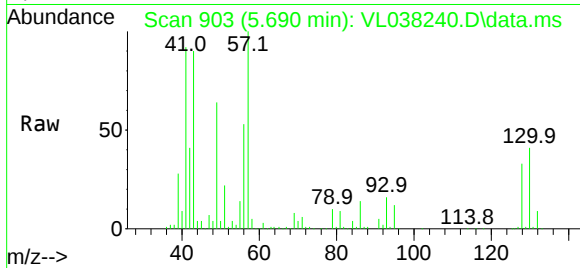
86 61.3 50.5 75.7





#26
Hexane
Concen: 5.092 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

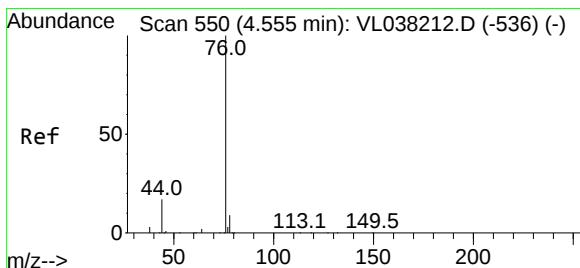
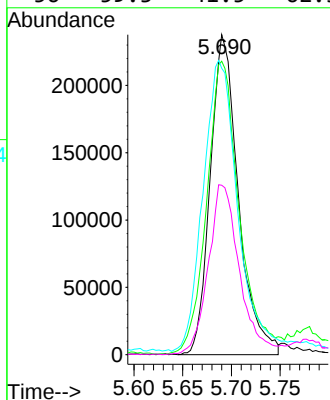
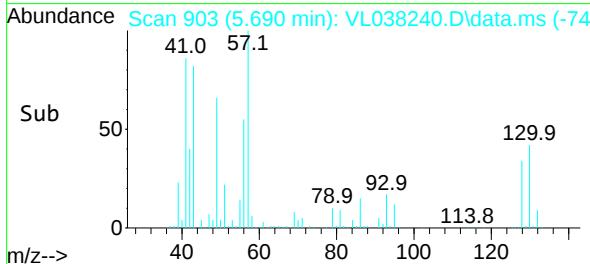
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 57 Resp: 476534
Ion Ratio Lower Upper
57 100
41 106.7 69.0 103.6
43 116.6 171.2 256.8
56 59.3 41.5 62.3

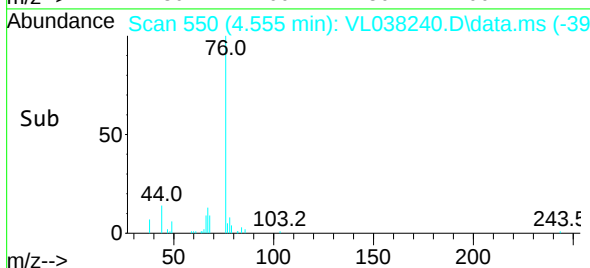
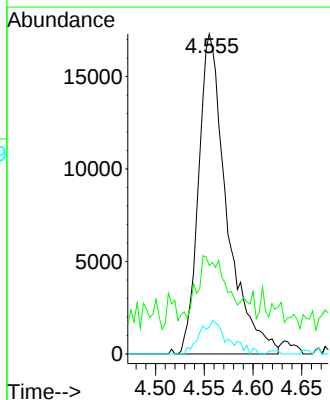
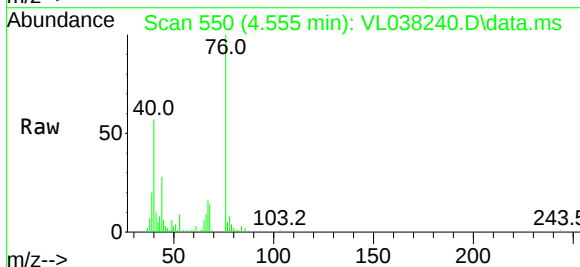
Manual Integrations
APPROVED

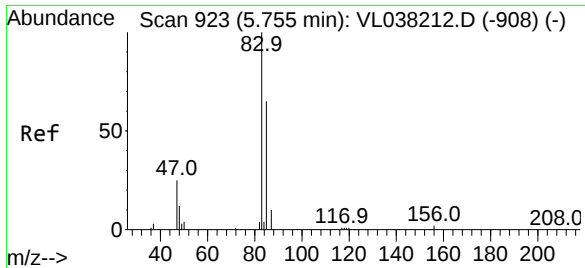
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#27
Carbon Disulfide
Concen: 0.422 ppbv
RT: 4.555 min Scan# 550
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Tgt Ion: 76 Resp: 34747
Ion Ratio Lower Upper
76 100
44 28.6 14.2 21.4
78 10.3 7.7 11.5





#29

Chloroform

Concen: 8.783 ppbv

RT: 5.761 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

Instrument :

MSVOA_L

ClientSampleId :

SV3

Tgt Ion: 83 Resp: 121961

Ion Ratio Lower Upper

83 100

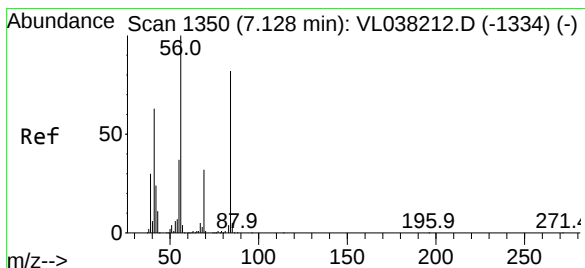
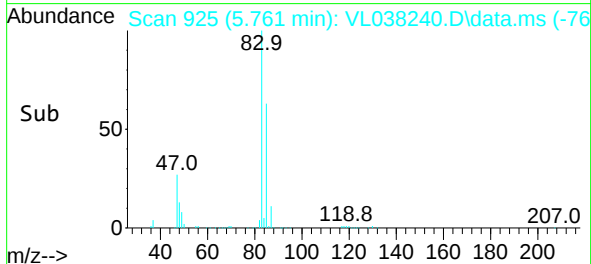
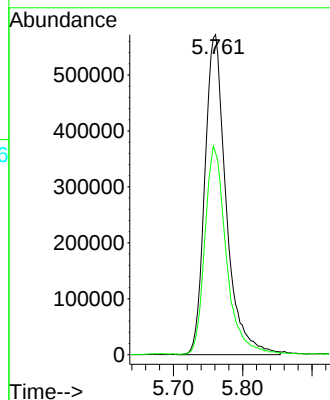
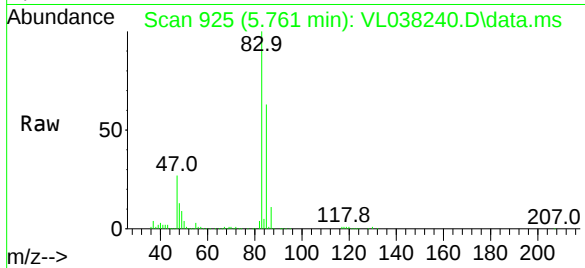
85 63.1 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#30

