

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038411.D
 Acq On : 23 Feb 2022 16:58
 Operator : SY/AP
 Sample : N1607-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-8

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:28:49 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.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	5.674	49	874397	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.179	114	2347254	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.082	117	2148496	10.000	ppbv	# 0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 1698813 9.556 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	17973	0.130	ppbv	97
4) Chloromethane	3.150	50	40721	0.759	ppbv	95
5) Vinyl Chloride	3.263	62	3401m	0.061	ppbv	
6) Bromomethane	3.475	94	4996m	0.169	ppbv	
7) Chloroethane	3.565	64	3630m	0.202	ppbv	
9) Propene	3.021	41	43664m	0.856	ppbv	
10) Heptane	8.127	43	117888m	0.950	ppbv	
11) Trichlorofluoromethane	3.954	101	38750	0.292	ppbv	84
13) Ethanol	3.610	45	1321983	259.838	ppbv	86
15) Acetone	3.848	43	4284767	57.623	ppbv	98
17) tert-Butyl alcohol	4.301	59	233243	3.144	ppbv	97
19) Isopropyl Alcohol	3.973	45	2633213	61.153	ppbv #	1
20) Methylene Chloride	4.353	84	176065	4.779	ppbv	96
26) Hexane	5.697	57	234945	2.597	ppbv #	44
29) Chloroform	5.758	83	31561	0.214	ppbv	97
30) Cyclohexane	7.140	84	73058m	0.987	ppbv	
34) 2-Butanone	5.250	43	252151	3.416	ppbv	93
35) Carbon Tetrachloride	7.018	117	11391m	0.069	ppbv	
36) Benzene	6.893	78	71302	0.345	ppbv	96
38) Trichloroethene	7.835	130	125672	1.670	ppbv	93
41) Tetrahydrofuran	6.053	42	170607	3.420	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	968153	2.726	ppbv #	90
50) 4-Methyl-2-Pentanone	8.742	43	44332m	0.340	ppbv	
52) Tetrachloroethene	11.230	164	13927m	0.203	ppbv	
53) Toluene	9.803	91	2209537	9.848	ppbv	99
58) Ethyl Benzene	12.709	91	383822	1.306	ppbv	96
59) m/p-Xylene	12.960	91	523210	2.074	ppbv	93
60) o-Xylene	13.690	91	259546	1.088	ppbv	97
61) Styrene	13.526	104	2470286	22.455	ppbv	98
62) Isopropylbenzene	14.664	105	112745	0.352	ppbv	100
65) tert-Butylbenzene	16.754	119	85406m	0.308	ppbv	
67) sec-Butylbenzene	17.288	105	94326	0.240	ppbv	98
69) p-Isopropyltoluene	17.648	119	98683m	0.320	ppbv	
70) n-Butylbenzene	18.548	91	178658	0.559	ppbv #	60
72) 4-Ethyltoluene	15.834	105	202047	0.769	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	216872	0.909	ppbv	95
74) 1,2,4-Trimethylbenzene	16.754	105	700662	2.781	ppbv #	69
79) Naphthalene	22.194	128	150408m	1.102	ppbv	
80) Naphthalene,2-methyl-	24.963	142	24755m	0.928	ppbv	

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

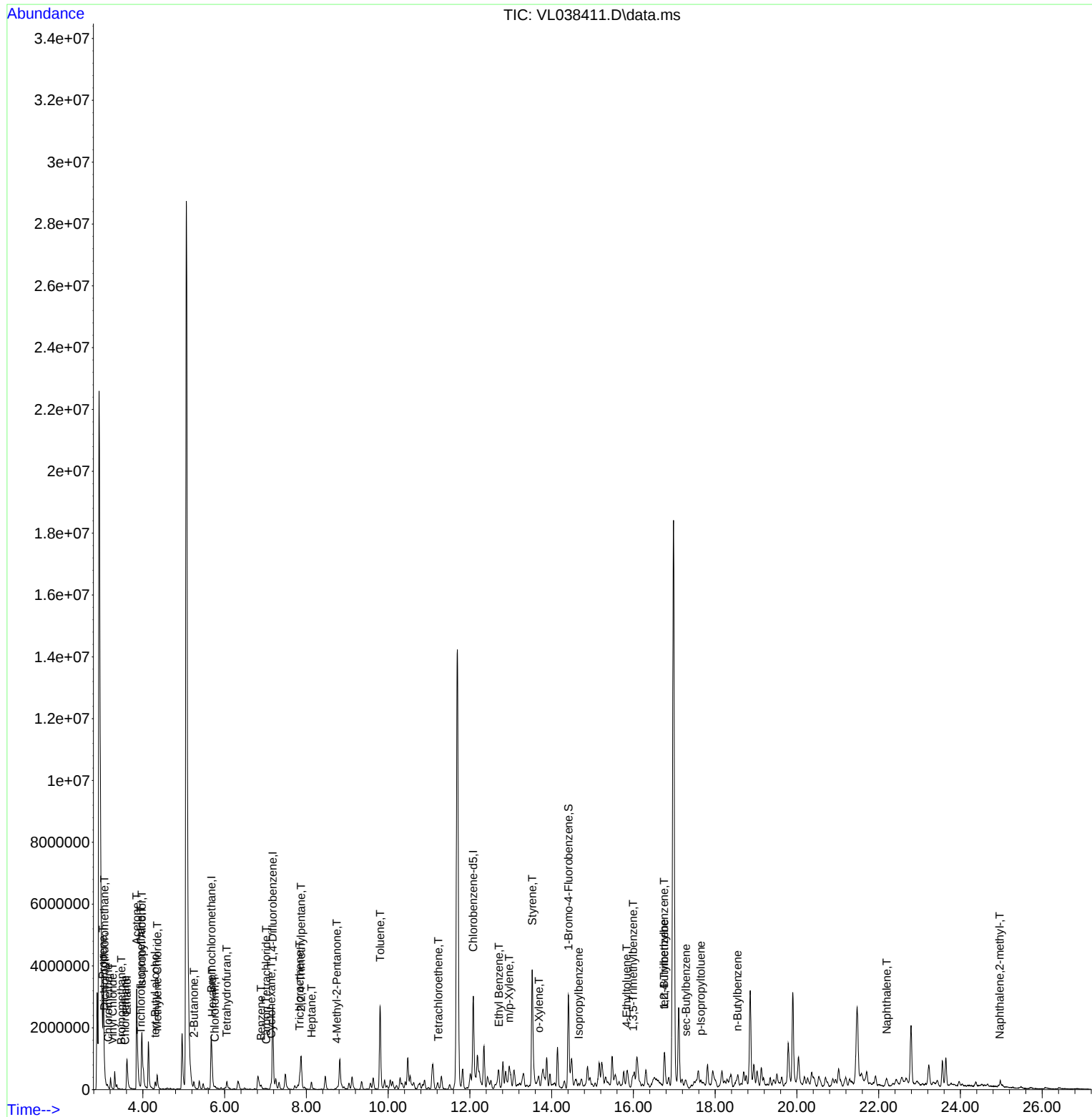
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
Data File : VL038411.D
Acq On : 23 Feb 2022 16:58
Operator : SY/AP
Sample : N1607-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

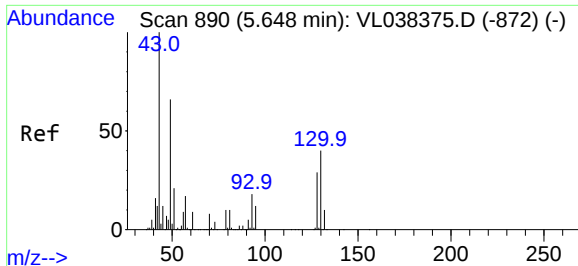
Instrument :
MSVOA_L
ClientSampleId :
MP-8

Quant Time: Feb 24 07:28:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

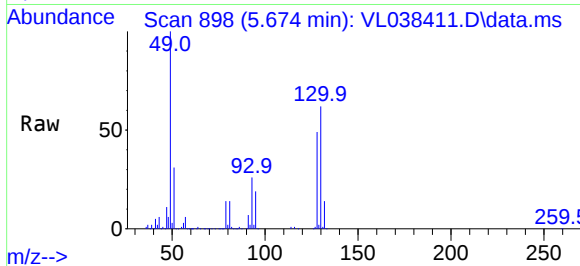
Reviewed By : Semsettin Yesilyurt 02/24/2022
Supervised By : Mahesh Dadoda 02/25/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

