

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038408.D
 Acq On : 23 Feb 2022 14:53
 Operator : SY/AP
 Sample : N1607-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-7

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 24 07:27:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

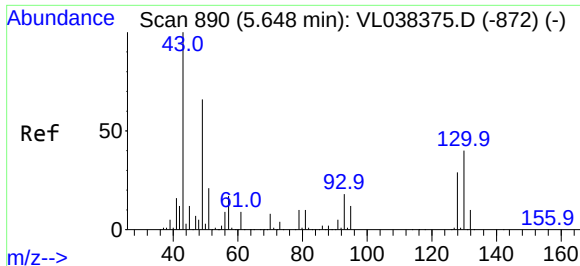
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

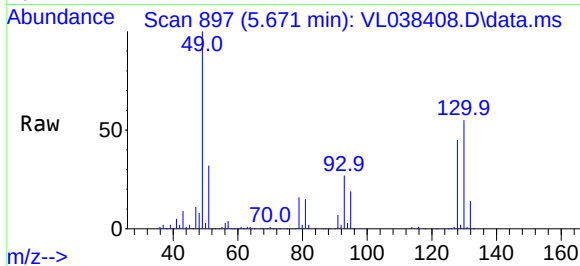
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.671	49	870973	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	2012306	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	1926822	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1518027	9.522	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	23868m	0.173	ppbv	
3) Chlorodifluoromethane	2.999	51	34358	0.223	ppbv	98
4) Chloromethane	3.153	50	39002	0.730	ppbv	92
9) Propene	3.031	41	75428	1.485	ppbv	# 75
10) Heptane	8.124	43	42109	0.341	ppbv	97
11) Trichlorofluoromethane	3.957	101	29145	0.221	ppbv	99
13) Ethanol	3.616	45	2935679	579.281	ppbv	87
15) Acetone	3.854	43	1121374	15.140	ppbv	96
17) tert-Butyl alcohol	4.311	59	25421m	0.344	ppbv	
19) Isopropyl Alcohol	3.980	45	2878953	67.123	ppbv	# 97
20) Methylene Chloride	4.356	84	277586	7.564	ppbv	91
26) Hexane	5.697	57	213956	2.374	ppbv	# 55
30) Cyclohexane	7.134	84	14685m	0.199	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	4619m	0.031	ppbv	
34) 2-Butanone	5.253	43	214239	3.385	ppbv	95
35) Carbon Tetrachloride	7.021	117	13183m	0.093	ppbv	
36) Benzene	6.896	78	54322	0.307	ppbv	96
38) Trichloroethene	7.841	130	3552m	0.055	ppbv	
43) Methyl Methacrylate	8.015	69	23184m	0.376	ppbv	
44) 2,2,4-Trimethylpentane	7.873	57	53579	0.176	ppbv	# 61
50) 4-Methyl-2-Pentanone	8.754	43	14550	0.130	ppbv	# 87
52) Tetrachloroethene	11.224	164	4185m	0.071	ppbv	
53) Toluene	9.806	91	1042888	5.422	ppbv	99
58) Ethyl Benzene	12.716	91	74331m	0.282	ppbv	
59) m/p-Xylene	12.970	91	189567m	0.838	ppbv	
60) o-Xylene	13.693	91	87737	0.410	ppbv	97
61) Styrene	13.529	104	37043	0.375	ppbv	# 86
62) Isopropylbenzene	14.667	105	50581m	0.176	ppbv	
67) sec-Butylbenzene	17.288	105	40951m	0.116	ppbv	
69) p-Isopropyltoluene	17.648	119	41266m	0.149	ppbv	
70) n-Butylbenzene	18.548	91	49667m	0.173	ppbv	
72) 4-Ethyltoluene	15.844	105	61270m	0.260	ppbv	
73) 1,3,5-Trimethylbenzene	15.999	105	57169m	0.267	ppbv	
74) 1,2,4-Trimethylbenzene	16.761	105	158282	0.700	ppbv	# 66
79) Naphthalene	22.194	128	36623m	0.299	ppbv	
81) 1,2,4-Trichlorobenzene	21.918	180	9740m	0.132	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.023 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

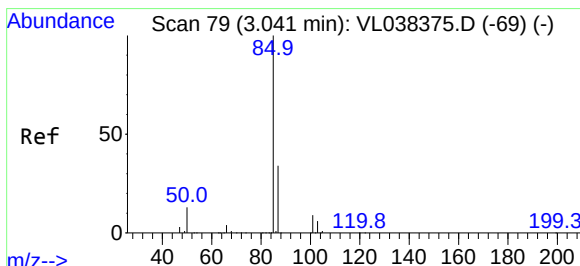
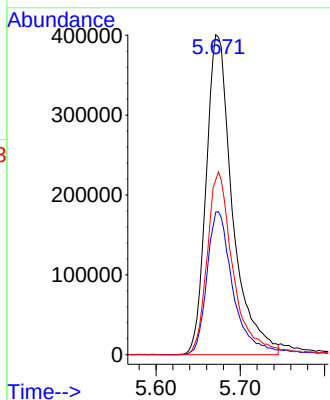
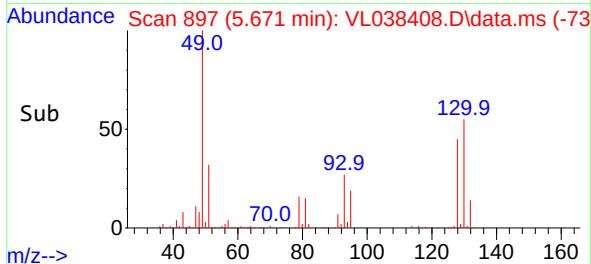
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 49 Resp: 87097
Ion Ratio Lower Upper
49 100
128 46.3 24.3 72.9
130 58.0 30.1 90.5

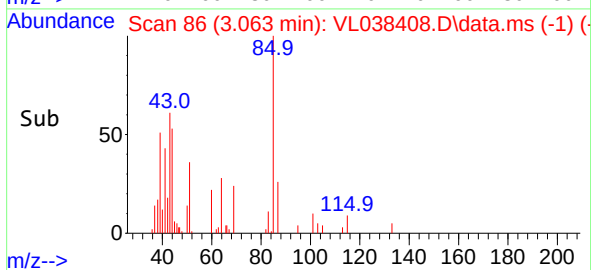
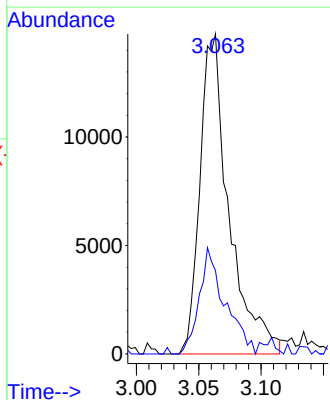
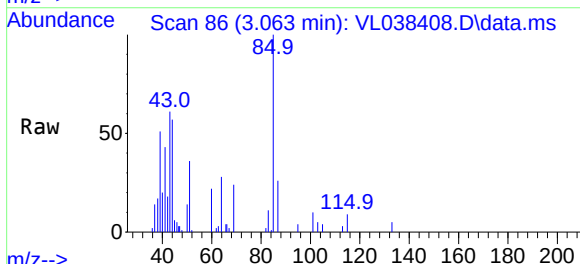
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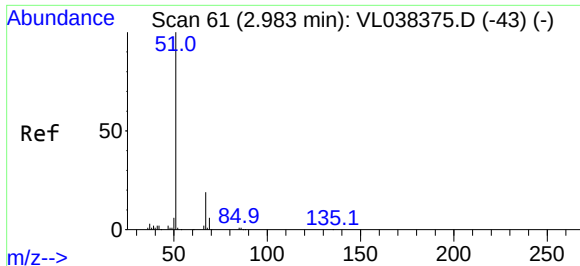
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#2
Dichlorodifluoromethane
Concen: 0.173 ppbv m
RT: 3.063 min Scan# 86
Delta R.T. 0.023 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

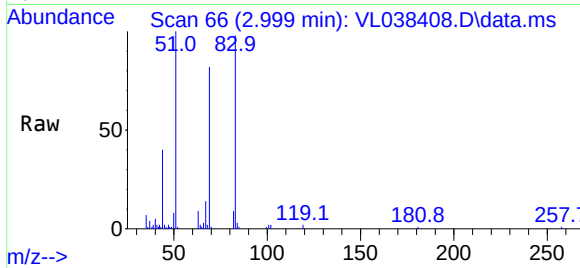
Tgt Ion: 85 Resp: 23868
Ion Ratio Lower Upper
85 100
87 26.1 27.4 41.0#





#3
Chlorodifluoromethane
Concen: 0.223 ppbv
RT: 2.999 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

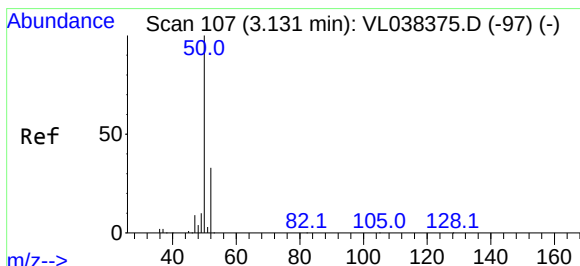
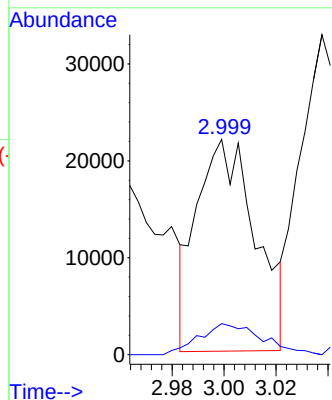
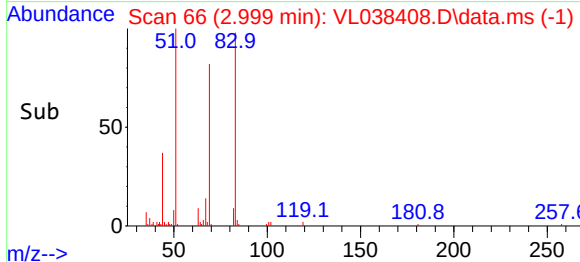
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 51 Resp: 34358
Ion Ratio Lower Upper
51 100
67 17.4 14.7 22.1

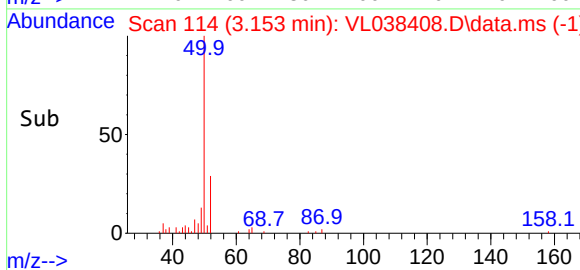
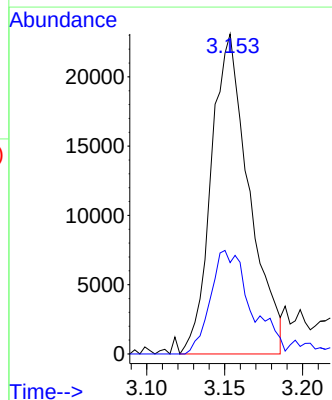
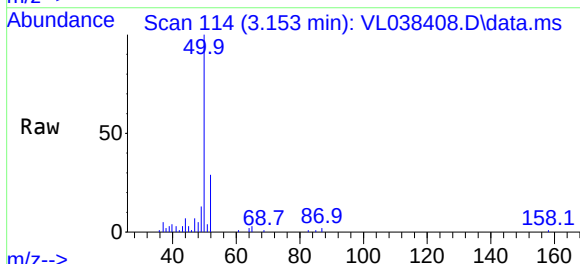
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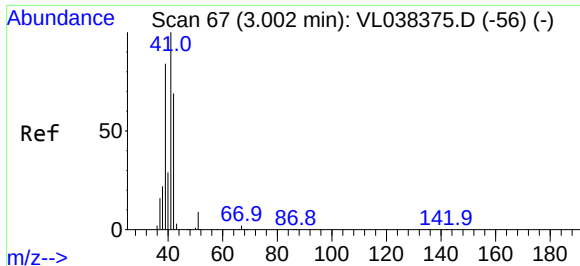
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#4
Chloromethane
Concen: 0.730 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.023 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