Cyclohexane

Concen: 0.848 ppbv

RT: 7.131 min Scan# 1351

Delta R.T. 0.003 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

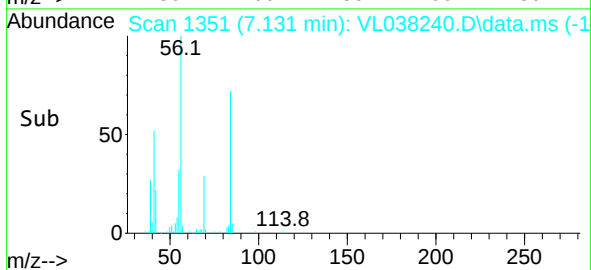
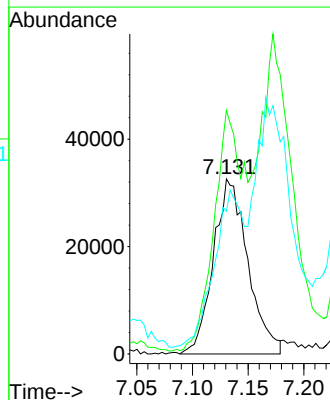
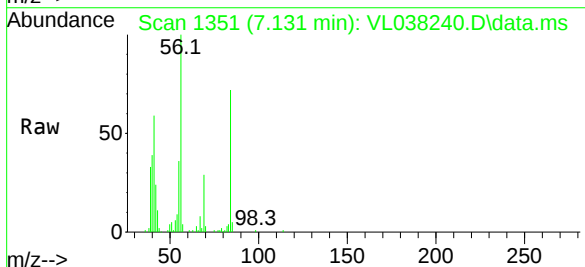
Tgt Ion: 84 Resp: 70316

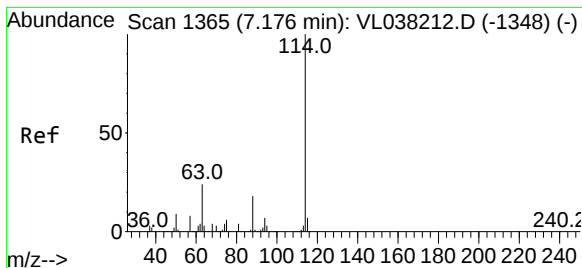
Ion Ratio Lower Upper

84 100

56 97.0 105.2 157.8#

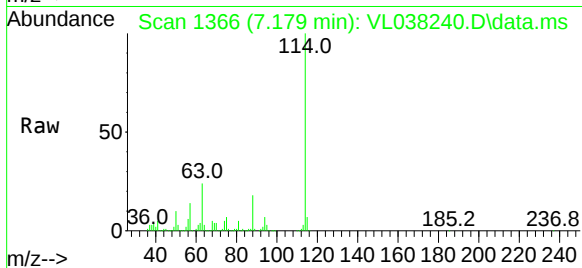
41 0.0 63.2 94.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

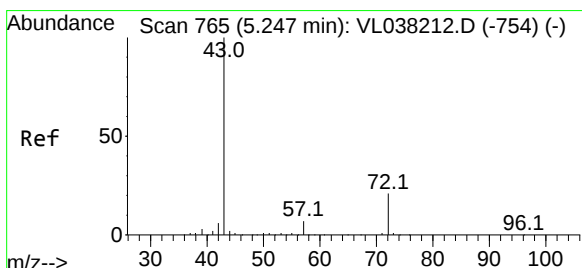
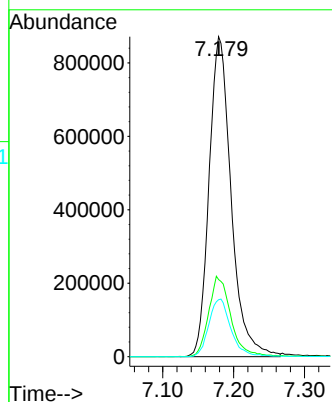
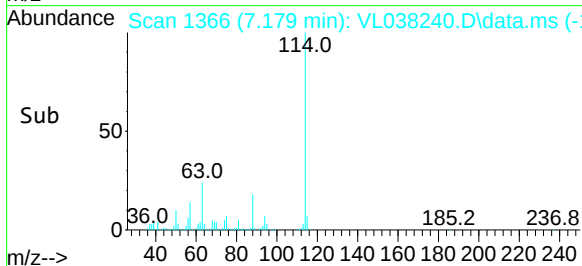
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion:114 Resp: 1882839
Ion Ratio Lower Upper
114 100
63 25.5 19.7 29.5
88 18.1 14.3 21.5

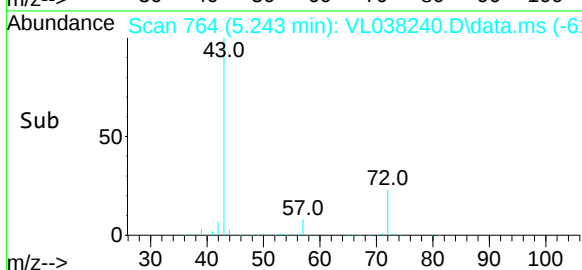
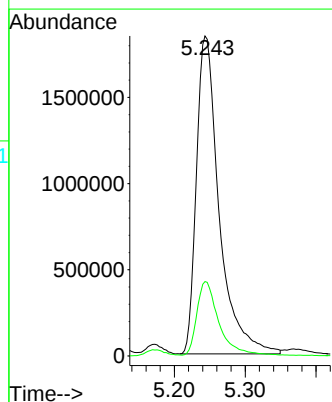
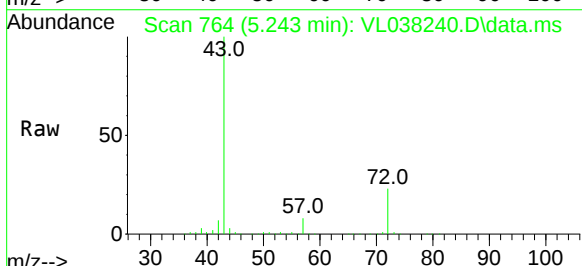
Manual Integrations
APPROVED

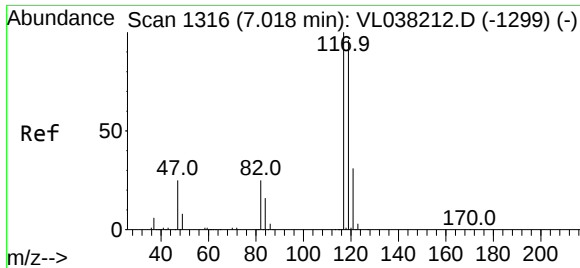
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#34
2-Butanone
Concen: 72.671 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

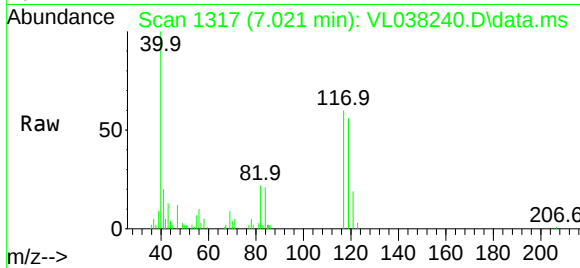
Tgt Ion: 43 Resp: 4112573
Ion Ratio Lower Upper
43 100
72 23.1 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.160 ppbv
RT: 7.021 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