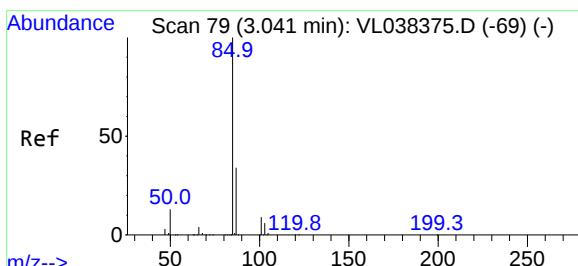
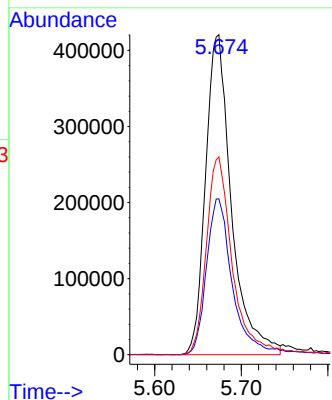
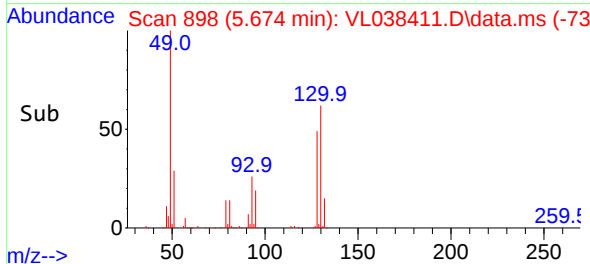
Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion: 49 Resp: 87439
Ion Ratio Lower Upper
49 100
128 50.2 24.3 72.9
130 63.5 30.1 90.5

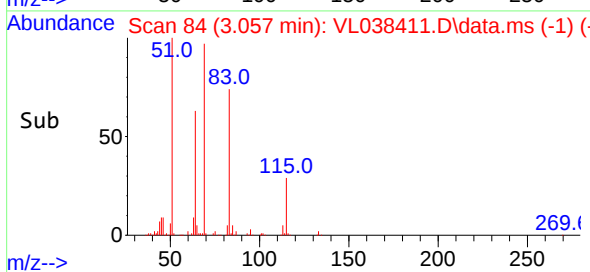
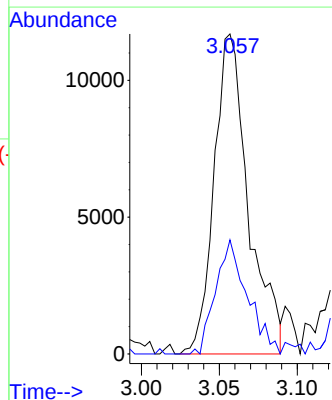
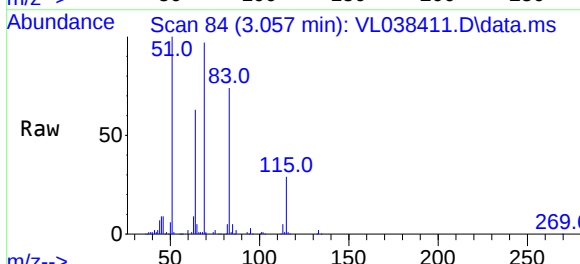
Manual Integrations
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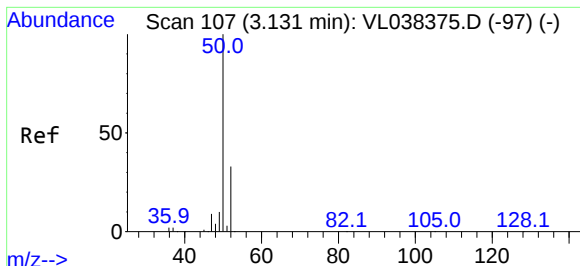
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#2
Dichlorodifluoromethane
Concen: 0.130 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Tgt Ion: 85 Resp: 17973
Ion Ratio Lower Upper
85 100
87 35.6 27.4 41.0





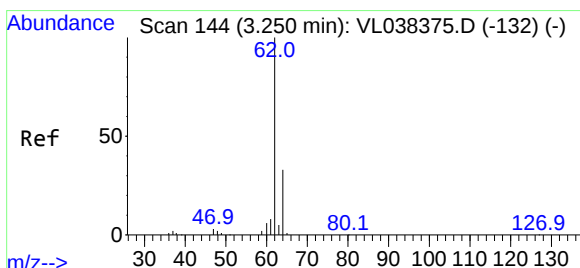
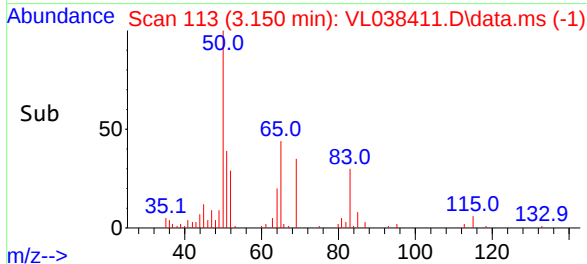
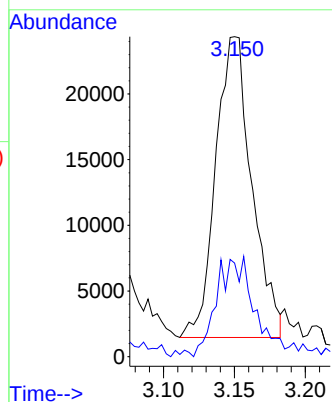
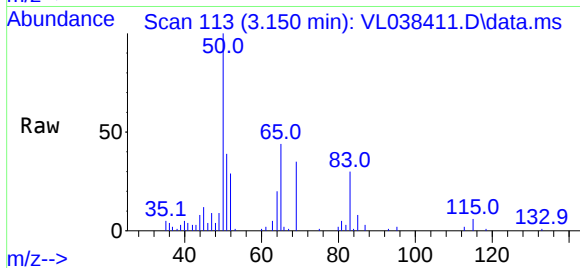
#4
Chloromethane
Concen: 0.759 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion: 50 Resp: 4072
Ion Ratio Lower Upper
50 100
52 30.4 26.5 39.7

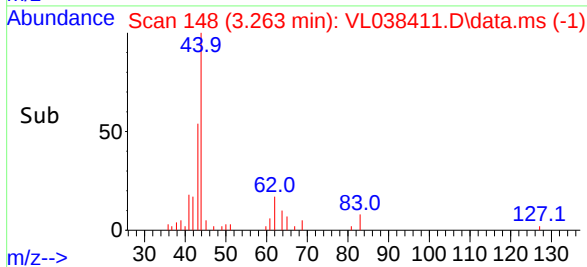
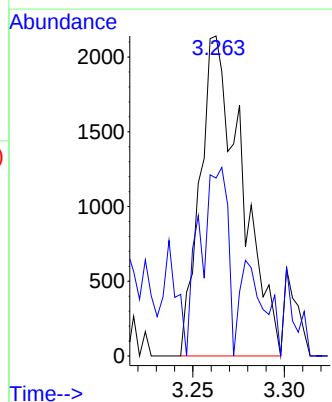
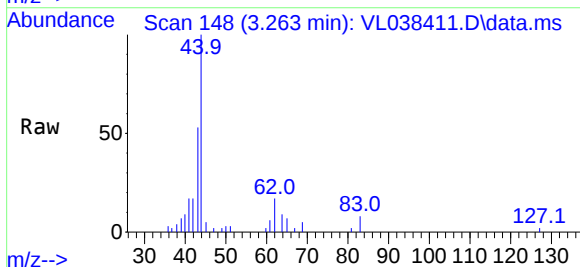
Manual Integrations
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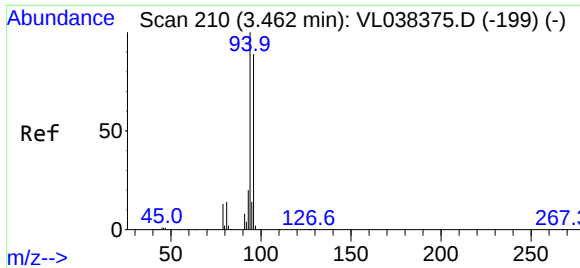
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#5
Vinyl Chloride
Concen: 0.061 ppbv m
RT: 3.263 min Scan# 148
Delta R.T. 0.013 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