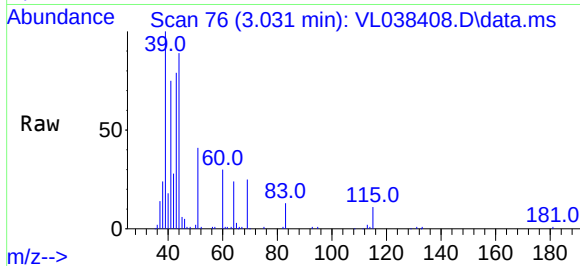
Tgt Ion: 50 Resp: 39002
Ion Ratio Lower Upper
50 100
52 28.5 26.5 39.7





#9
Propene
Concen: 1.485 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

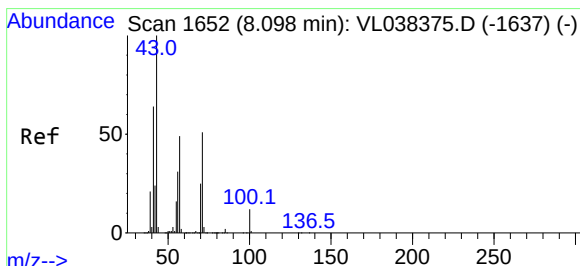
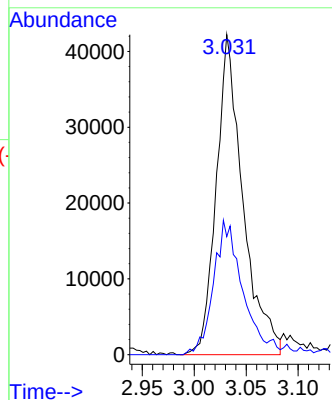
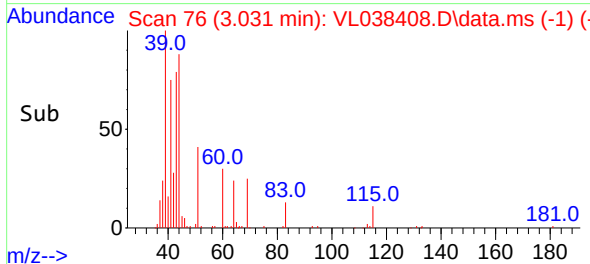
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 41 Resp: 75428
Ion Ratio Lower Upper
41 100
42 47.7 54.6 82.0

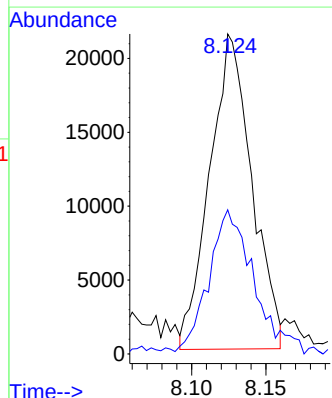
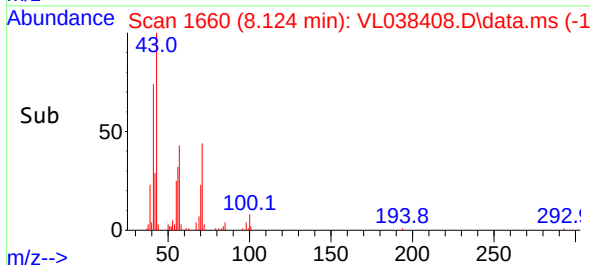
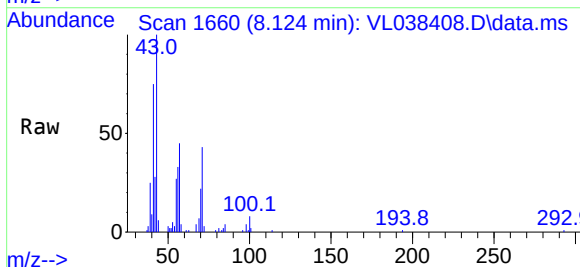
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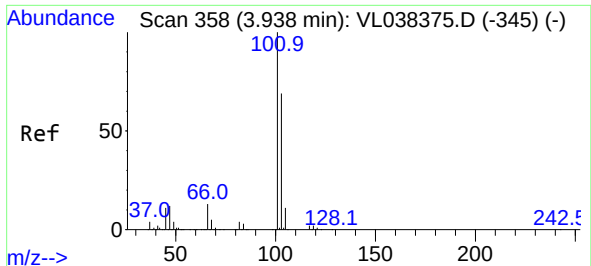
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#10
Heptane
Concen: 0.341 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

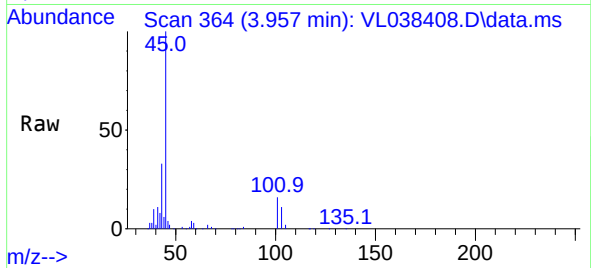
Tgt Ion: 43 Resp: 42109
Ion Ratio Lower Upper
43 100
57 51.7 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.221 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

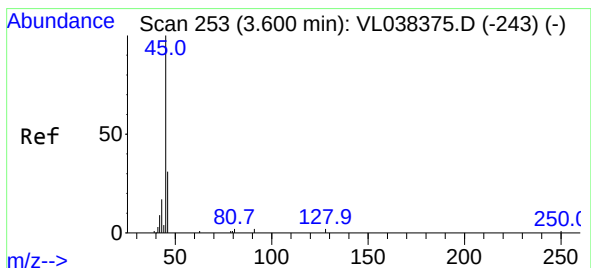
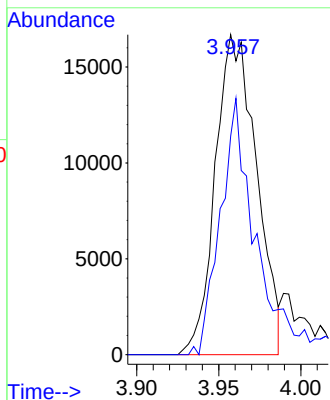
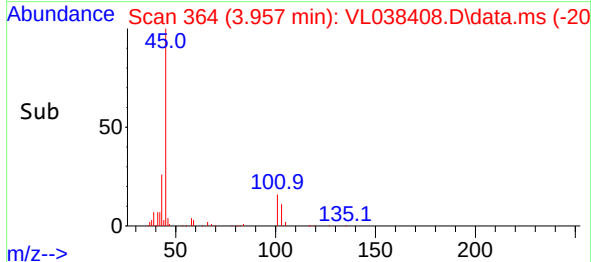
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion:101 Resp: 2914
Ion Ratio Lower Upper
101 100
103 68.3 55.0 82.4

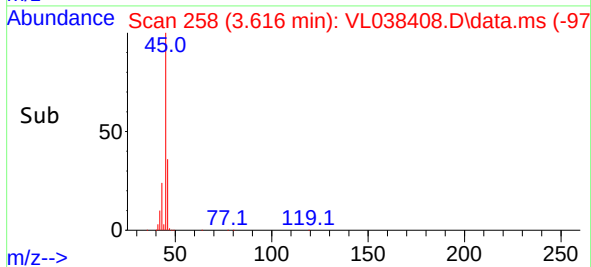
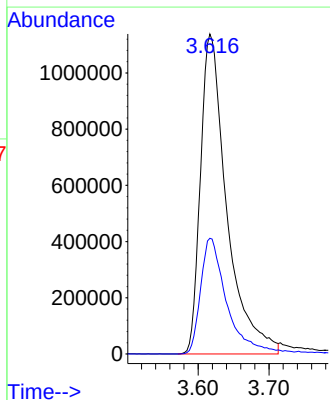
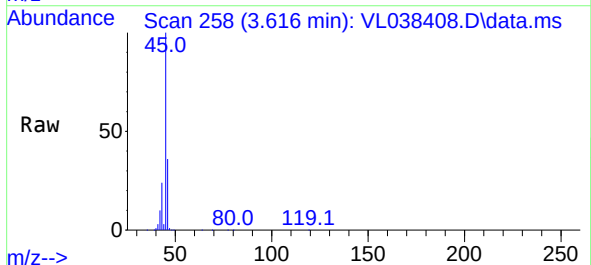
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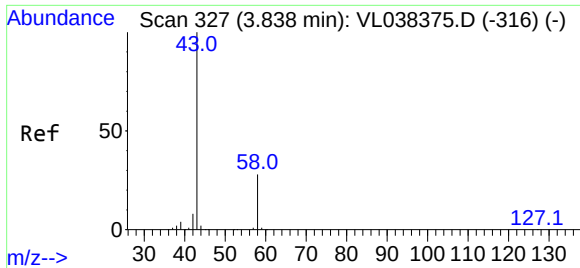
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#13
Ethanol
Concen: 579.281 ppbv
RT: 3.616 min Scan# 258
Delta R.T. 0.016 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion: 45 Resp: 2935679
Ion Ratio Lower Upper
45 100
46 36.8 18.2 72.8





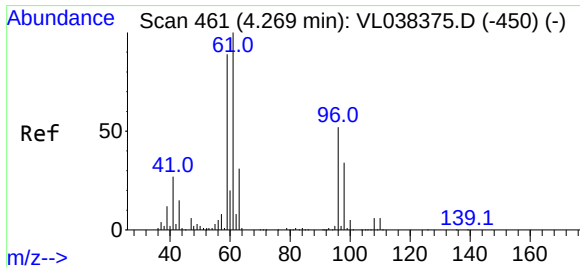
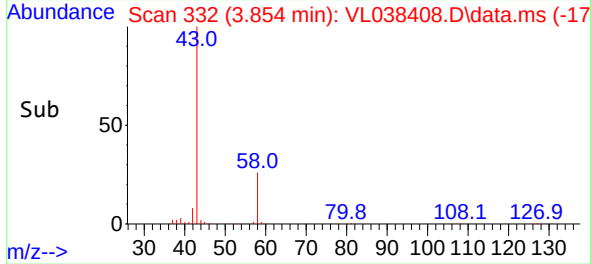
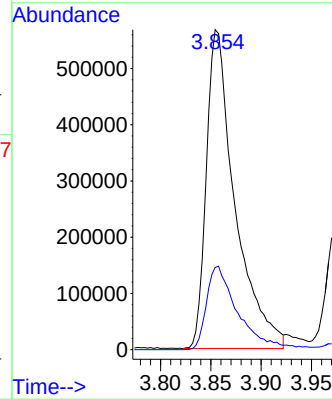
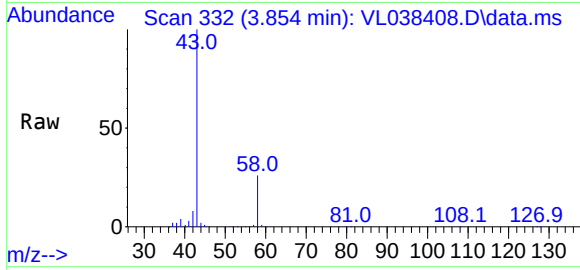
#15
Acetone
Concen: 15.140 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion: 43 Resp: 1121374
Ion Ratio Lower Upper
43 100
58 28.9 21.7 32.5