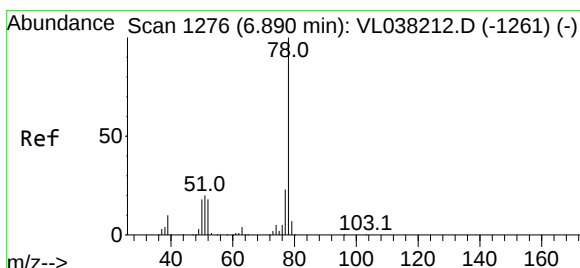
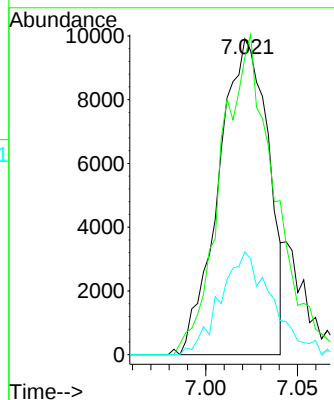
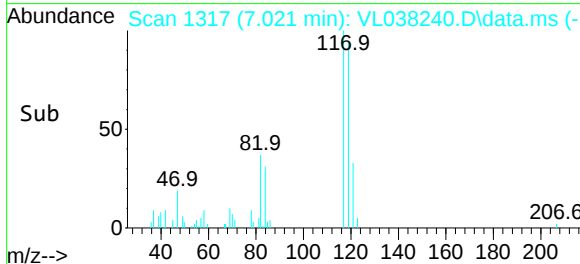
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 117 Resp: 1858
Ion Ratio Lower Upper
117 100
119 90.7 76.7 115.1
121 32.6 25.0 37.4

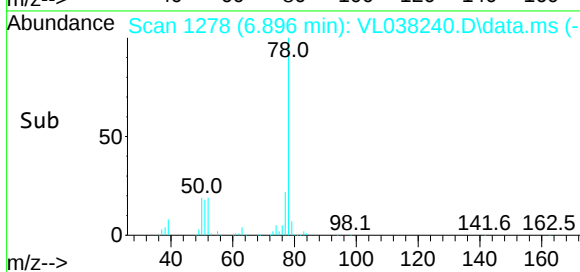
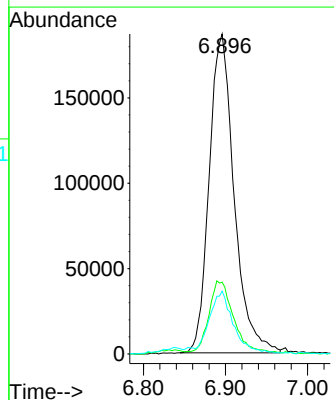
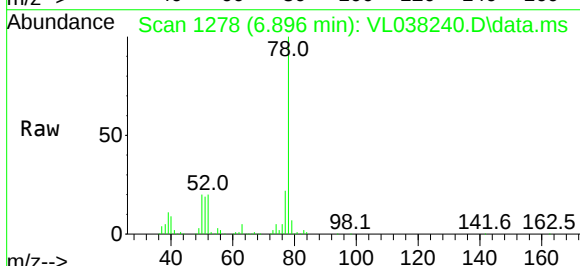
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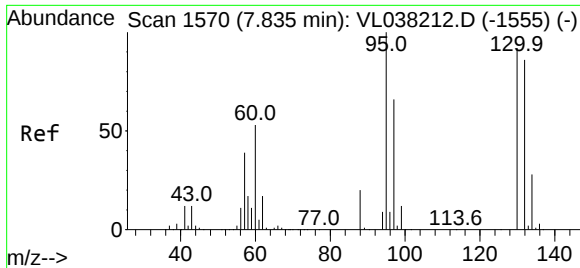
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#36
Benzene
Concen: 2.248 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Tgt Ion: 78 Resp: 394757
Ion Ratio Lower Upper
78 100
77 21.9 18.2 27.4
50 19.3 14.3 21.5





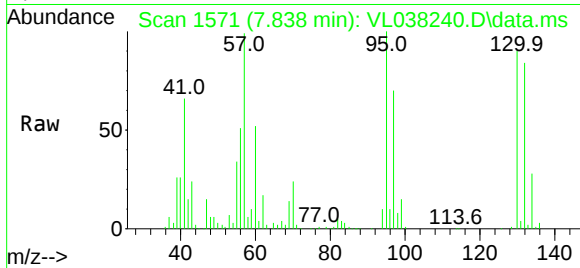
#38
 Trichloroethene
 Concen: 2.040 ppbv
 RT: 7.838 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL038240.D
 Acq: 29 Dec 2021 19:58

Instrument :

MSVOA_L

ClientSampleId :

SV3



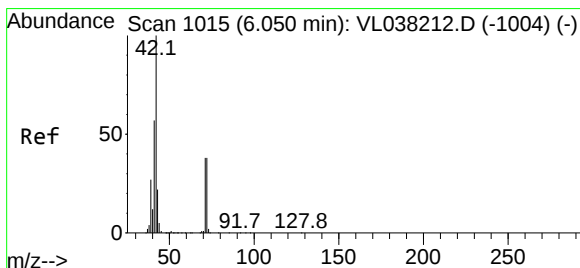
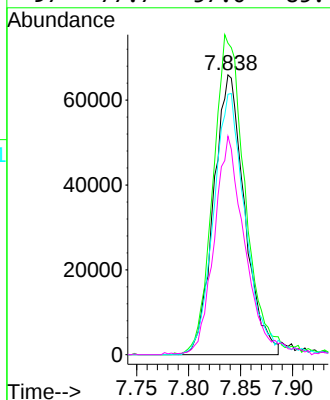
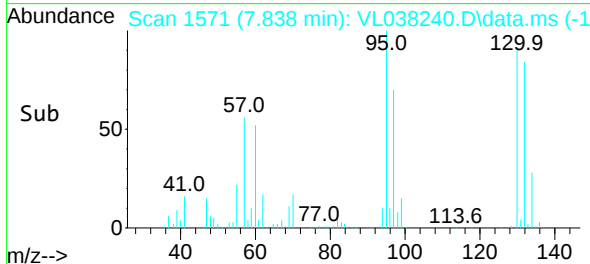
Tgt Ion:130 Resp: 136360
 Ion Ratio Lower Upper
 130 100
 95 111.0 87.0 130.4
 132 93.1 75.1 112.7
 97 77.7 57.0 85.4

Manual Integrations

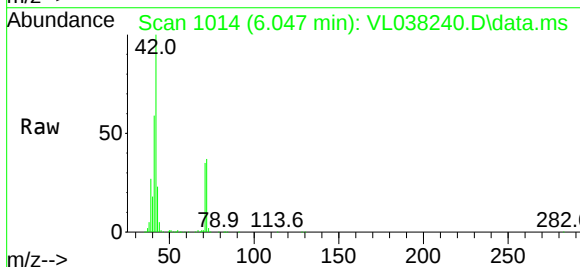
APPROVED

Reviewed By :Amit Patel 12/30/2021

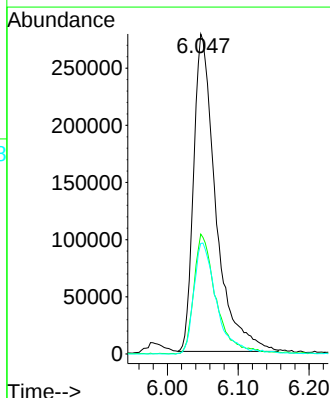
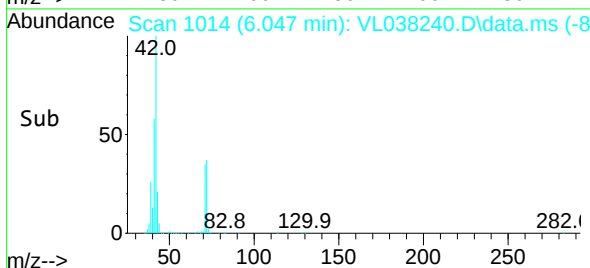
Supervised By :Semsettin Yesilyurt 01/02/2022