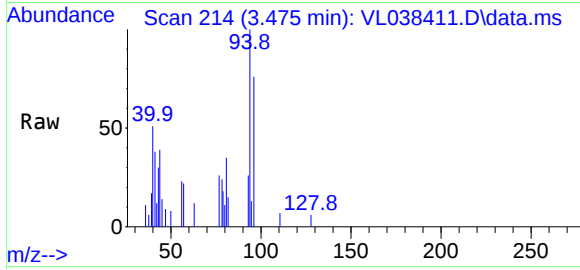
Tgt Ion: 62 Resp: 3401
Ion Ratio Lower Upper
62 100
64 55.6 26.2 39.2#





#6
Bromomethane
Concen: 0.169 ppbv m
RT: 3.475 min Scan# 210
Delta R.T. 0.013 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

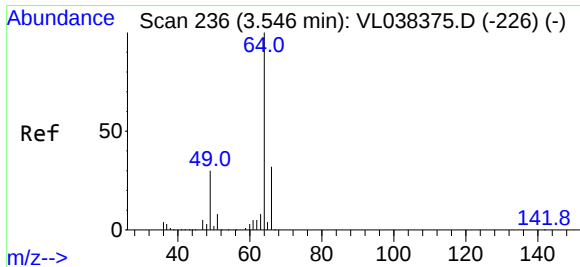
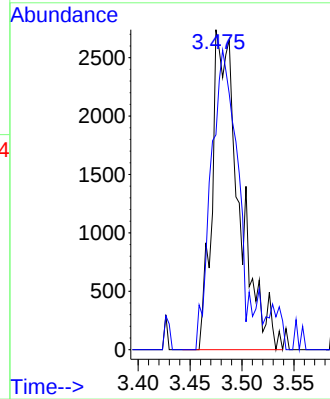
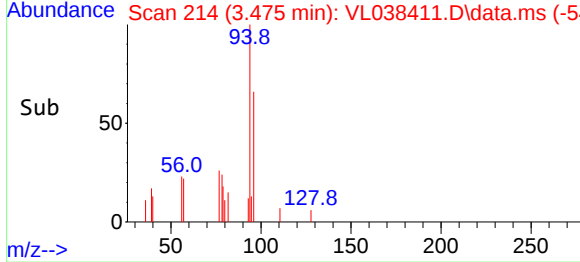
Instrument :
MSVOA_L
ClientSampleId :
MP-8



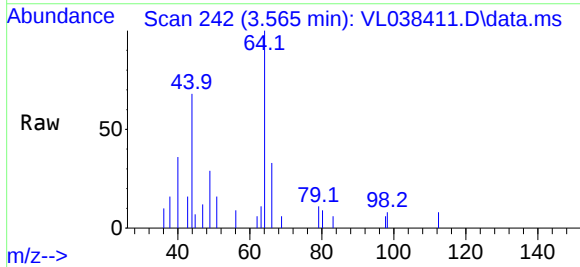
Tgt Ion: 94 Resp: 4990
Ion Ratio Lower Upper
94 100
96 76.0 71.0 106.6

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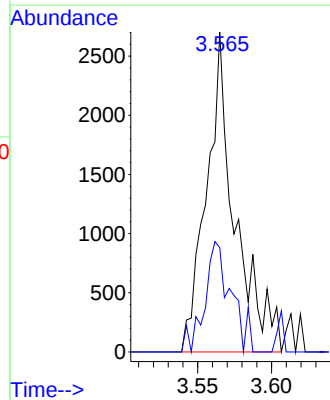
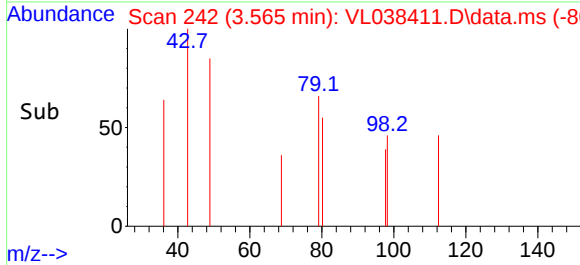
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

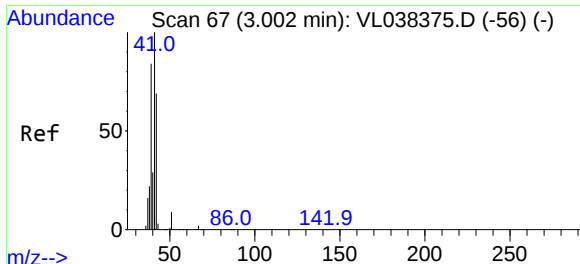


#7
Chloroethane
Concen: 0.202 ppbv m
RT: 3.565 min Scan# 242
Delta R.T. 0.019 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



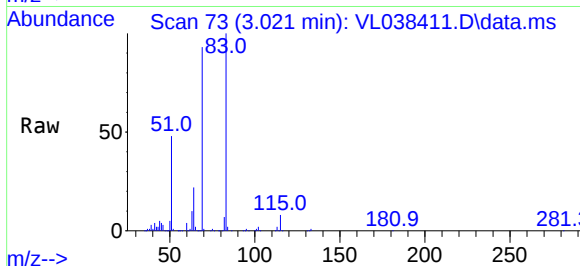
Tgt Ion: 64 Resp: 3630
Ion Ratio Lower Upper
64 100
66 32.6 25.9 38.9





#9
Propene
Concen: 0.856 ppbv m
RT: 3.021 min Scan# 71
Delta R.T. 0.019 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

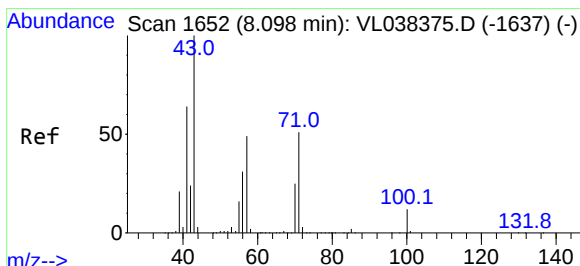
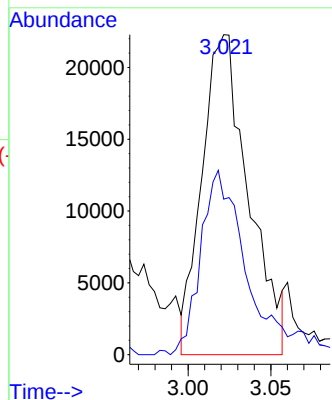
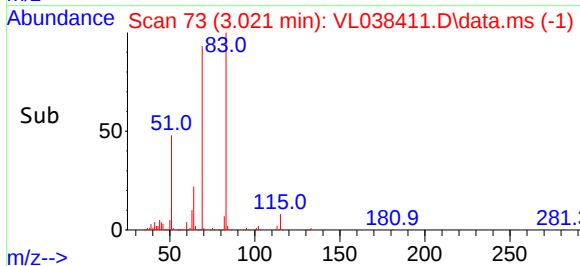
Instrument :
MSVOA_L
ClientSampleId :
MP-8



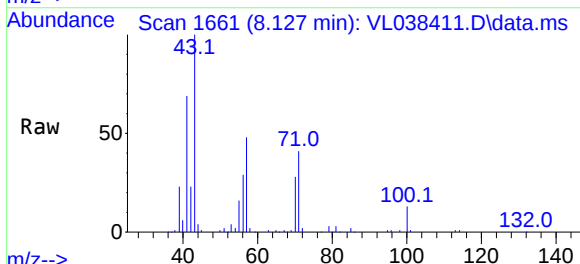
Tgt Ion: 41 Resp: 43664
Ion Ratio Lower Upper
41 100
42 59.8 54.6 82.0

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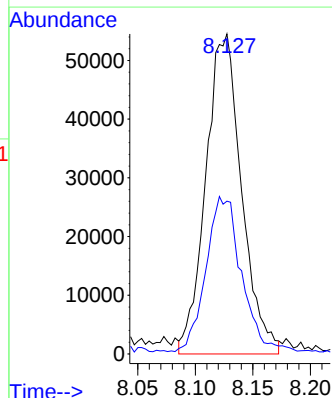
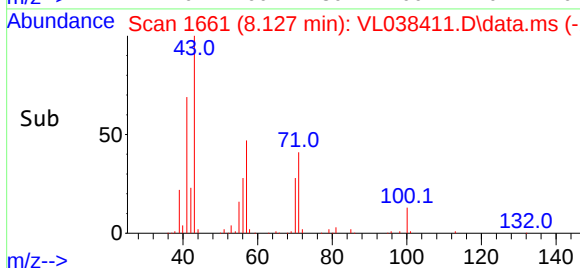
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