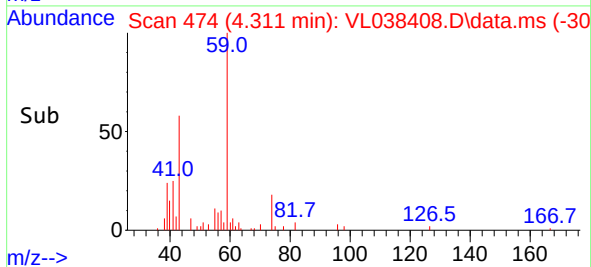
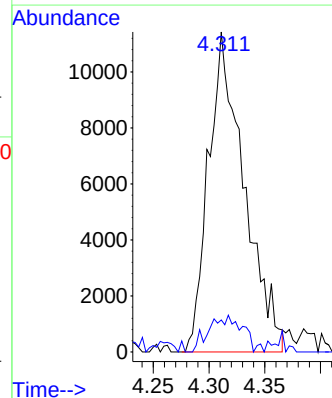
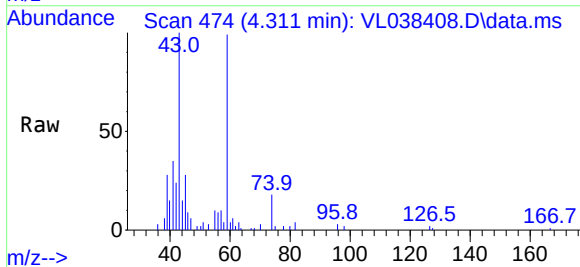
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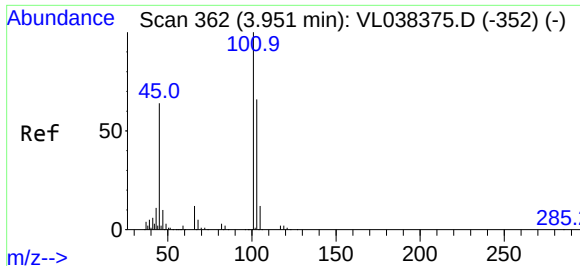
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#17
tert-Butyl alcohol
Concen: 0.344 ppbv m
RT: 4.311 min Scan# 474
Delta R.T. 0.042 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

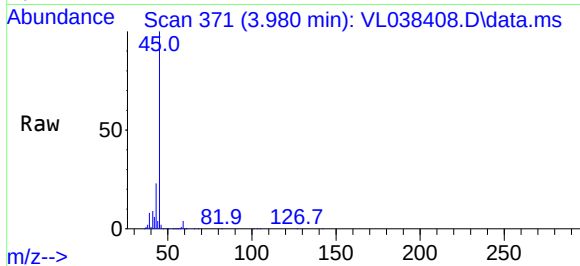
Tgt Ion: 59 Resp: 25421
Ion Ratio Lower Upper
59 100
57 50.0 8.4 12.6#





#19
Isopropyl Alcohol
Concen: 67.123 ppbv
RT: 3.980 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

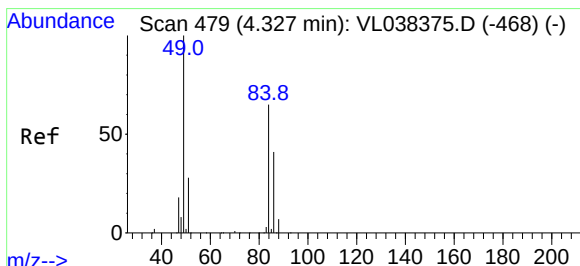
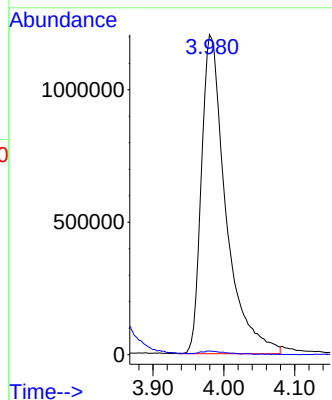
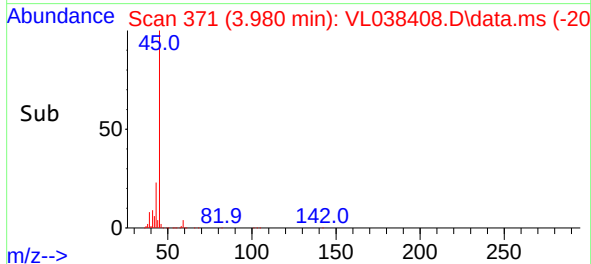
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 45 Resp: 287895
Ion Ratio Lower Upper
45 100
58 1.4 1.8 2.8

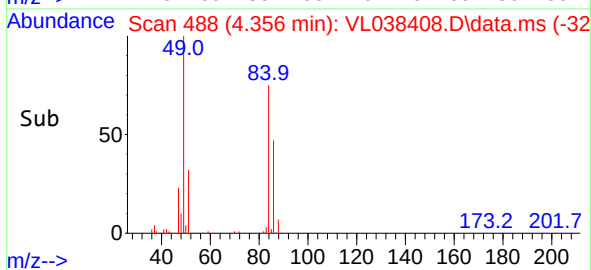
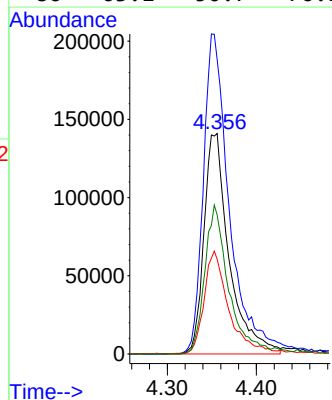
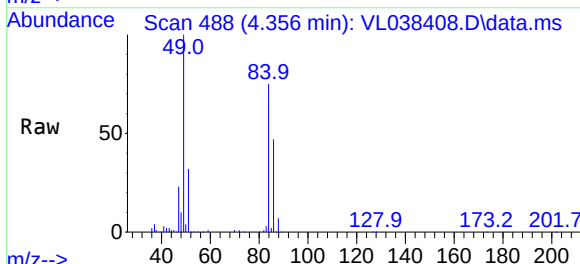
Manual Integrations
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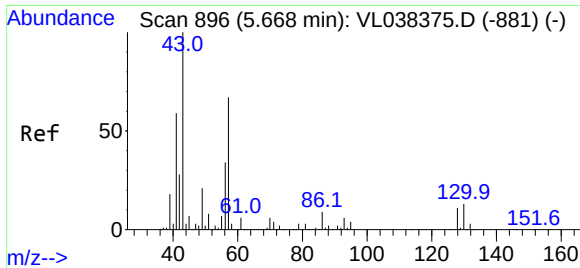
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 7.564 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

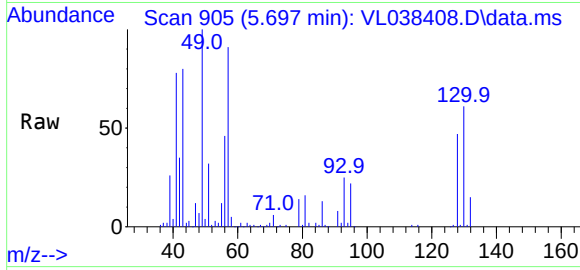
Tgt Ion: 84 Resp: 277586
Ion Ratio Lower Upper
84 100
49 133.3 122.4 183.6
51 42.7 33.3 49.9
86 63.1 50.7 76.1





#26
Hexane
Concen: 2.374 ppbv
RT: 5.697 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

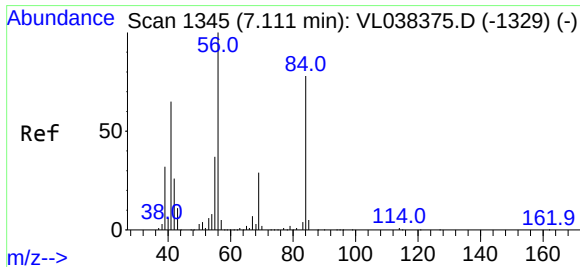
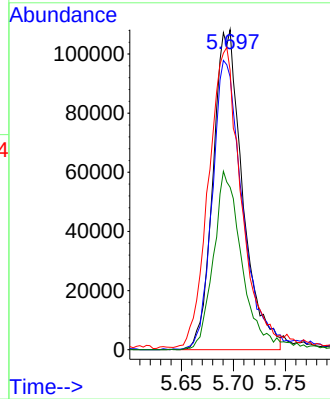
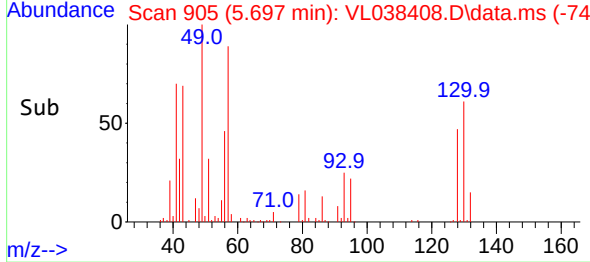
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 57 Resp: 21395
Ion Ratio Lower Upper
57 100
41 95.9 73.1 109.7
43 108.0 181.0 271.4
56 55.5 43.4 65.0

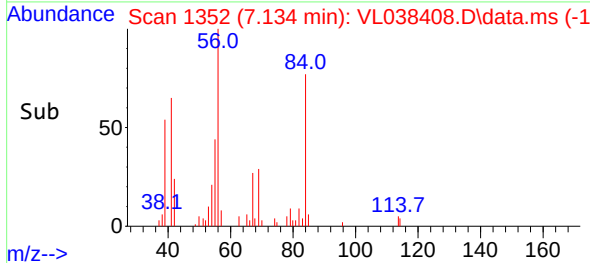
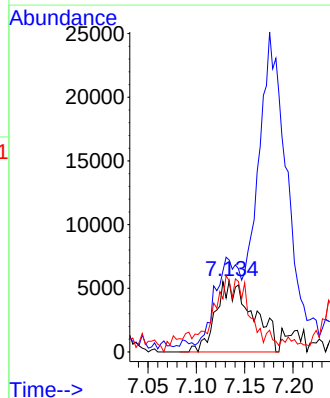
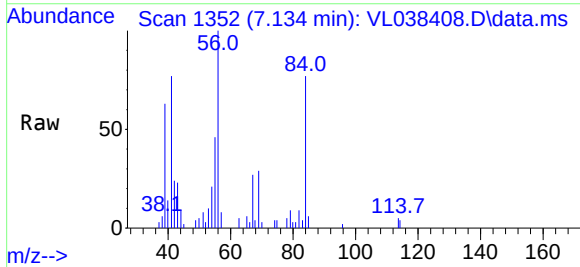
Manual Integrations
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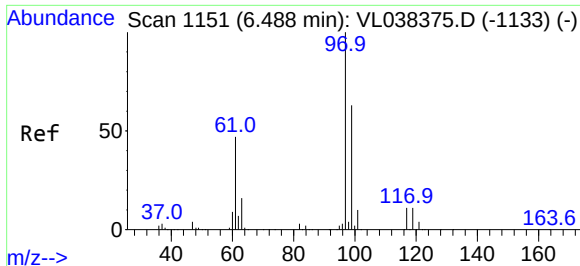
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#30
Cyclohexane
Concen: 0.199 ppbv m
RT: 7.134 min Scan# 1352
Delta R.T. 0.023 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