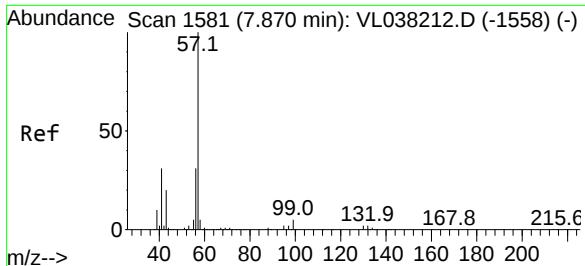


#41
 Tetrahydrofuran
 Concen: 14.557 ppbv
 RT: 6.047 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL038240.D
 Acq: 29 Dec 2021 19:58



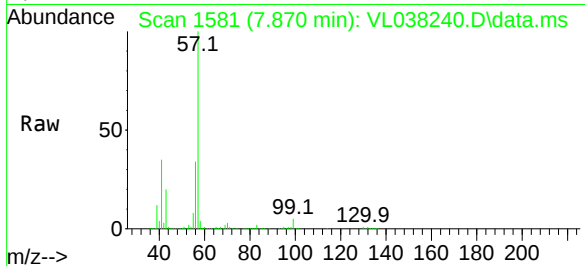
Tgt Ion: 42 Resp: 603417
 Ion Ratio Lower Upper
 42 100
 72 37.9 31.4 47.0
 71 36.4 30.0 45.0





#44
2,2,4-Trimethylpentane
Concen: 5.746 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

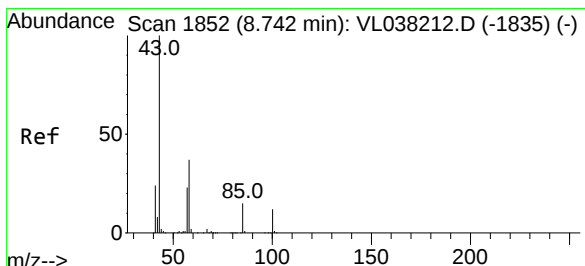
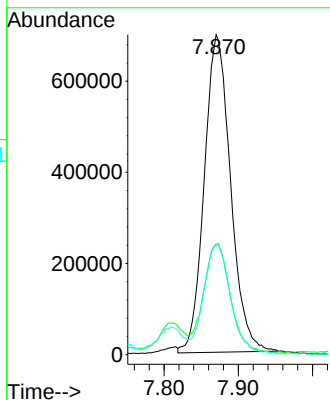
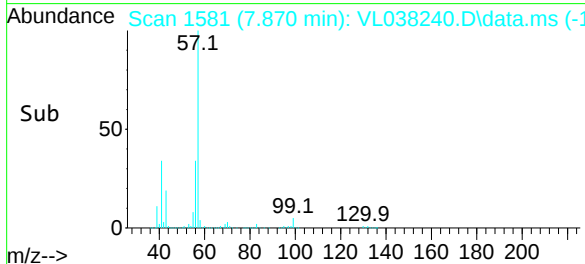
Instrument : MSVOA_L
ClientSampleId : SV3



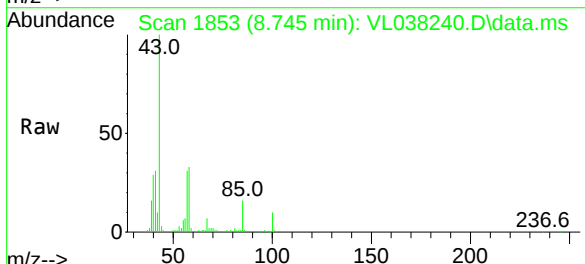
Tgt Ion: 57 Resp: 171426
Ion Ratio Lower Upper
57 100
41 35.8 24.9 37.3
56 36.7 24.8 37.2

Manual Integrations
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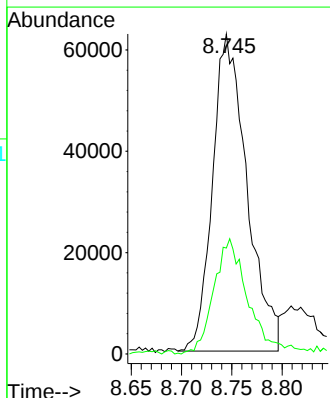
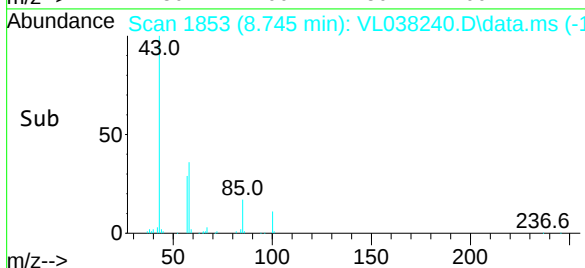
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

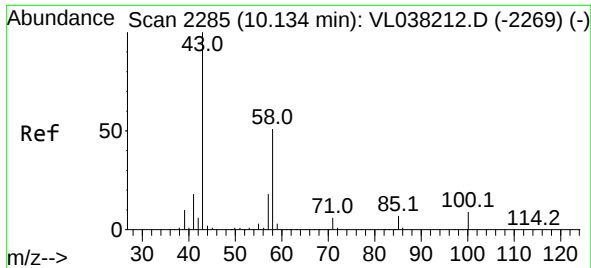


#50
4-Methyl-2-Pentanone
Concen: 1.447 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58



Tgt Ion: 43 Resp: 148880
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2





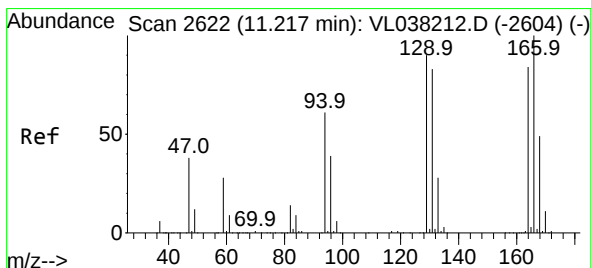
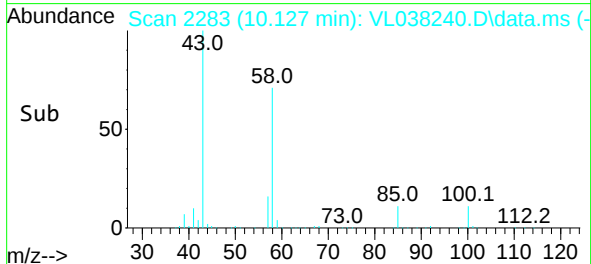
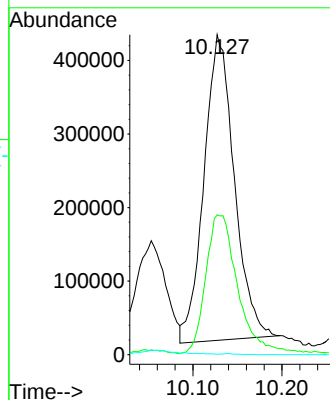
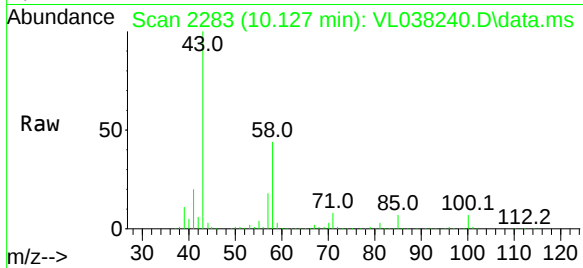
#51
2-Hexanone
Concen: 19.905 ppbv
RT: 10.127 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 43 Resp: 98027
Ion Ratio Lower Upper
43 100
58 49.8 40.8 61.2
98 0.0 0.0 0.0