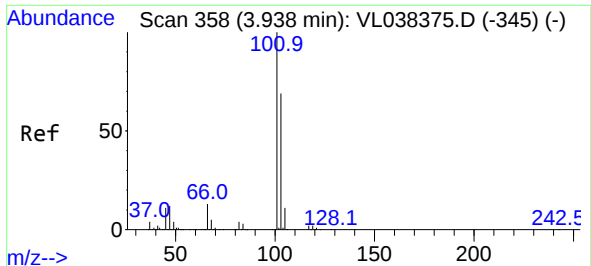


#10
Heptane
Concen: 0.950 ppbv m
RT: 8.127 min Scan# 1661
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



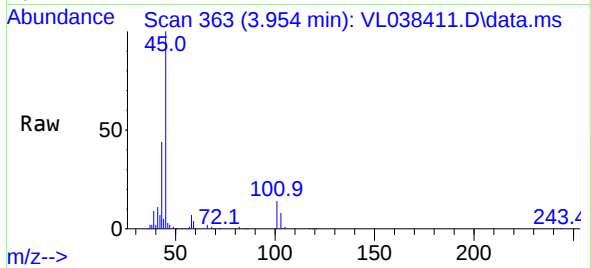
Tgt Ion: 43 Resp: 117888
Ion Ratio Lower Upper
43 100
57 0.0 39.8 59.8#





#11
Trichlorofluoromethane
Concen: 0.292 ppbv
RT: 3.954 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

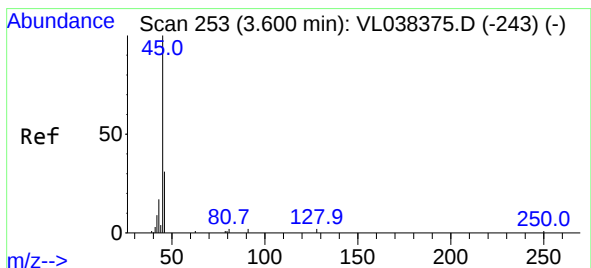
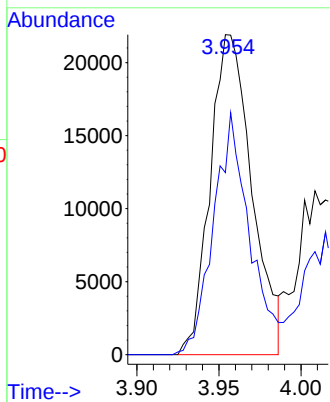
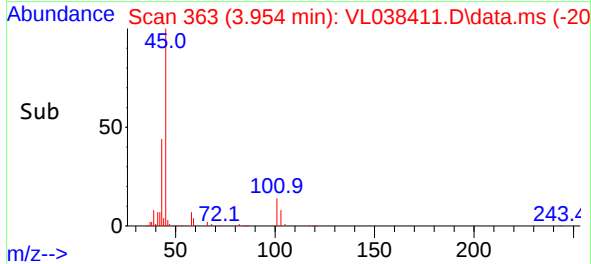
Instrument :
MSVOA_L
ClientSampleId :
MP-8



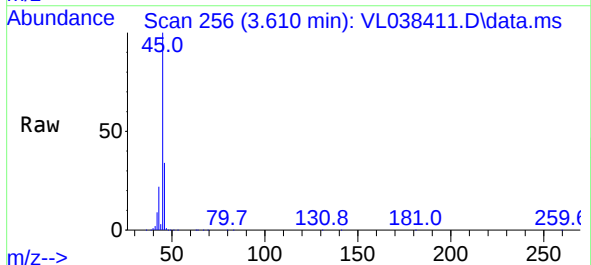
Tgt Ion:101 Resp: 38750
Ion Ratio Lower Upper
101 100
103 56.1 55.0 82.4

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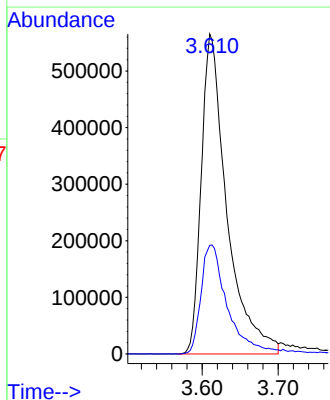
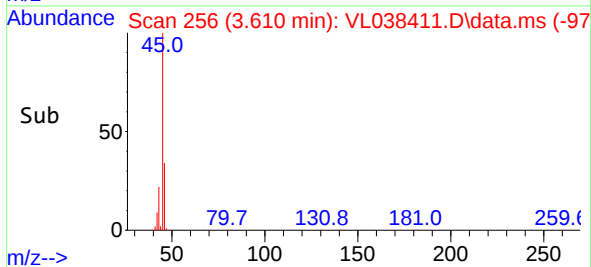
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

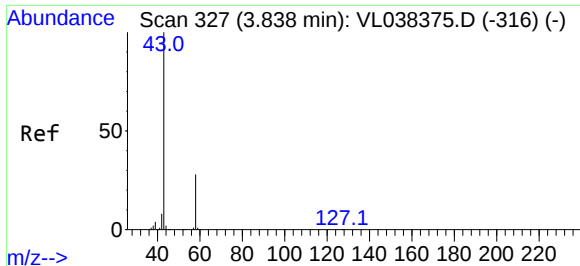


#13
Ethanol
Concen: 259.838 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.010 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



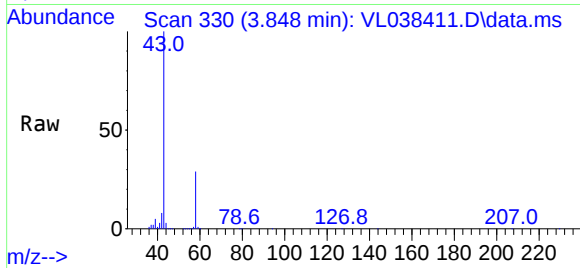
Tgt Ion: 45 Resp: 1321983
Ion Ratio Lower Upper
45 100
46 36.5 18.2 72.8





#15
Acetone
Concen: 57.623 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

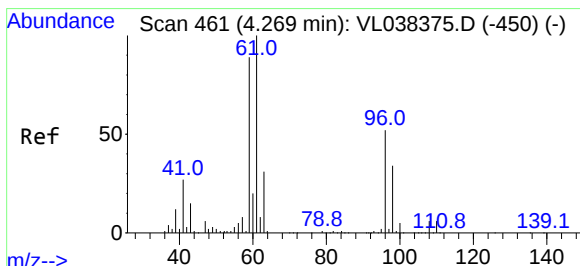
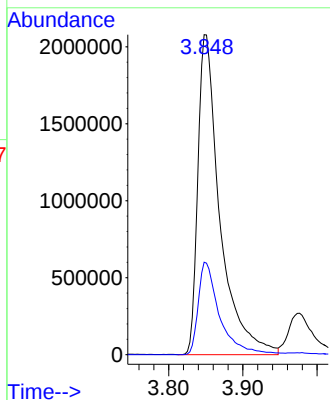
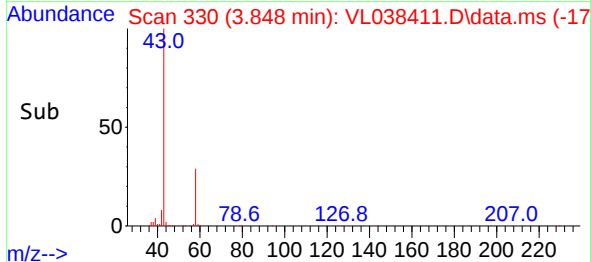
Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion: 43 Resp: 428476
Ion Ratio Lower Upper
43 100
58 28.3 21.7 32.5