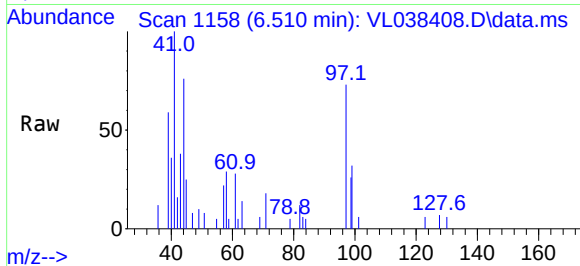
Tgt Ion: 84 Resp: 14685
Ion Ratio Lower Upper
84 100
56 0.0 116.2 174.4#
41 0.0 74.3 111.5#





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 6.510 min Scan# 1151
Delta R.T. 0.023 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

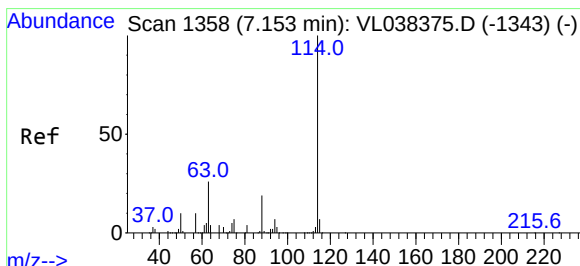
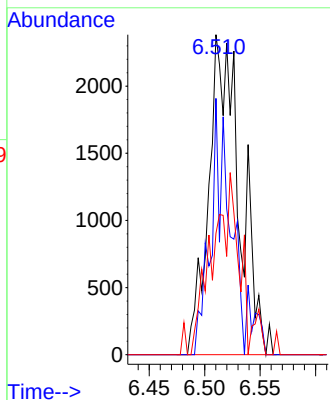
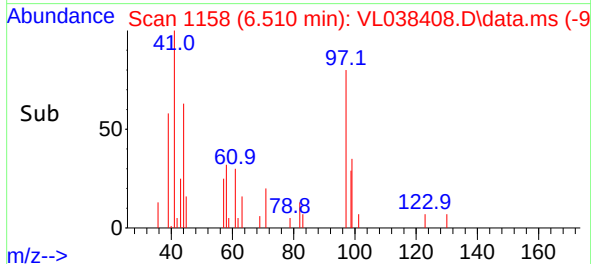
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 97 Resp: 4619
Ion Ratio Lower Upper
97 100
99 54.8 51.9 77.9
61 0.0 40.5 60.7

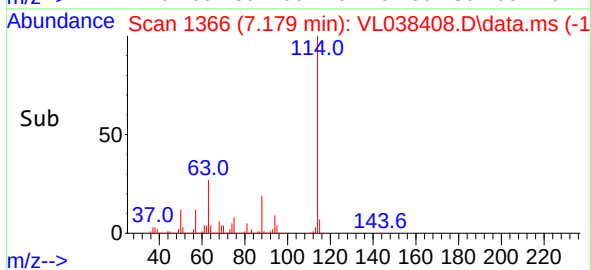
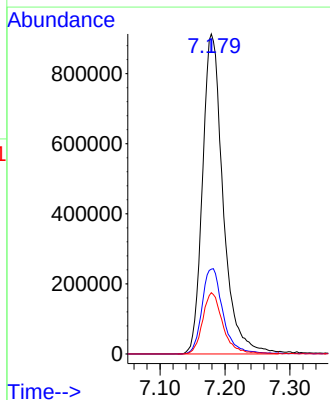
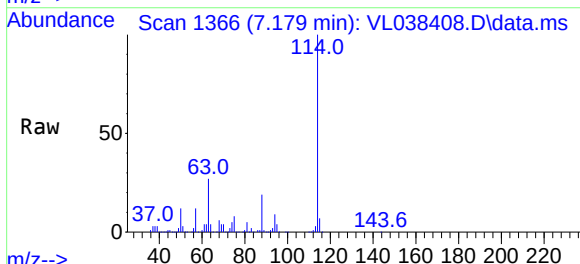
Manual Integrations
APPROVED

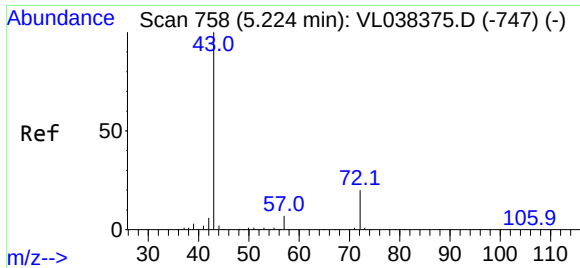
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

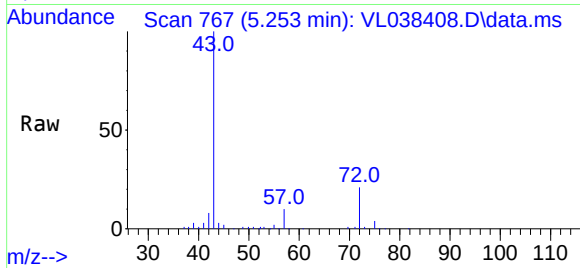
Tgt Ion:114 Resp: 2012306
Ion Ratio Lower Upper
114 100
63 27.4 22.2 33.2
88 18.9 15.2 22.8





#34
2-Butanone
Concen: 3.385 ppbv
RT: 5.253 min Scan# 70
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

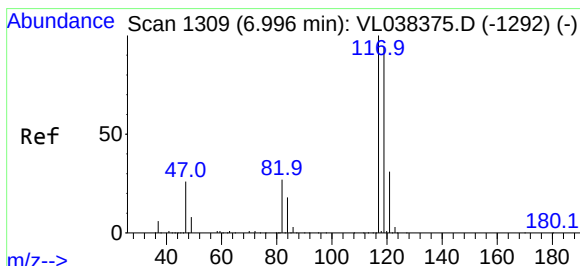
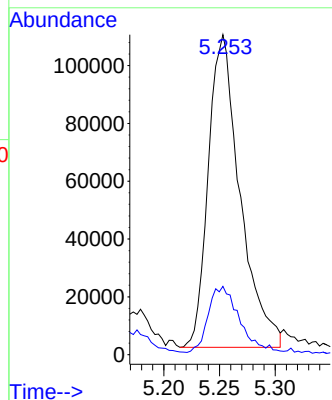
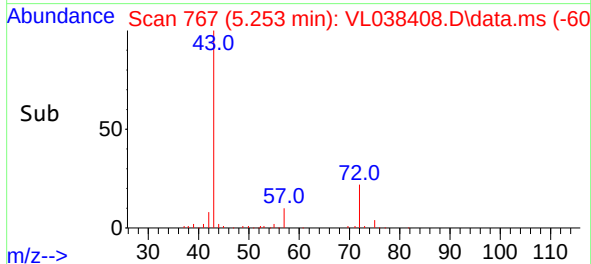
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 43 Resp: 214239
Ion Ratio Lower Upper
43 100
72 24.3 17.4 26.2

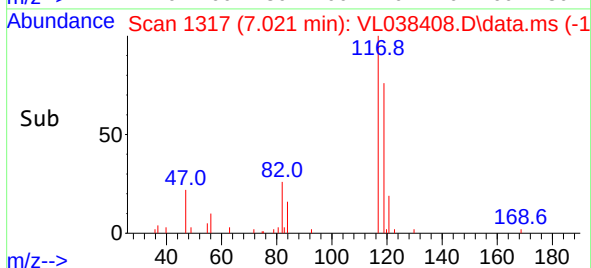
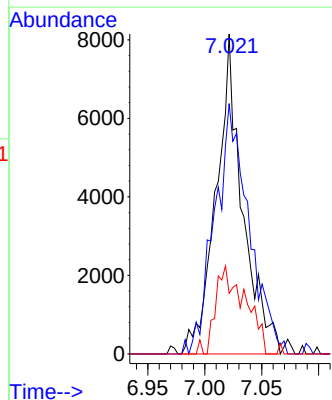
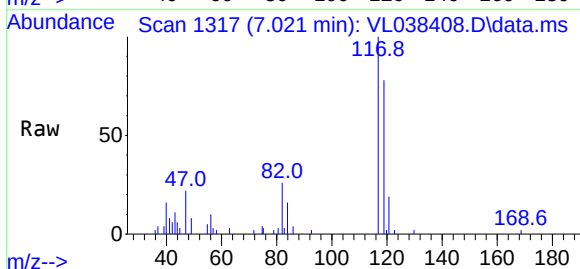
Manual Integrations
APPROVED

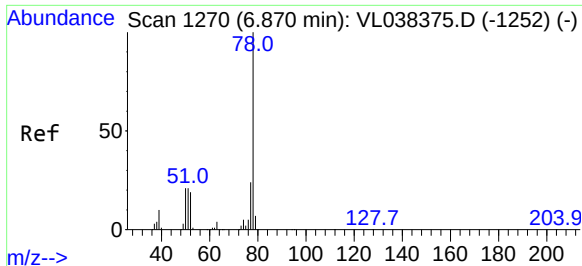
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#35
Carbon Tetrachloride
Concen: 0.093 ppbv m
RT: 7.021 min Scan# 1317
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

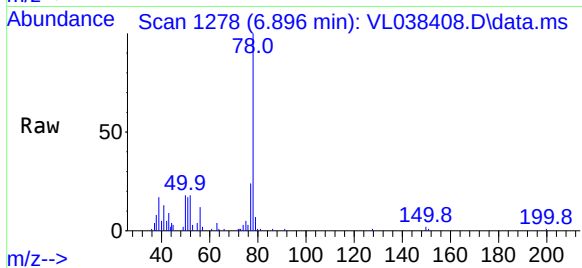
Tgt Ion:117 Resp: 13183
Ion Ratio Lower Upper
117 100
119 78.2 74.9 112.3
121 19.0 24.8 37.2#





#36
Benzene
Concen: 0.307 ppbv
RT: 6.896 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

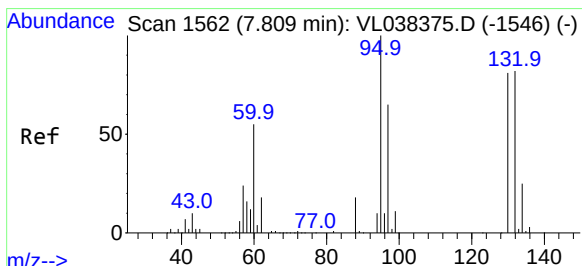
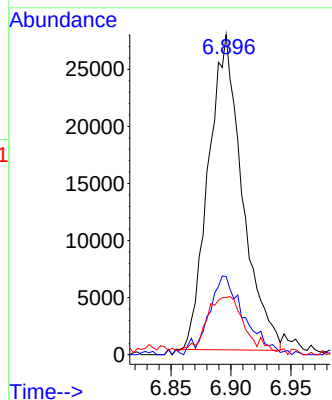
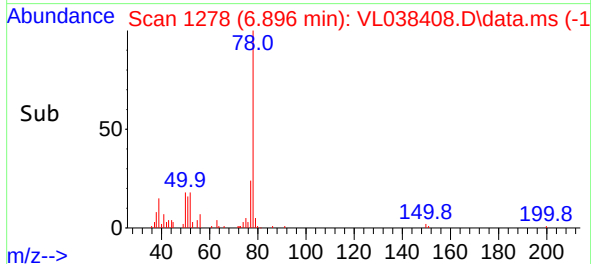
Instrument :
MSVOA_L
ClientSampleId :
MP-7



Tgt Ion: 78 Resp: 5432
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6
50 16.8 16.6 24.8