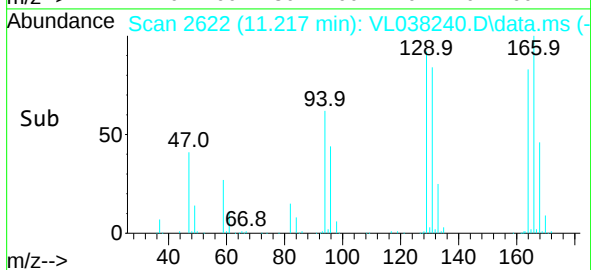
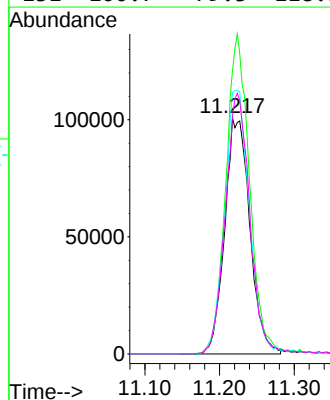
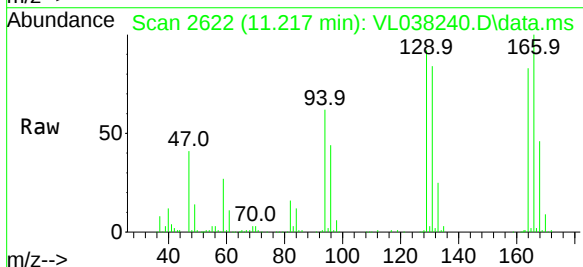
Manual Integrations
APPROVED

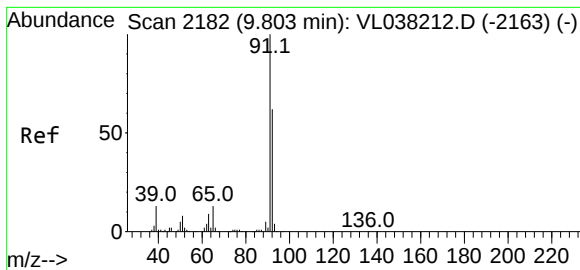
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#52
Tetrachloroethene
Concen: 3.625 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

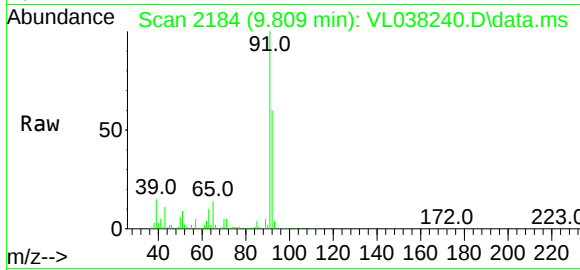
Tgt Ion:164 Resp: 234978
Ion Ratio Lower Upper
164 100
166 120.2 95.6 143.4
129 110.7 85.8 128.8
131 100.7 79.3 118.9





#53
Toluene
Concen: 13.716 ppbv
RT: 9.809 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

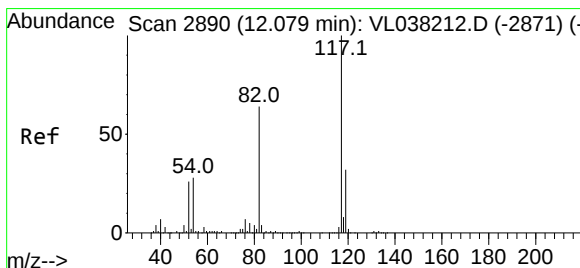
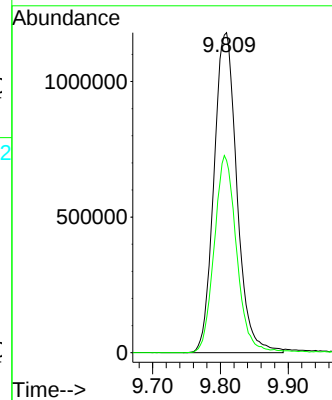
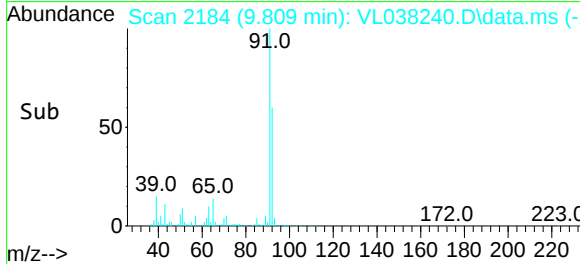
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 91 Resp: 277956
Ion Ratio Lower Upper
91 100
92 60.7 48.9 73.3

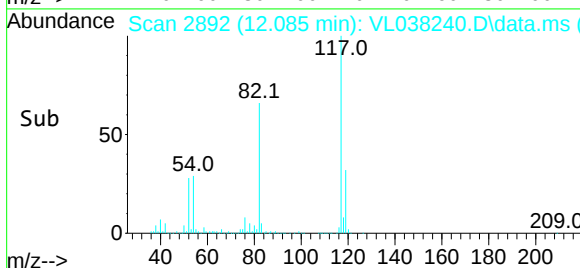
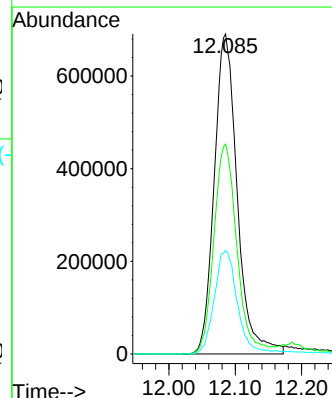
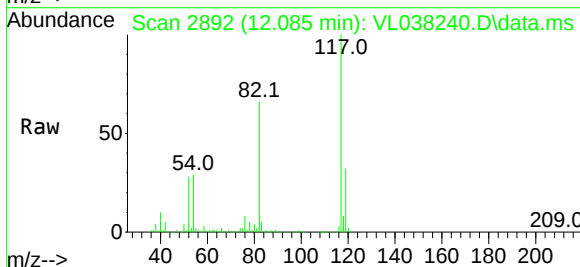
Manual Integrations
APPROVED

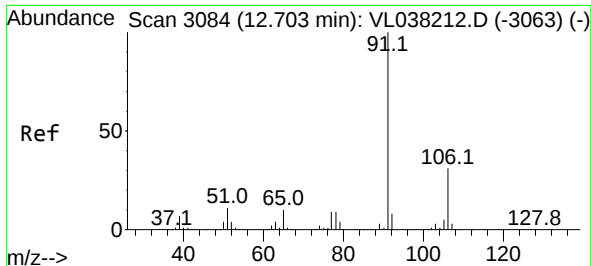
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