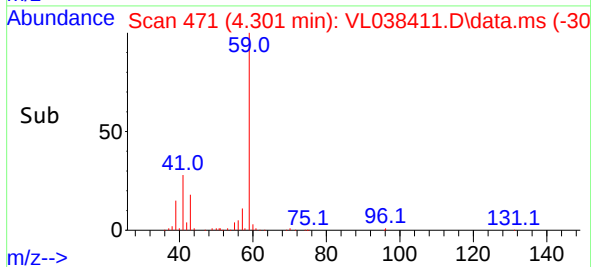
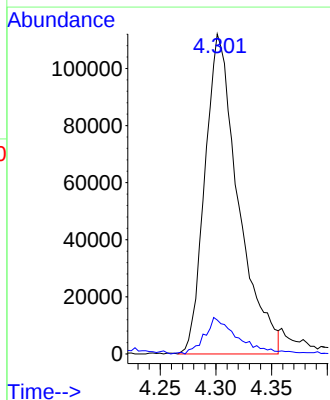
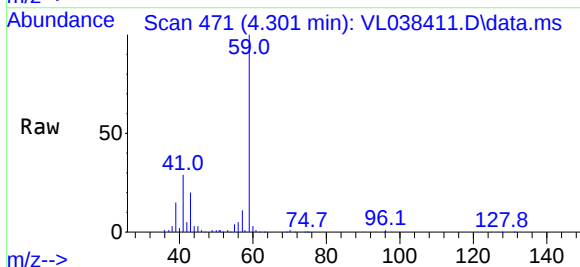
Manual Integrations
APPROVED

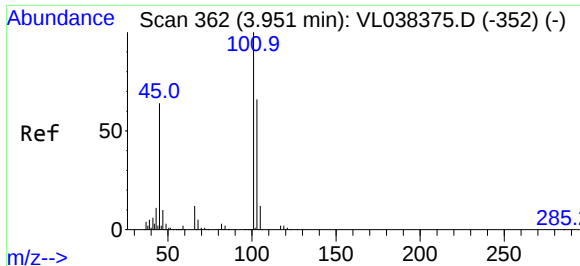
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#17
tert-Butyl alcohol
Concen: 3.144 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.032 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Tgt Ion: 59 Resp: 233243
Ion Ratio Lower Upper
59 100
57 11.7 8.4 12.6





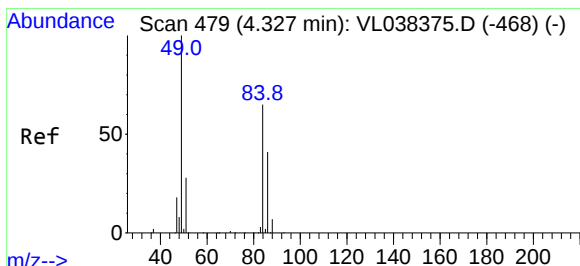
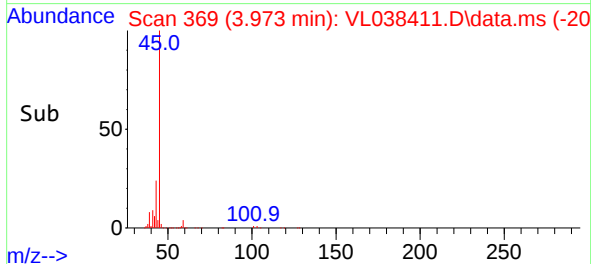
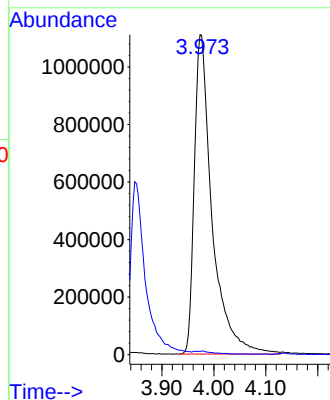
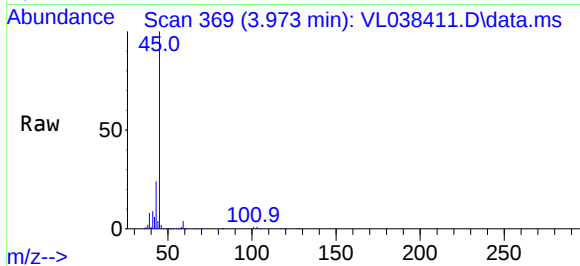
#19
Isopropyl Alcohol
Concen: 61.153 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion: 45 Resp: 263321
Ion Ratio Lower Upper
45 100
58 45.7 1.8 2.8

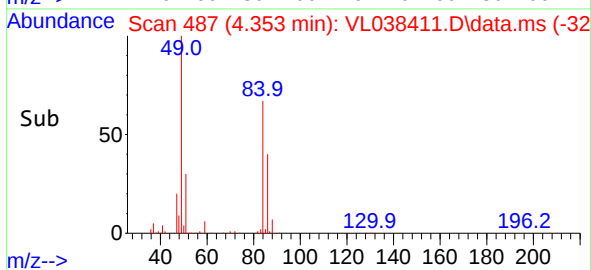
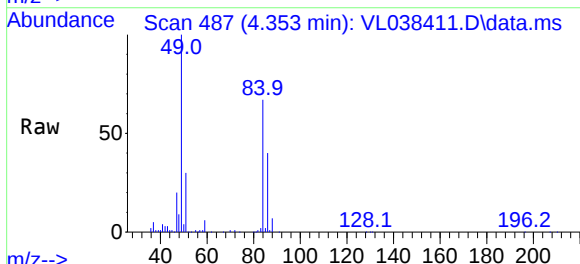
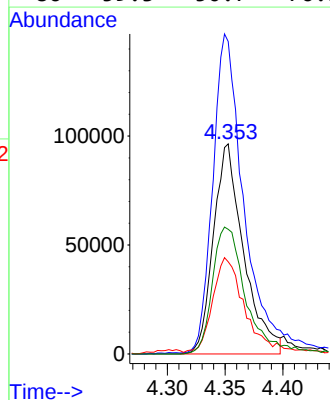
Manual Integrations
APPROVED

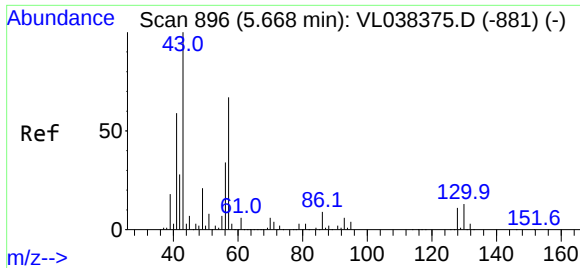
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 4.779 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

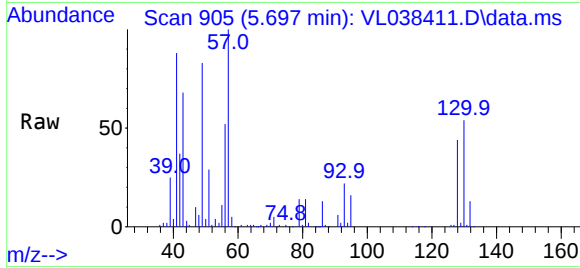
Tgt Ion: 84 Resp: 176065
Ion Ratio Lower Upper
84 100
49 148.3 122.4 183.6
51 42.3 33.3 49.9
86 59.3 50.7 76.1





#26
Hexane
Concen: 2.597 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

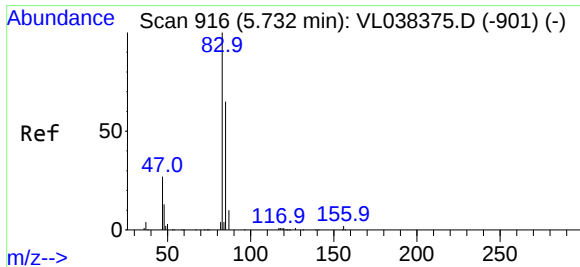
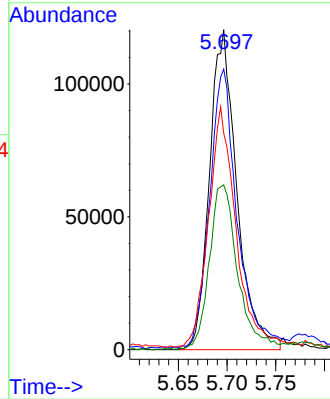
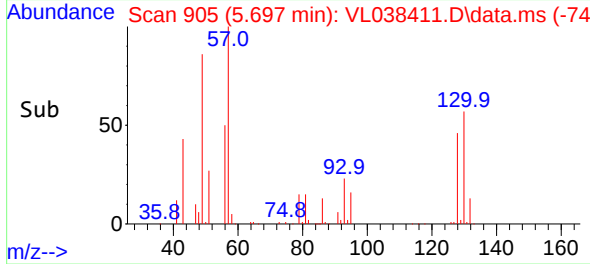
Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion: 57 Resp: 23494
Ion Ratio Lower Upper
57 100
41 89.7 73.1 109.7
43 76.4 181.0 271.4
56 54.6 43.4 65.0