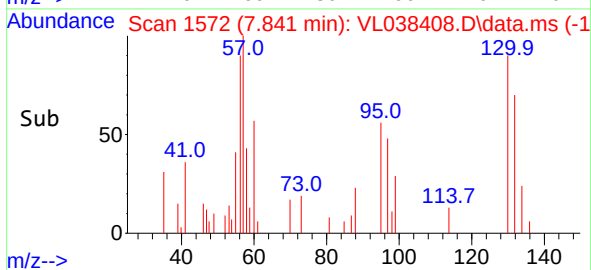
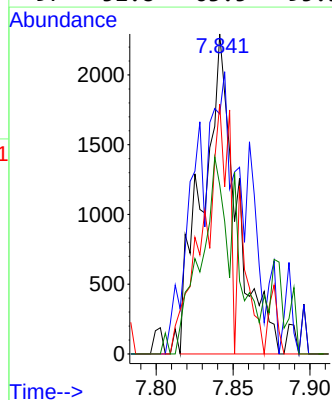
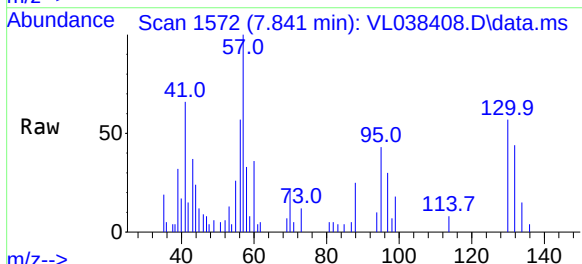
Manual Integrations
APPROVED

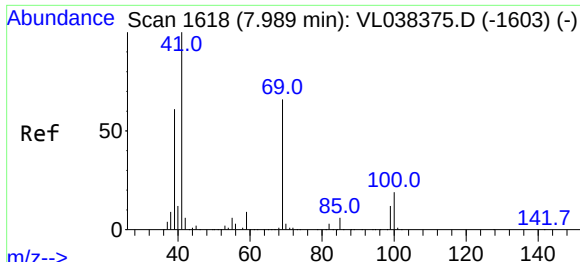
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#38
Trichloroethene
Concen: 0.055 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.032 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

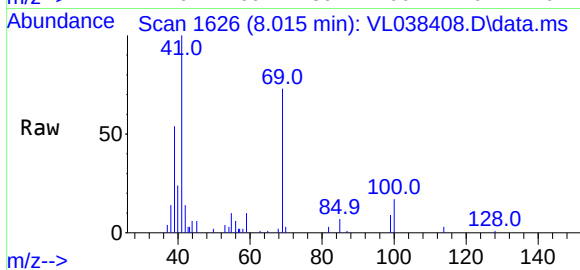
Tgt Ion:130 Resp: 3552
Ion Ratio Lower Upper
130 100
95 75.0 98.1 147.1#
132 78.0 80.3 120.5#
97 52.8 63.5 95.3#





#43
Methyl Methacrylate
Concen: 0.376 ppbv m
RT: 8.015 min Scan# 1
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

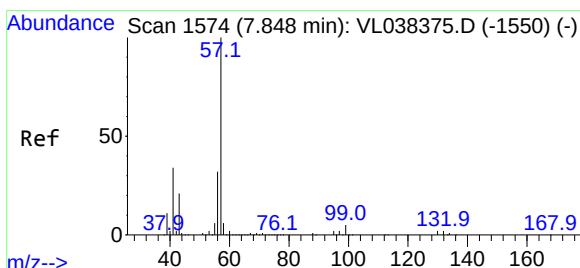
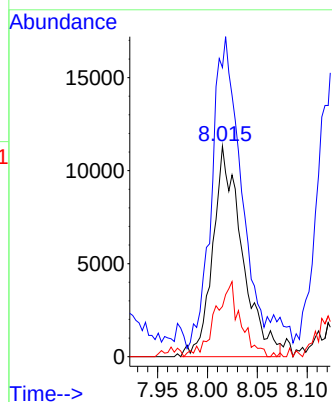
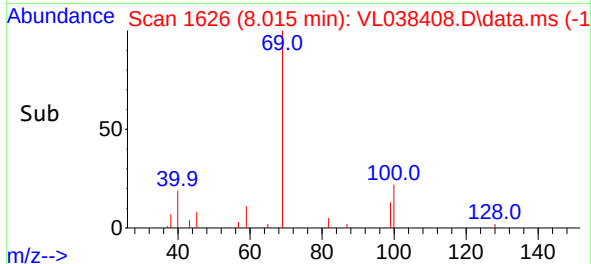
Instrument :
MSVOA_L
ClientSampleId :
MP-7



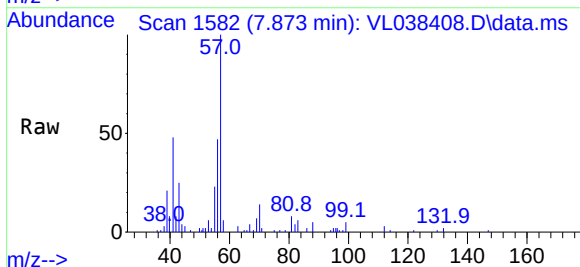
Tgt Ion: 69 Resp: 23184
Ion Ratio Lower Upper
69 100
41 149.9 122.9 184.3
100 0.0 23.6 35.4

Manual Integrations
APPROVED

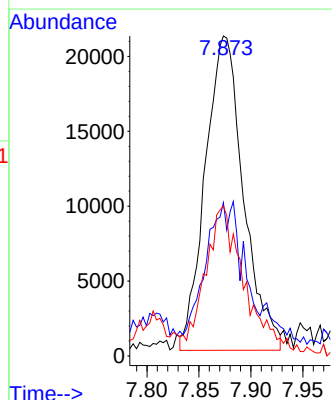
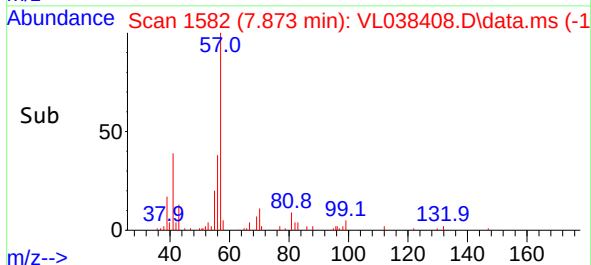
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

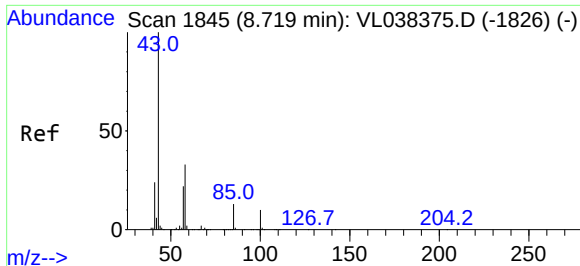


#44
2,2,4-Trimethylpentane
Concen: 0.176 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53



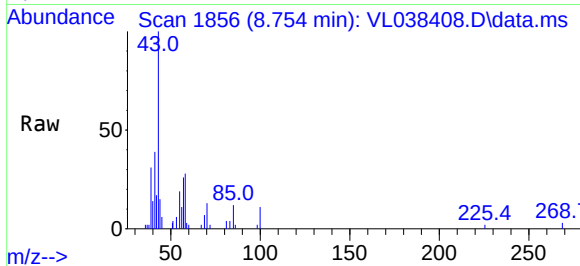
Tgt Ion: 57 Resp: 53579
Ion Ratio Lower Upper
57 100
41 57.2 26.6 39.8#
56 51.0 25.0 37.6#





#50
4-Methyl-2-Pentanone
Concen: 0.130 ppbv
RT: 8.754 min Scan# 1856
Delta R.T. 0.036 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

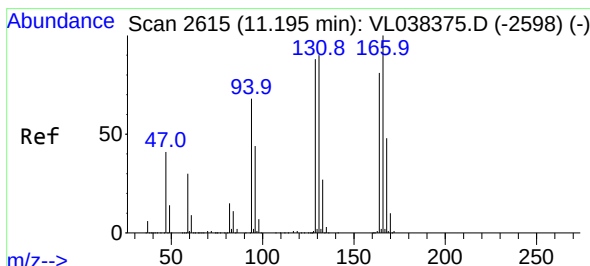
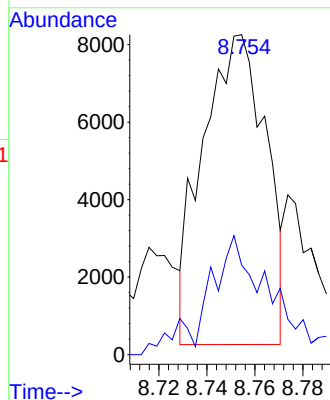
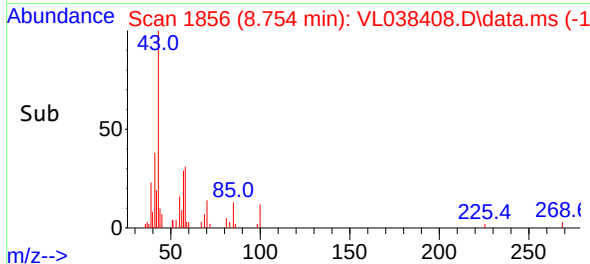
Instrument :
MSVOA_L
ClientSampleId :
MP-7



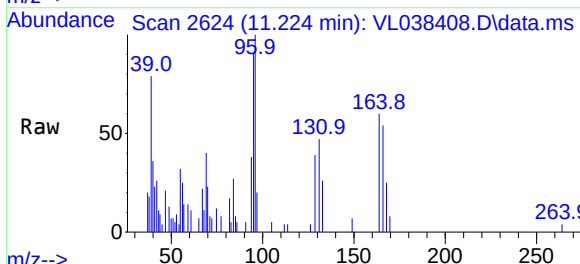
Tgt Ion: 43 Resp: 14550
Ion Ratio Lower Upper
43 100
58 42.4 27.7 41.5

Manual Integrations
APPROVED

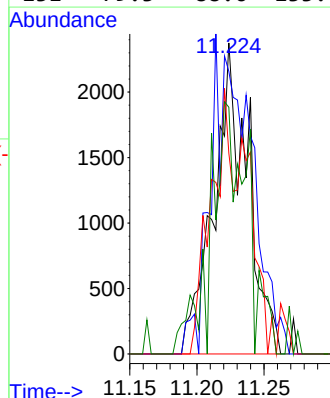
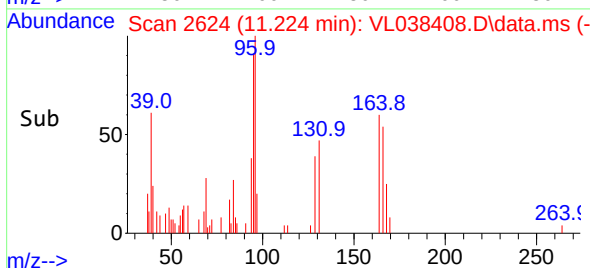
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

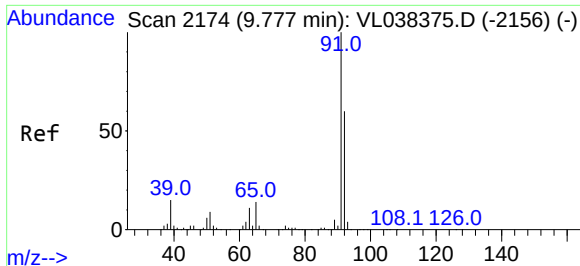


#52
Tetrachloroethene
Concen: 0.071 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53



Tgt Ion:164 Resp: 4185
Ion Ratio Lower Upper
164 100
166 90.8 98.6 148.0#
129 64.6 86.9 130.3#
131 79.3 88.6 133.0#