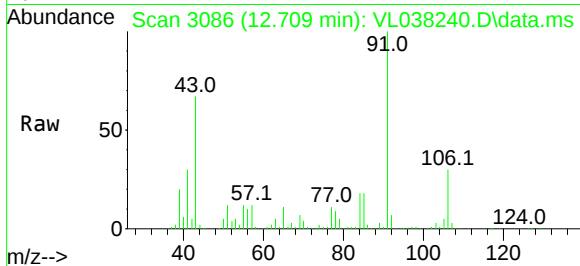
Tgt Ion:117 Resp: 1664570
Ion Ratio Lower Upper
117 100
82 65.2 53.3 79.9
119 33.4 25.5 38.3





#58
Ethyl Benzene
Concen: 3.540 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

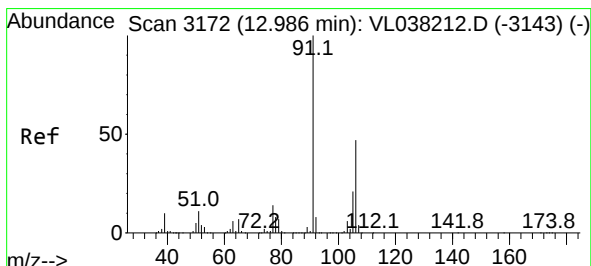
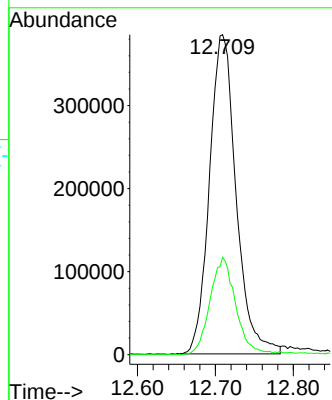
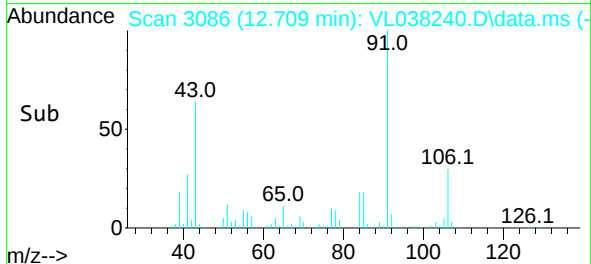
Instrument :
MSVOA_L
ClientSampleId :
SV3



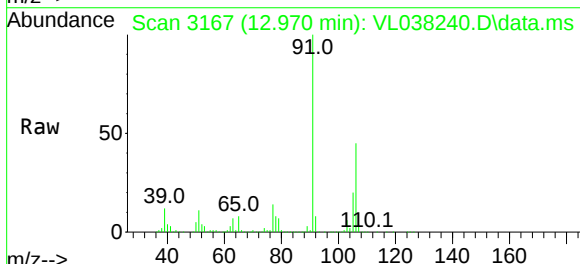
Tgt Ion: 91 Resp: 914354
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

Manual Integrations
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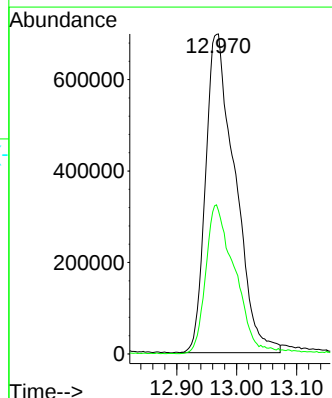
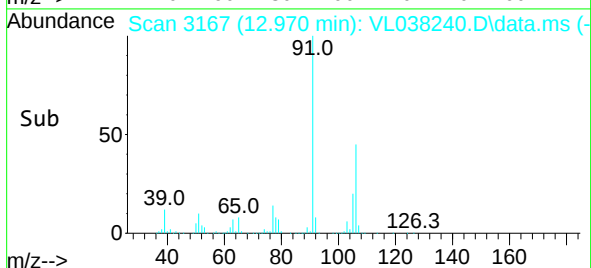
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

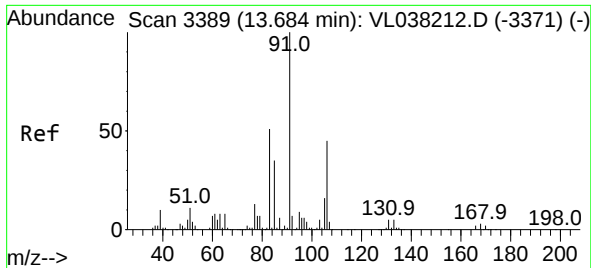


#59
m/p-Xylene
Concen: 10.754 ppbv
RT: 12.970 min Scan# 3167
Delta R.T. -0.016 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58



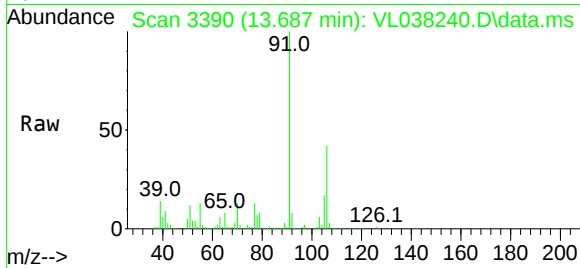
Tgt Ion: 91 Resp: 2374898
Ion Ratio Lower Upper
91 100
106 47.1 36.9 55.3





#60
o-Xylene
Concen: 4.024 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

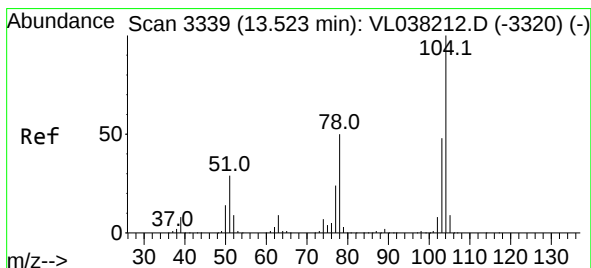
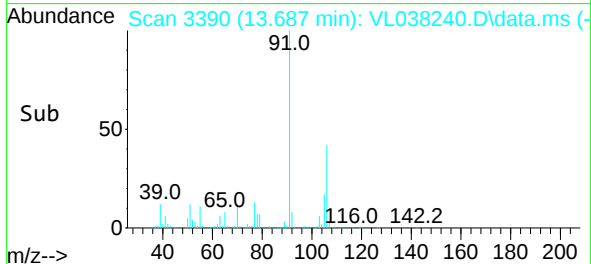
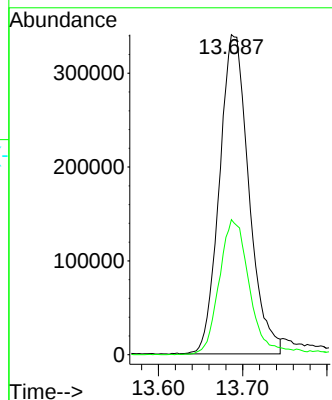
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 91 Resp: 82387
Ion Ratio Lower Upper
91 100
106 44.7 23.5 70.5