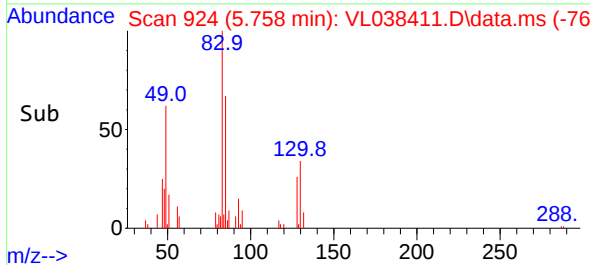
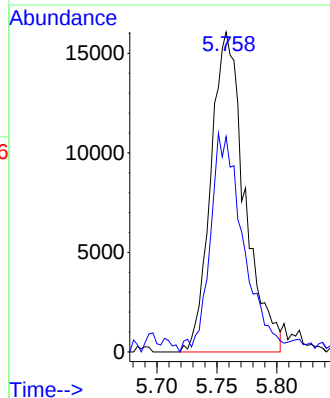
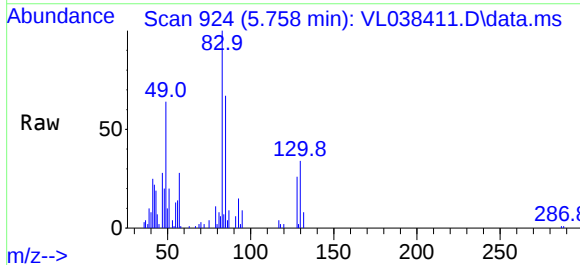
Manual Integrations
APPROVED

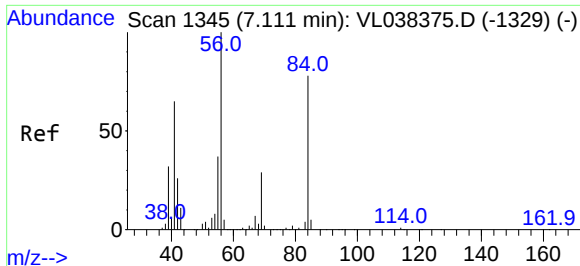
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#29
Chloroform
Concen: 0.214 ppbv
RT: 5.758 min Scan# 924
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

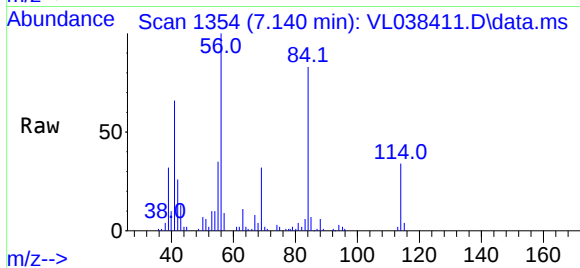
Tgt Ion: 83 Resp: 31561
Ion Ratio Lower Upper
83 100
85 67.2 51.6 77.4





#30
Cyclohexane
Concen: 0.987 ppbv m
RT: 7.140 min Scan# 1354
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

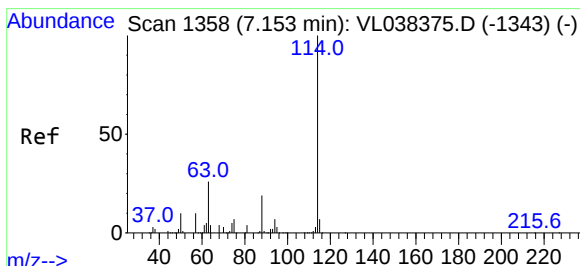
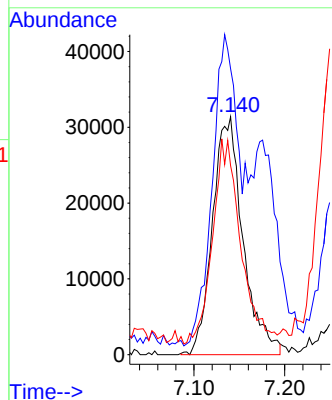
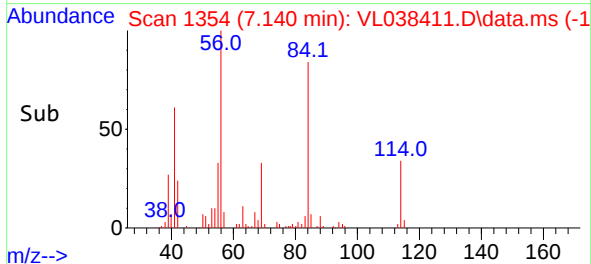
Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion: 84 Resp: 73058
Ion Ratio Lower Upper
84 100
56 0.0 116.2 174.4
41 0.0 74.3 111.5

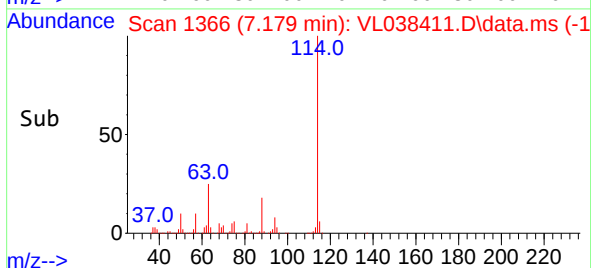
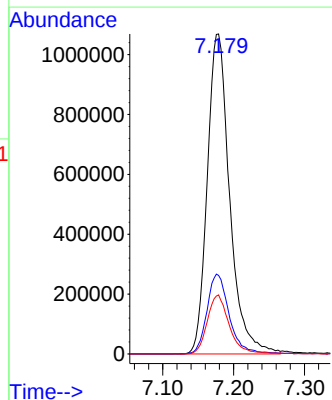
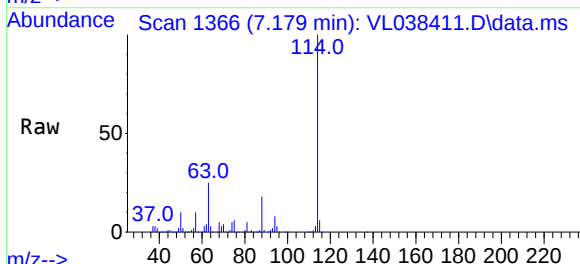
Manual Integrations
APPROVED

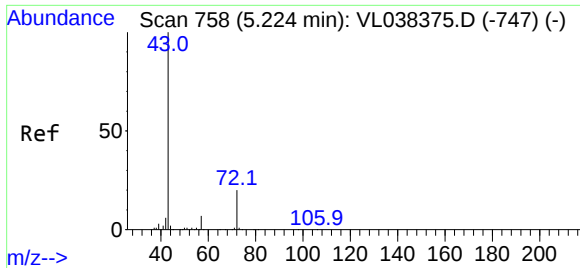
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Tgt Ion:114 Resp: 2347254
Ion Ratio Lower Upper
114 100
63 24.9 22.2 33.2
88 18.2 15.2 22.8