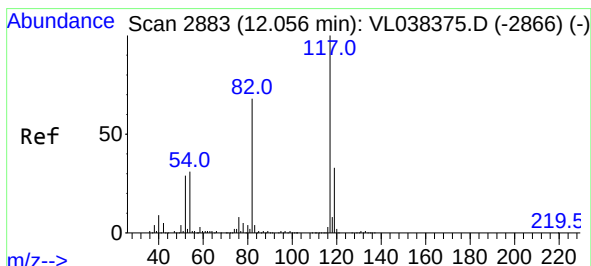
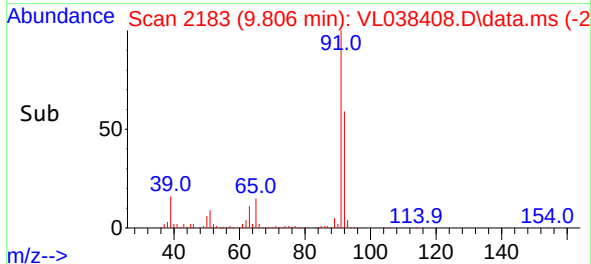
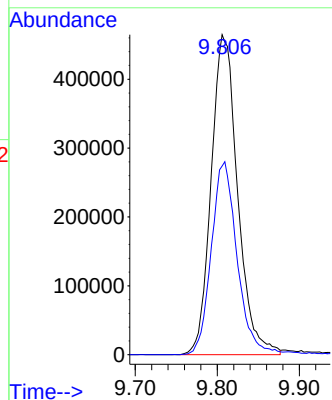
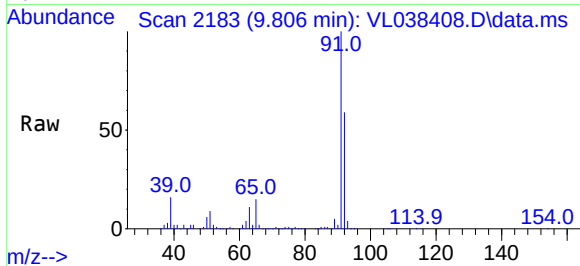
#53
Toluene
Concen: 5.422 ppbv
RT: 9.806 min Scan# 2174
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion: 91 Resp: 104288
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4

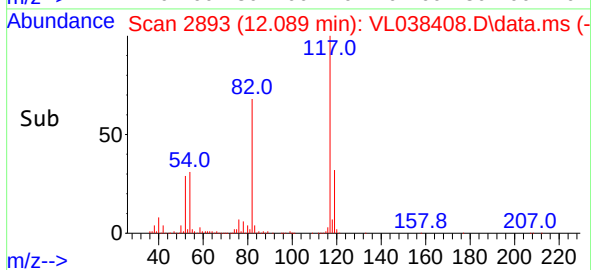
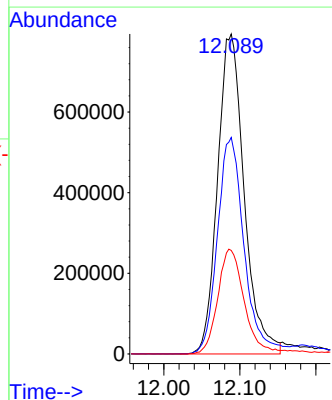
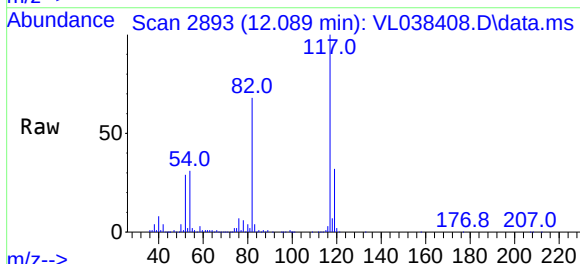
Manual Integrations
APPROVED

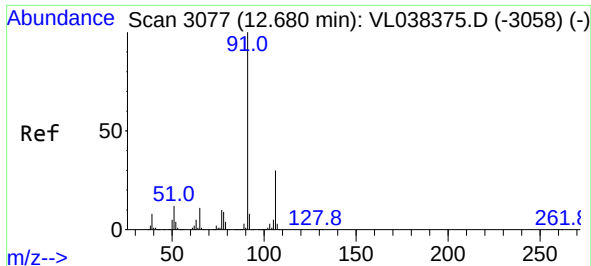
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.032 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:117 Resp: 1926822
Ion Ratio Lower Upper
117 100
82 68.2 54.9 82.3
119 33.5 46.1 69.1#





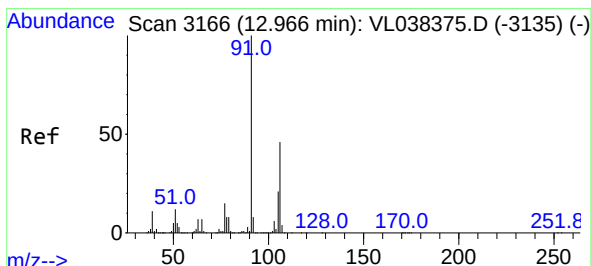
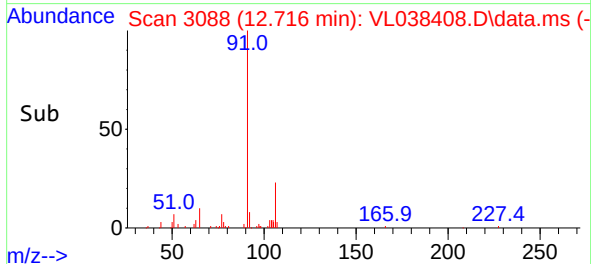
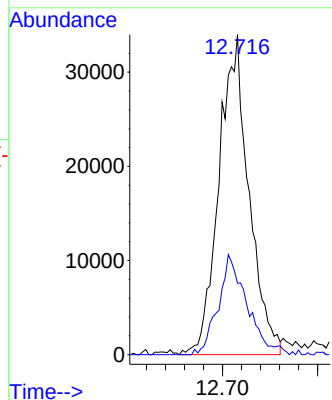
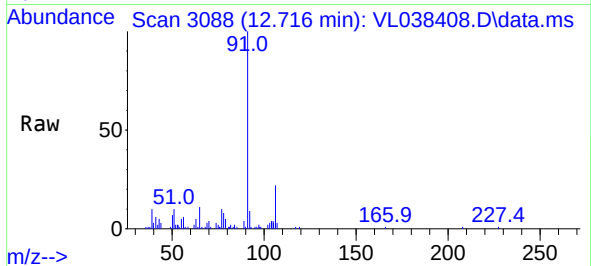
#58
Ethyl Benzene
Concen: 0.282 ppbv m
RT: 12.716 min Scan# 3077
Delta R.T. 0.036 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion: 91 Resp: 7433
Ion Ratio Lower Upper
91 100
106 22.4 24.0 36.0

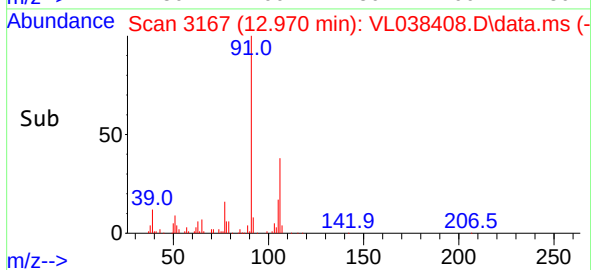
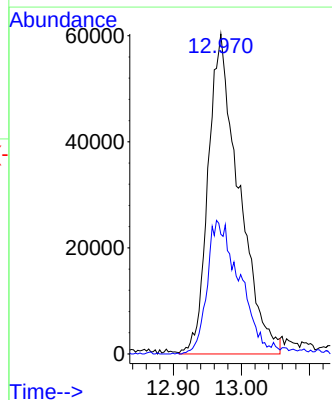
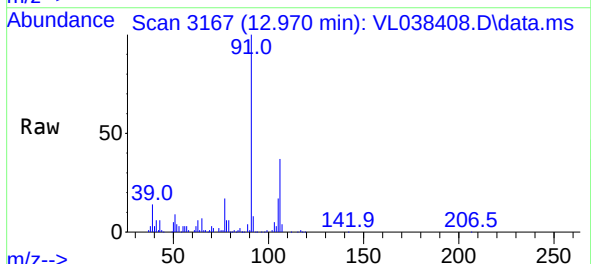
Manual Integrations
APPROVED

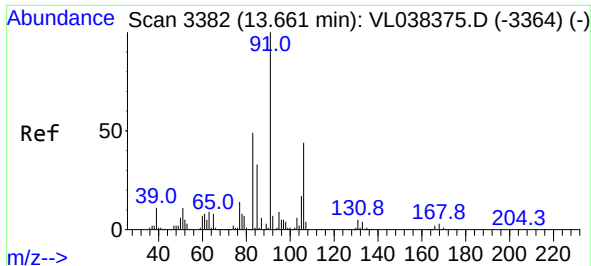
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#59
m/p-Xylene
Concen: 0.838 ppbv m
RT: 12.970 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion: 91 Resp: 189567
Ion Ratio Lower Upper
91 100
106 0.0 34.4 51.6





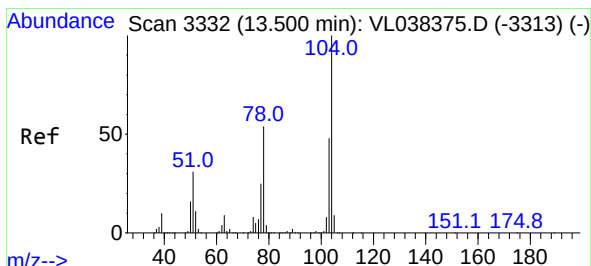
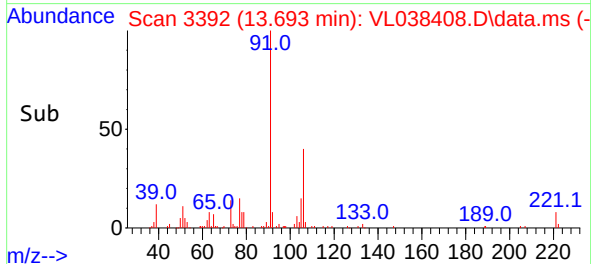
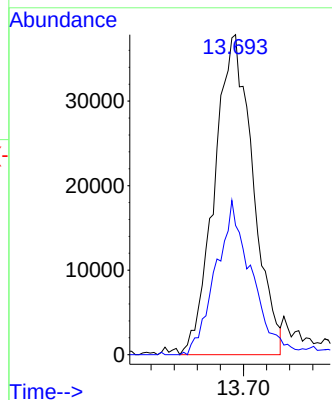
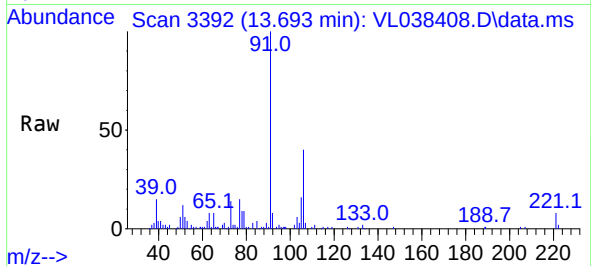
#60
o-Xylene
Concen: 0.410 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.032 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion: 91 Resp: 8773
Ion Ratio Lower Upper
91 100
106 45.4 21.9 65.5