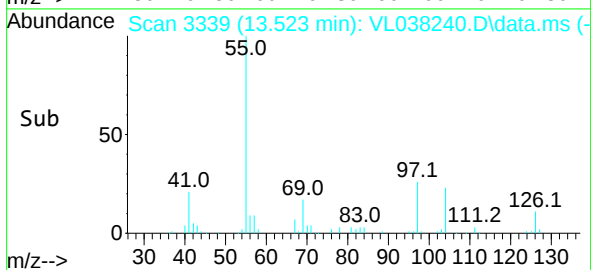
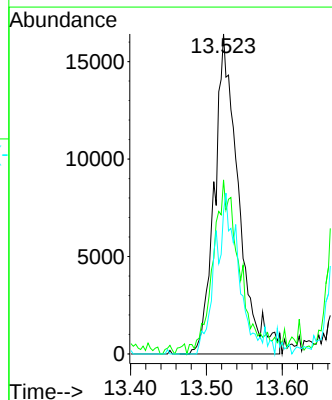
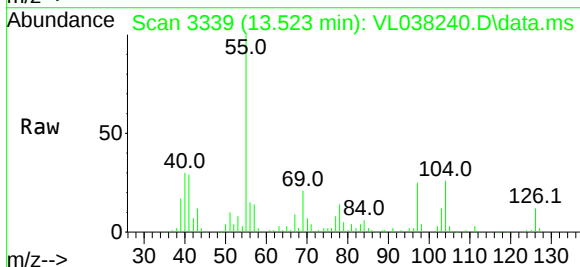
Manual Integrations
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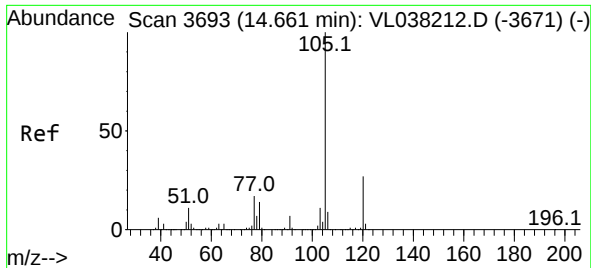
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#61
Styrene
Concen: 0.349 ppbv m
RT: 13.523 min Scan# 3339
Delta R.T. -0.000 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

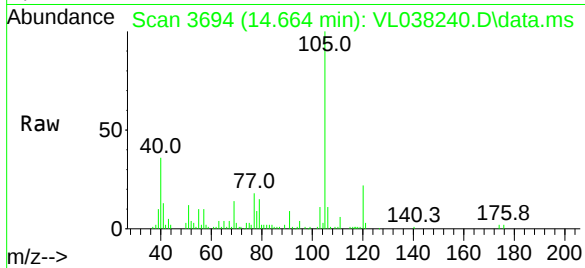
Tgt Ion:104 Resp: 36225
Ion Ratio Lower Upper
104 100
78 65.2 41.0 61.6#
103 49.7 38.0 57.0





#62
Isopropylbenzene
Concen: 0.391 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

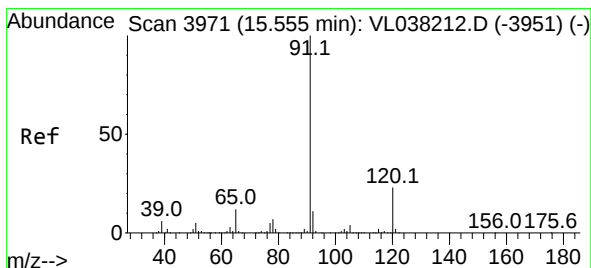
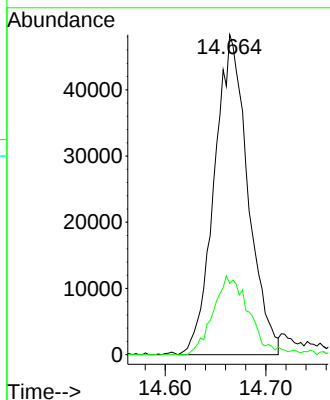
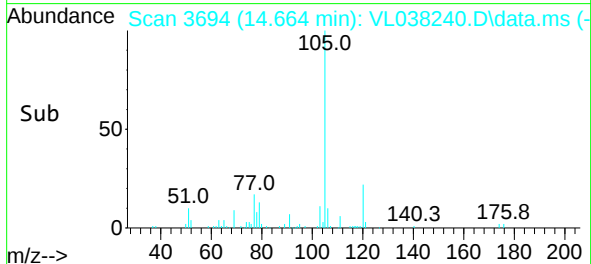
Instrument :
MSVOA_L
ClientSampleId :
SV3



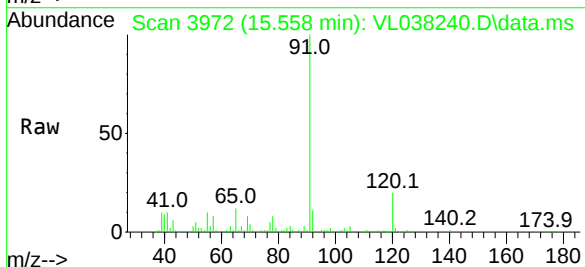
Tgt Ion:105 Resp: 112258
Ion Ratio Lower Upper
105 100
120 27.1 21.0 31.6

Manual Integrations
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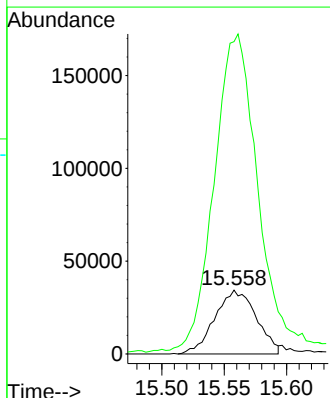
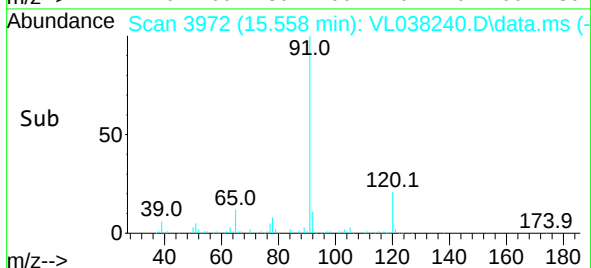
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

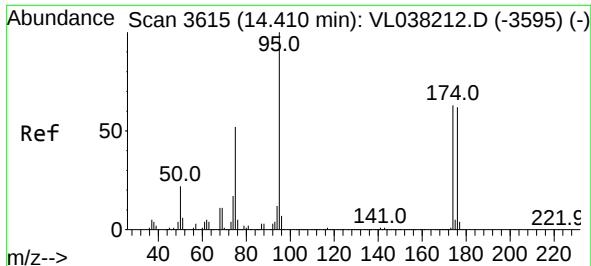


#64
n-propylbenzene
Concen: 1.114 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58



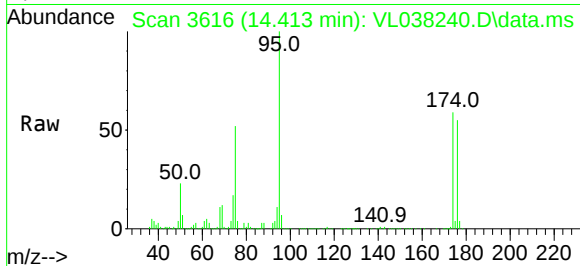
Tgt Ion:120 Resp: 79581
Ion Ratio Lower Upper
120 100
91 537.0 381.5 572.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.452 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. 0.003 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58