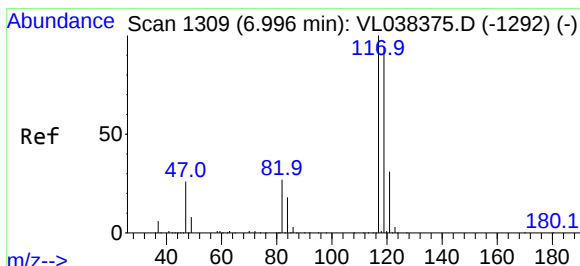
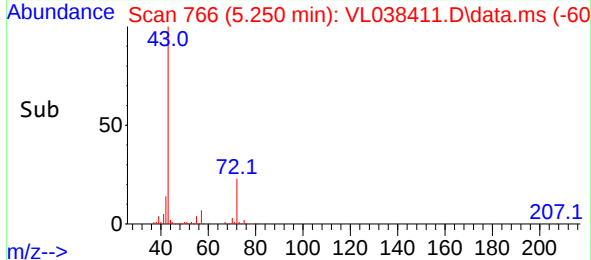
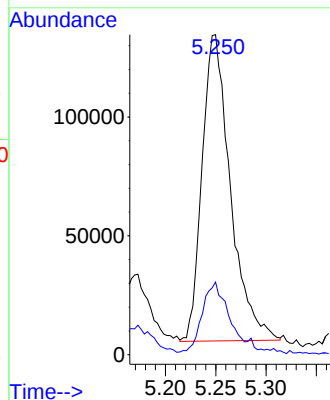
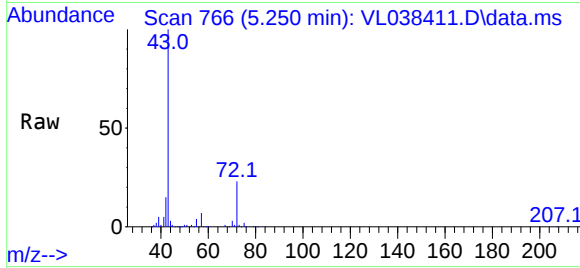
#34
2-Butanone
Concen: 3.416 ppbv
RT: 5.250 min Scan# 70
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion: 43 Resp: 25215
Ion Ratio Lower Upper
43 100
72 25.2 17.4 26.2

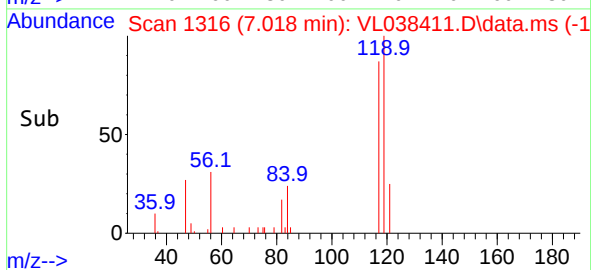
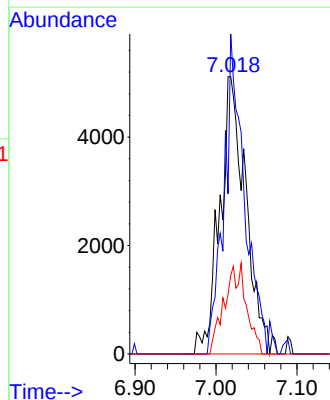
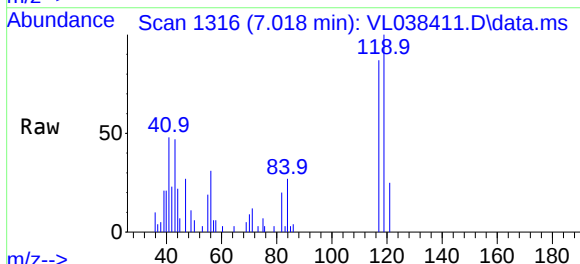
Manual Integrations
APPROVED

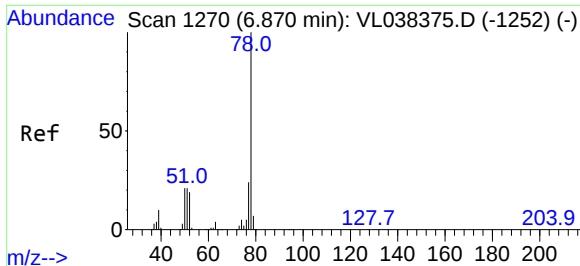
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#35
Carbon Tetrachloride
Concen: 0.069 ppbv m
RT: 7.018 min Scan# 1316
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

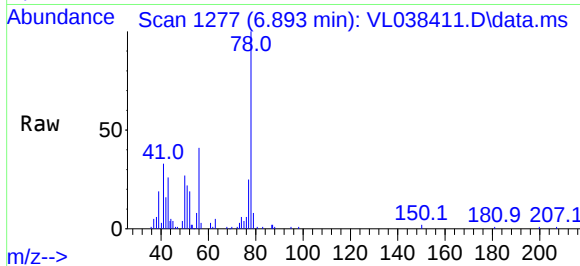
Tgt Ion:117 Resp: 11391
Ion Ratio Lower Upper
117 100
119 115.4 74.9 112.3#
121 28.3 24.8 37.2





#36
Benzene
Concen: 0.345 ppbv
RT: 6.893 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

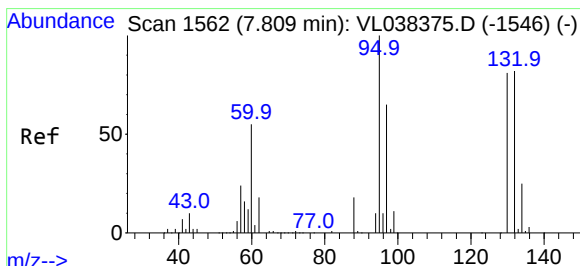
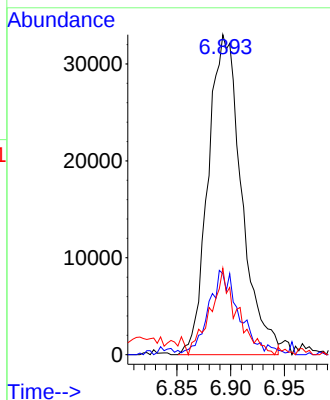
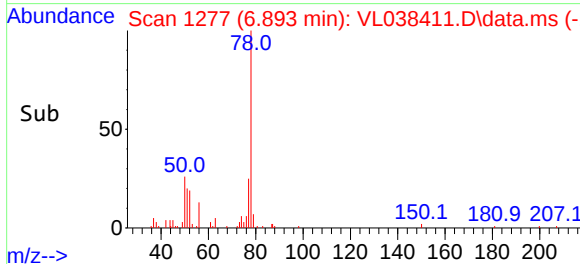
Instrument :
MSVOA_L
ClientSampleId :
MP-8



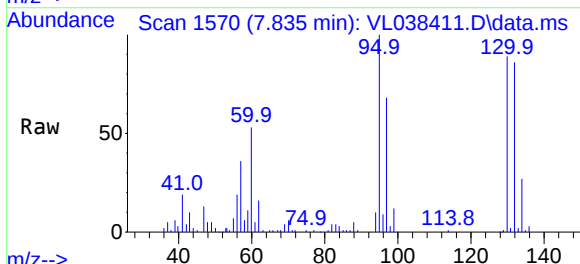
Tgt Ion: 78 Resp: 71302
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6
50 24.7 16.6 24.8

Manual Integrations
APPROVED

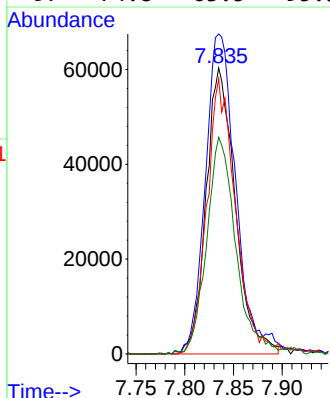
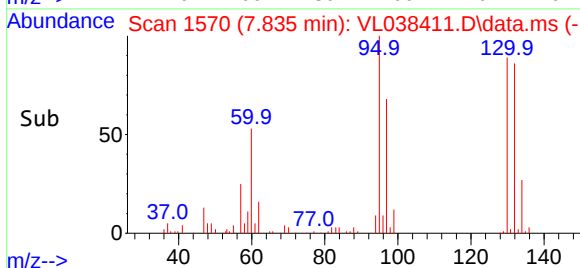
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

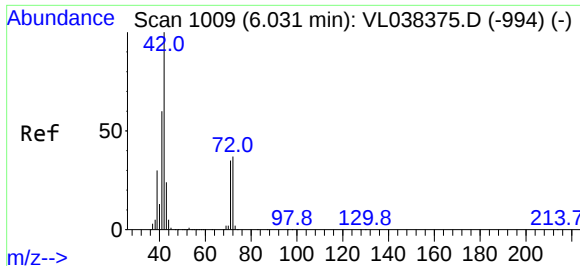


#38
Trichloroethene
Concen: 1.670 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



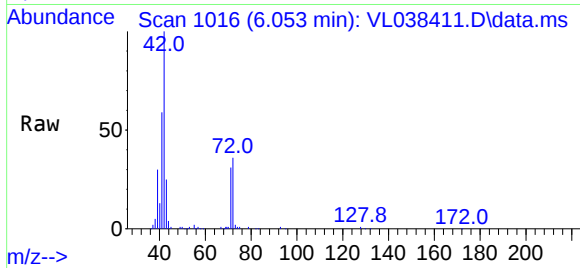
Tgt Ion:130 Resp: 125672
Ion Ratio Lower Upper
130 100
95 111.1 98.1 147.1
132 95.7 80.3 120.5
97 74.8 63.5 95.3