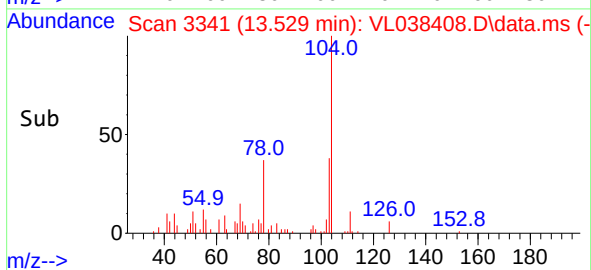
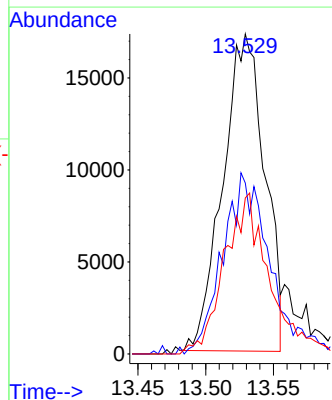
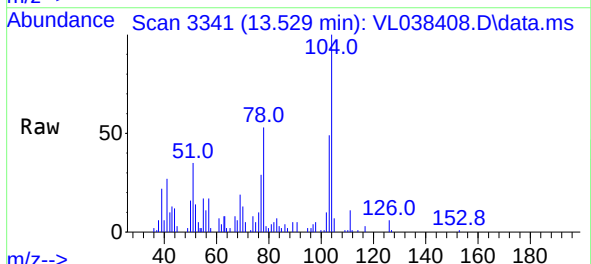
Manual Integrations
APPROVED

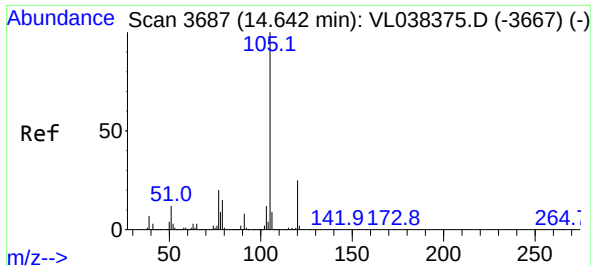
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#61
Styrene
Concen: 0.375 ppbv
RT: 13.529 min Scan# 3341
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:104 Resp: 37043
Ion Ratio Lower Upper
104 100
78 67.4 44.2 66.4#
103 56.0 38.4 57.6





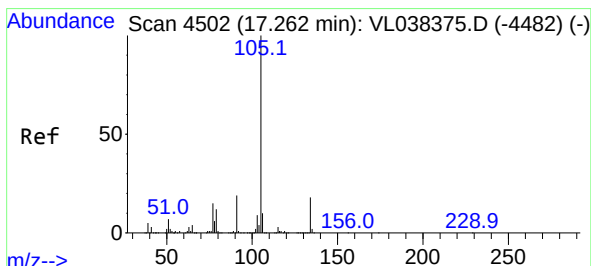
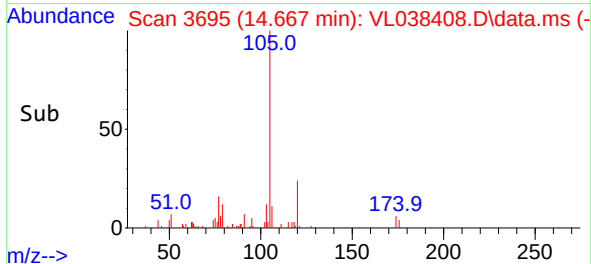
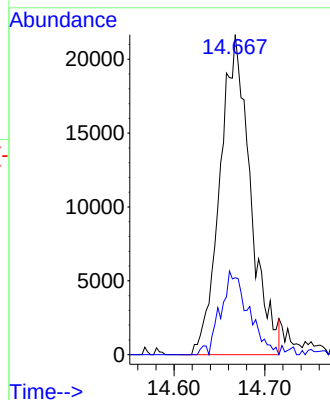
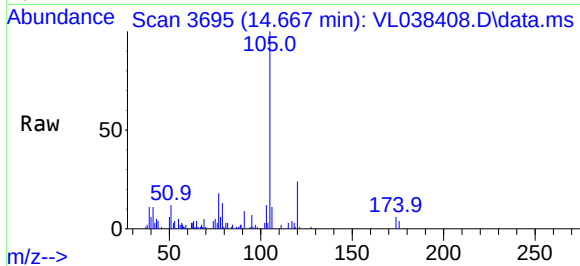
#62
Isopropylbenzene
Concen: 0.176 ppbv m
RT: 14.667 min Scan# 30
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion:105 Resp: 5058
Ion Ratio Lower Upper
105 100
120 0.0 20.6 30.8

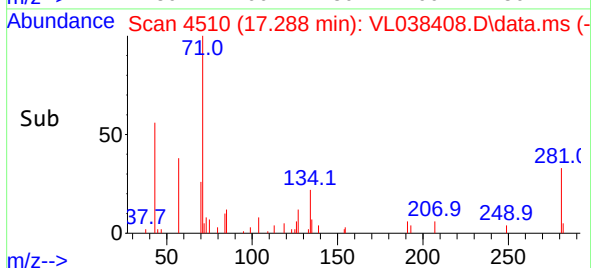
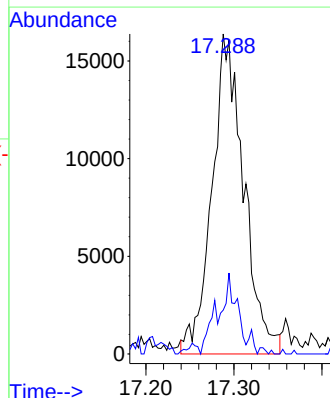
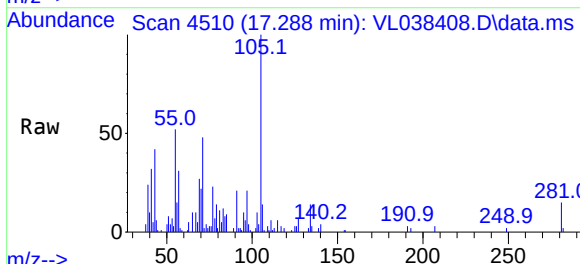
Manual Integrations
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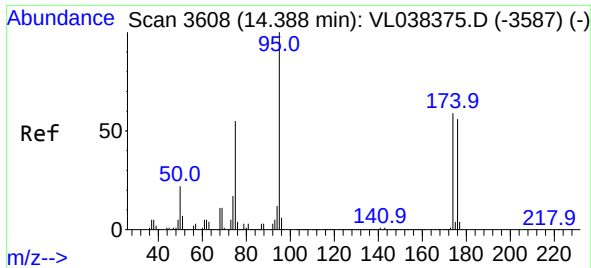
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#67
sec-Butylbenzene
Concen: 0.116 ppbv m
RT: 17.288 min Scan# 4510
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:105 Resp: 40951
Ion Ratio Lower Upper
105 100
134 0.0 14.6 21.8





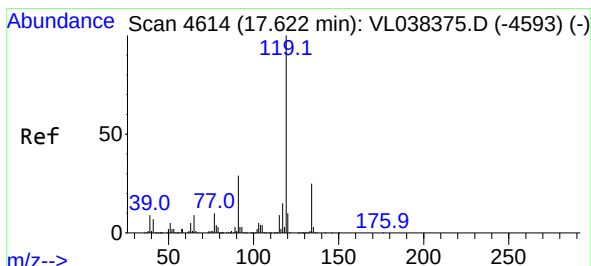
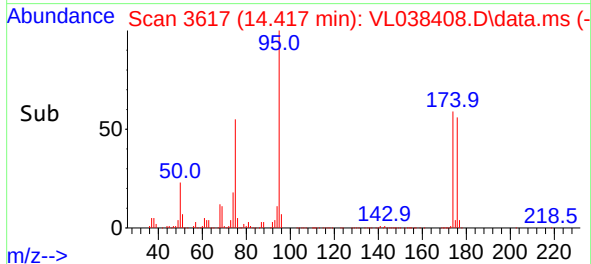
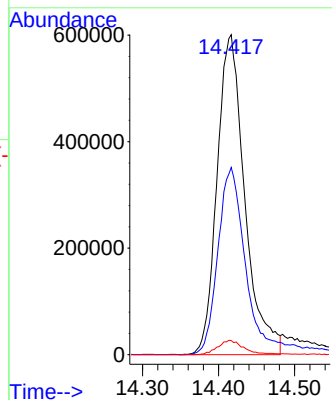
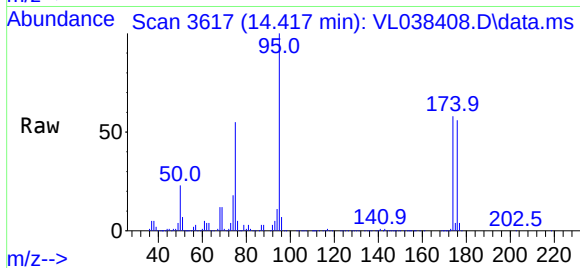
#68
1-Bromo-4-Fluorobenzene
Concen: 9.522 ppbv
RT: 14.417 min Scan# 3617
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument : MSVOA_L
ClientSampleId : MP-7

Tgt Ion: 95 Resp: 151802
Ion Ratio Lower Upper
95 100
174 62.6 49.0 73.4
175 4.4 3.6 5.4

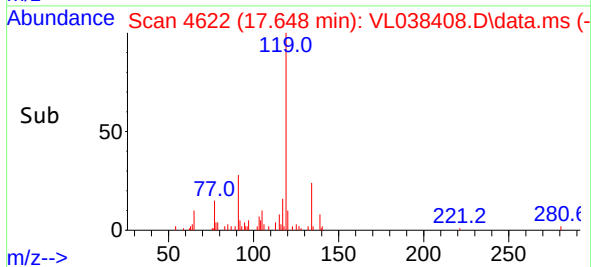
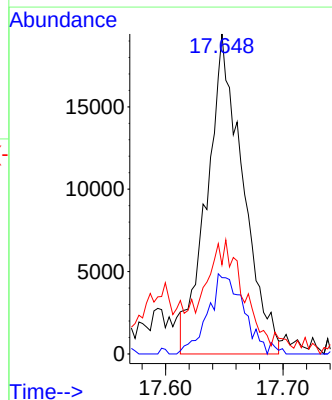
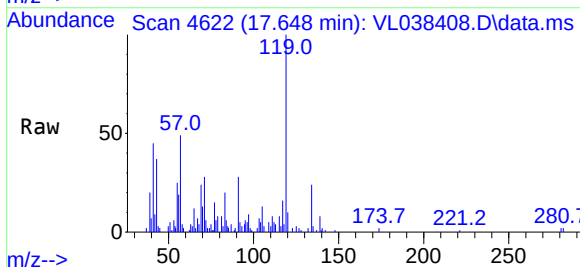
Manual Integrations
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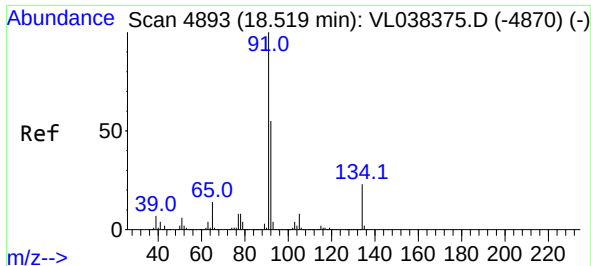
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#69
p-Isopropyltoluene
Concen: 0.149 ppbv m
RT: 17.648 min Scan# 4622
Delta R.T. 0.026 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:119 Resp: 41266
Ion Ratio Lower Upper
119 100
134 0.0 20.4 30.6#
91 0.0 23.8 35.8#





#70

n-Butylbenzene

Concen: 0.173 ppbv m

RT: 18.548 min Scan# 4961

Delta R.T. 0.029 min

Lab File: VL038408.D

Acq: 23 Feb 2022 14:53

Instrument :

MSVOA_L

ClientSampleId :