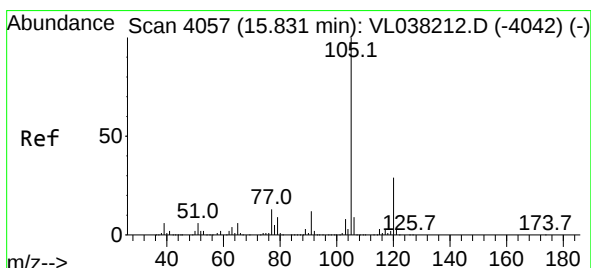
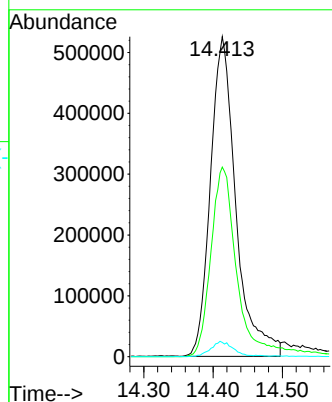
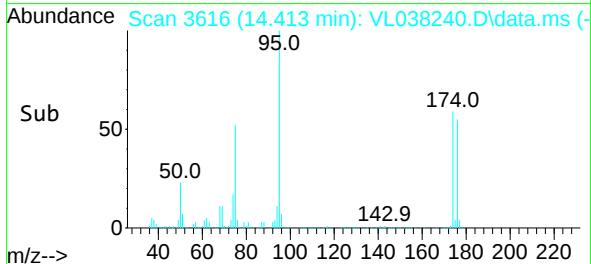
Instrument :
MSVOA_L
ClientSampleId :
SV3



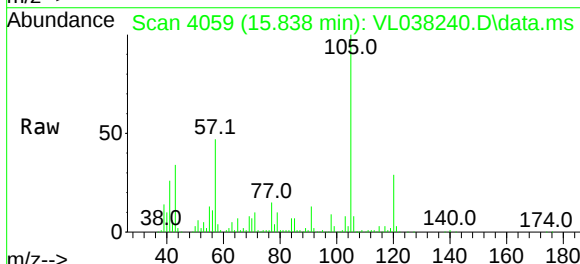
Tgt Ion: 95 Resp: 134075
Ion Ratio Lower Upper
95 100
174 62.4 54.6 81.8
175 4.7 4.1 6.1

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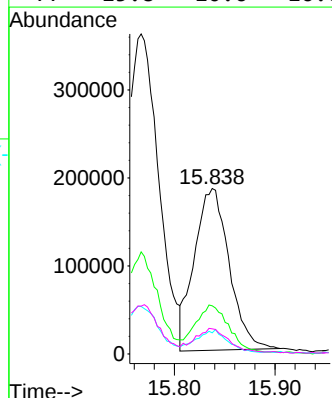
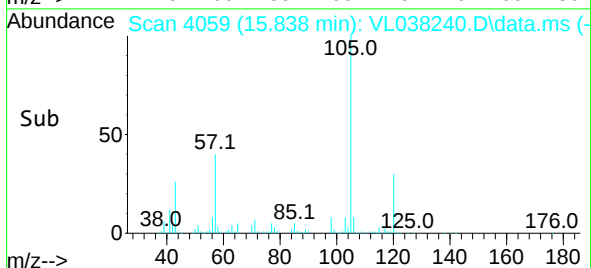
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

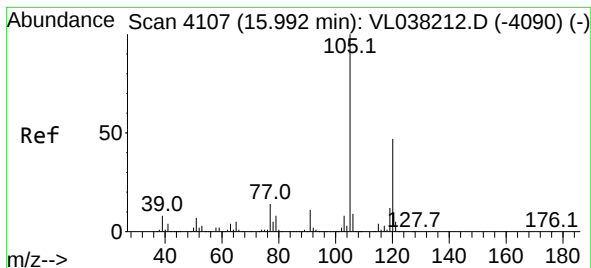


#72
4-Ethyltoluene
Concen: 1.878 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.006 min
Lab File: VL038240.D
Acq: 29 Dec 2021 19:58



Tgt Ion:105 Resp: 442677
Ion Ratio Lower Upper
105 100
120 32.1 24.3 36.5
91 13.8 9.8 14.6
77 15.8 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 1.120 ppbv

RT: 15.998 min Scan# 4107

Delta R.T. 0.006 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

Instrument :

MSVOA_L

ClientSampleId :

SV3

Tgt Ion:105 Resp: 236324

Ion Ratio Lower Upper

105 100

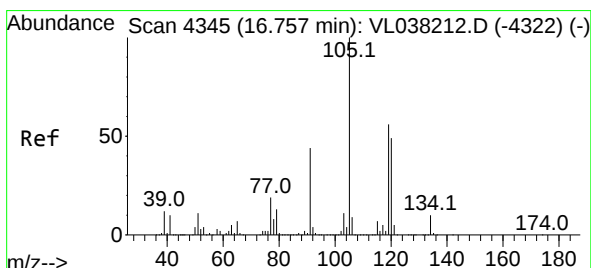
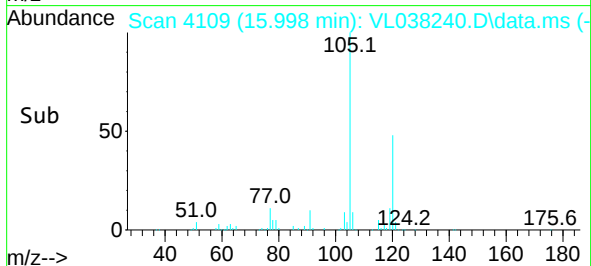
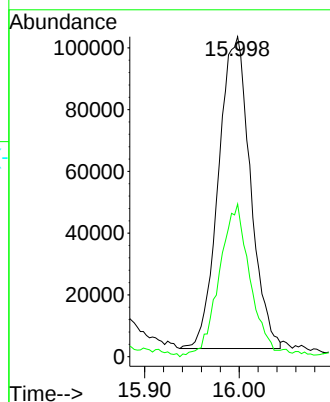
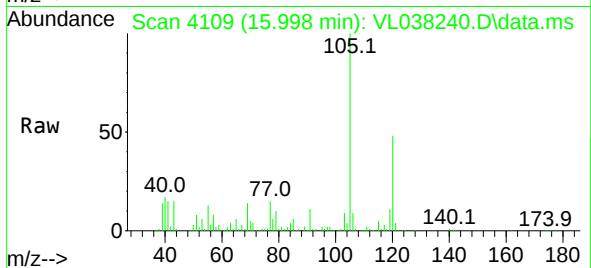
120 49.2 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#74

1,2,4-Trimethylbenzene

Concen: 3.995 ppbv

RT: 16.760 min Scan# 4346

Delta R.T. 0.003 min

Lab File: VL038240.D

Acq: 29 Dec 2021 19:58

Tgt Ion:105 Resp: 885322

Ion Ratio Lower Upper

105 100

120 42.0 39.4 59.2

91 10.9 35.0 52.4#

77 14.2 15.6 23.4#