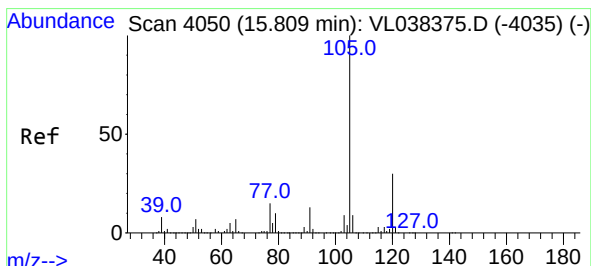
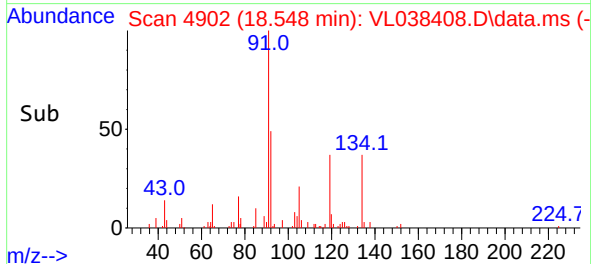
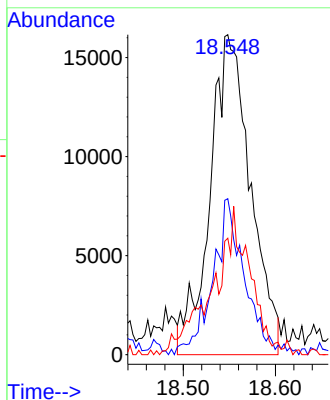
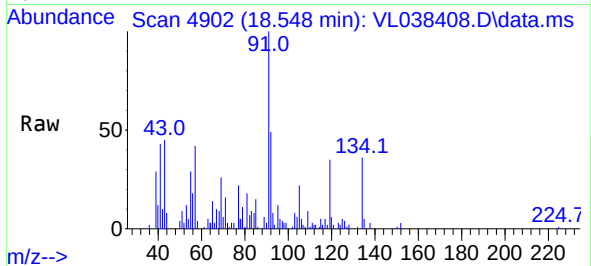
MP-7

Tgt Ion:	91	Resp:	4961
Ion	Ratio	Lower	Upper
91	100		
92	38.5	43.1	64.7
134	42.8	17.4	26.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72

4-Ethyltoluene

Concen: 0.260 ppbv m

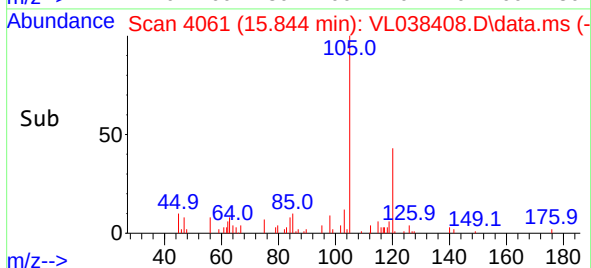
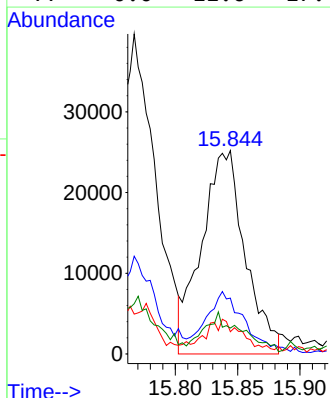
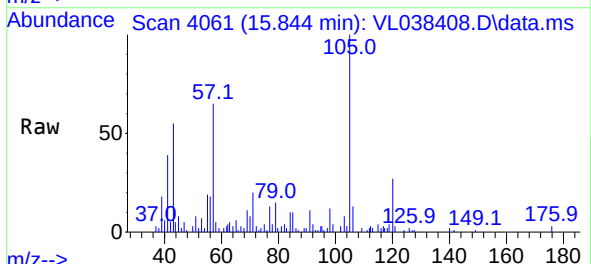
RT: 15.844 min Scan# 4061

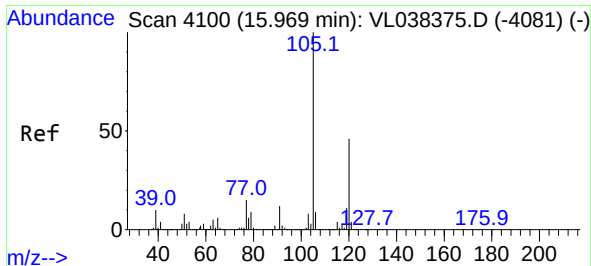
Delta R.T. 0.036 min

Lab File: VL038408.D

Acq: 23 Feb 2022 14:53

Tgt Ion:	105	Resp:	61270
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	35.2
91	0.0	10.4	15.6
77	0.0	11.6	17.4





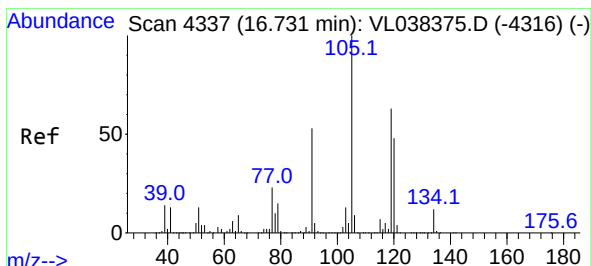
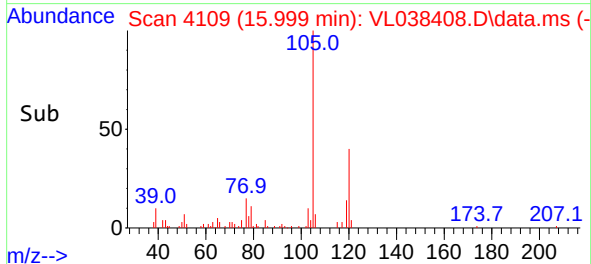
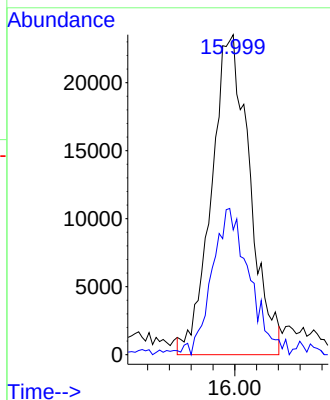
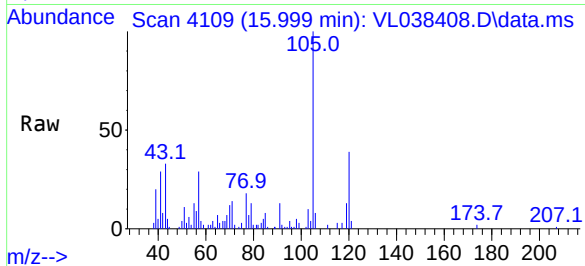
#73
1,3,5-Trimethylbenzene
Concen: 0.267 ppbv m
RT: 15.999 min Scan# 4109
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion:105 Resp: 57169
Ion Ratio Lower Upper
105 100
120 39.0 36.6 55.0

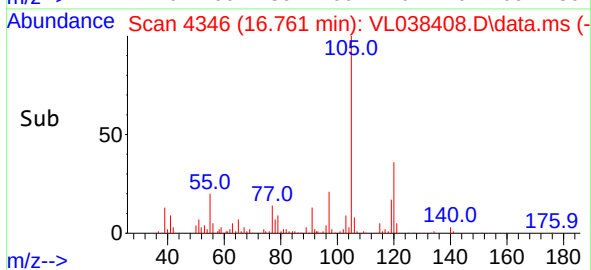
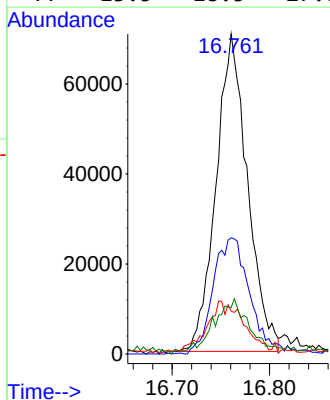
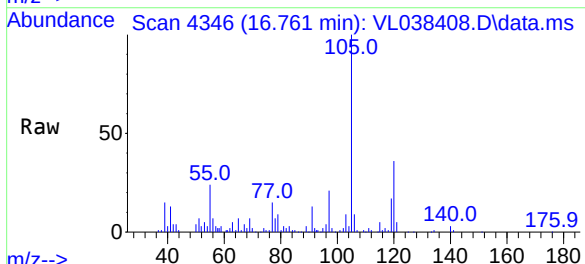
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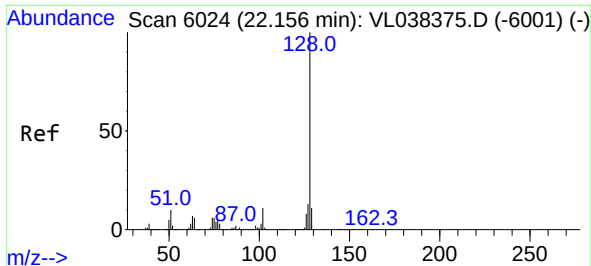
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.700 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.029 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:105 Resp: 158282
Ion Ratio Lower Upper
105 100
120 36.4 38.2 57.4#
91 13.2 42.7 64.1#
77 13.5 18.5 27.7#





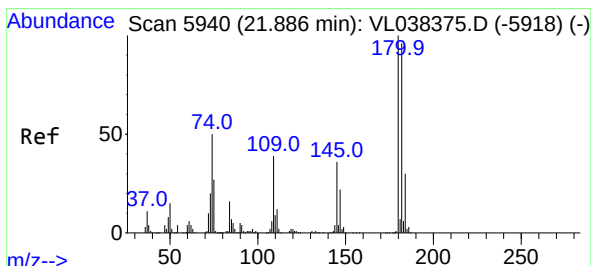
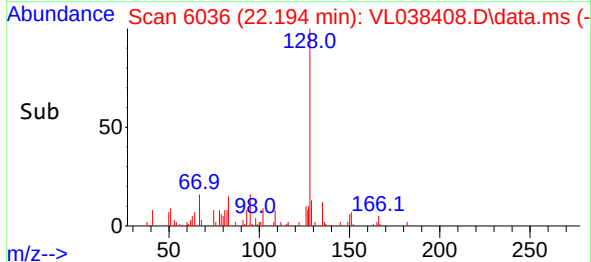
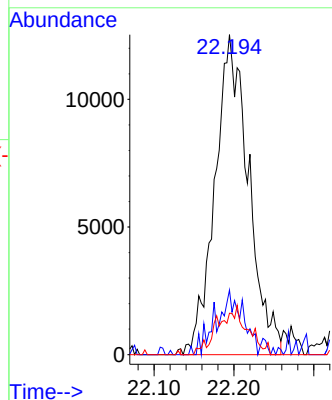
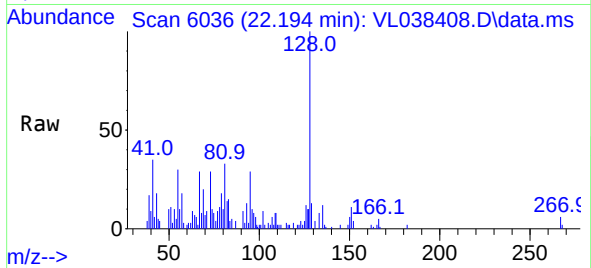
#79
Naphthalene
Concen: 0.299 ppbv m
RT: 22.194 min Scan# 6024
Delta R.T. 0.039 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
MP-7

Tgt Ion:128 Resp: 3662
Ion Ratio Lower Upper
128 100
127 10.3 10.7 16.1
129 13.0 8.8 13.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.132 ppbv m
RT: 21.918 min Scan# 5950
Delta R.T. 0.032 min
Lab File: VL038408.D
Acq: 23 Feb 2022 14:53

Tgt Ion:180 Resp: 9740
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.2#
184 0.0 24.9 37.3#