#41
Tetrahydrofuran
Concen: 3.420 ppbv
RT: 6.053 min Scan# 1009
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

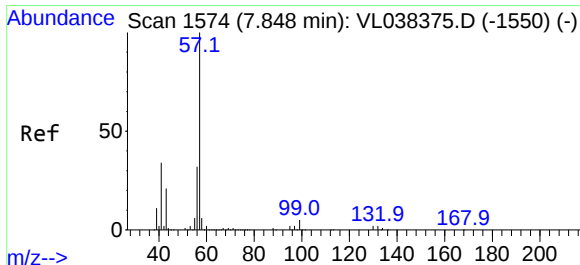
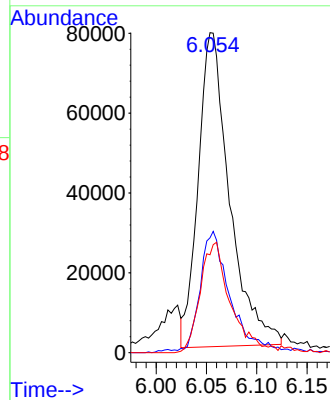
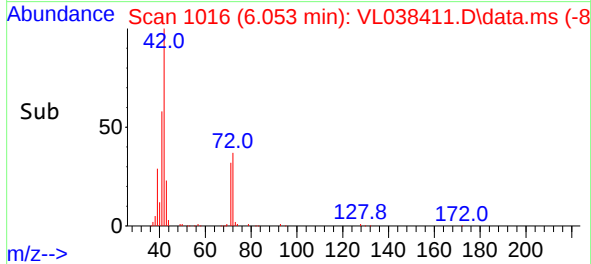
Instrument :
MSVOA_L
ClientSampleId :
MP-8



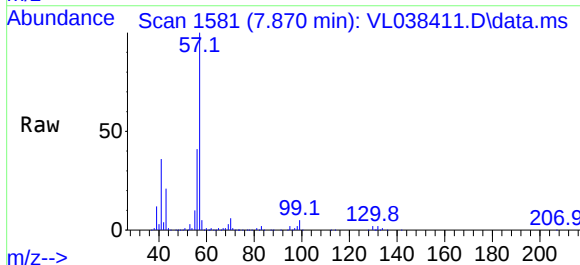
Tgt Ion: 42 Resp: 17060
Ion Ratio Lower Upper
42 100
72 38.5 29.9 44.9
71 35.0 28.6 42.8

Manual Integrations
APPROVED

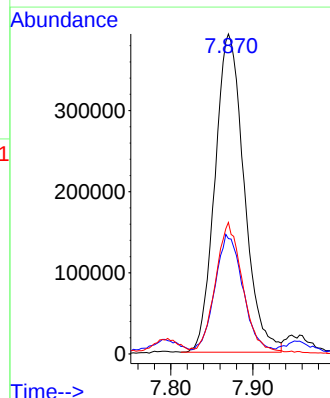
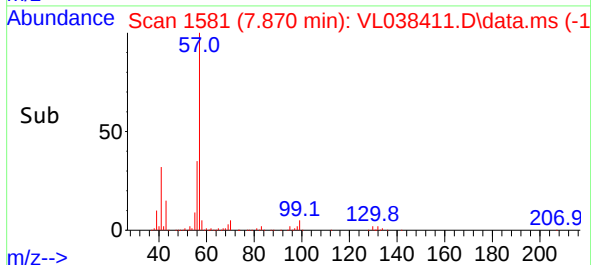
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

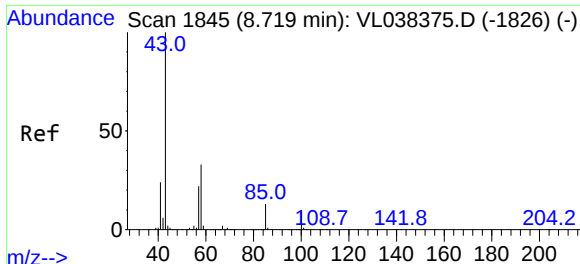


#44
2,2,4-Trimethylpentane
Concen: 2.726 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



Tgt Ion: 57 Resp: 968153
Ion Ratio Lower Upper
57 100
41 36.3 26.6 39.8
56 39.7 25.0 37.6





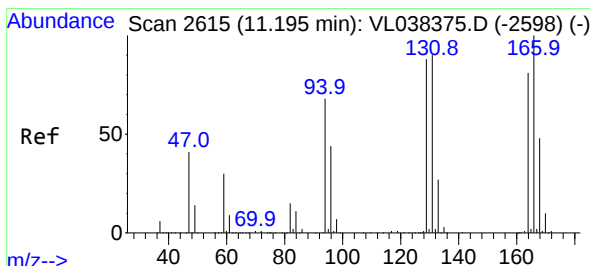
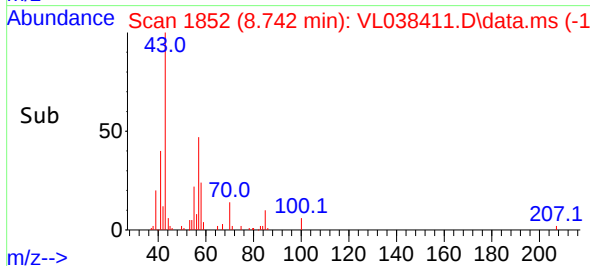
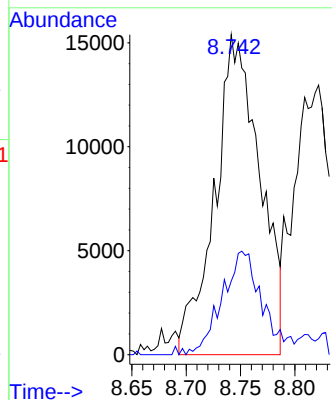
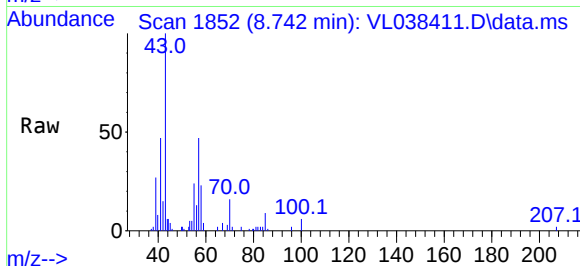
#50
4-Methyl-2-Pentanone
Concen: 0.340 ppbv m
RT: 8.742 min Scan# 1852
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument : MSVOA_L
ClientSampleId : MP-8

Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
58 29.3 27.7 41.5

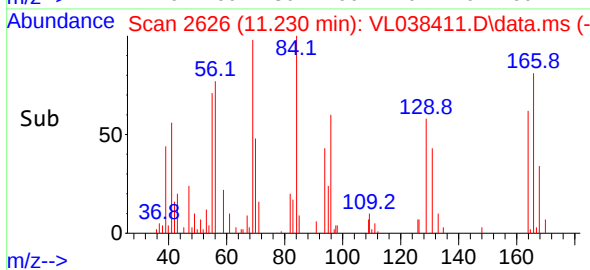
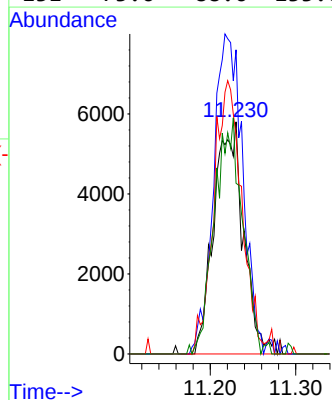
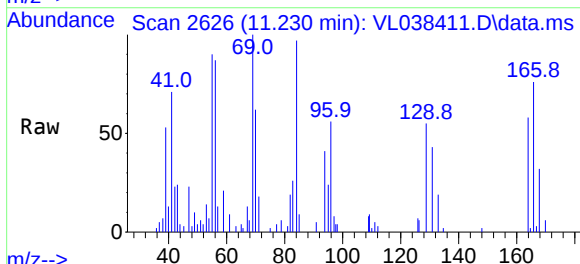
Manual Integrations
APPROVED

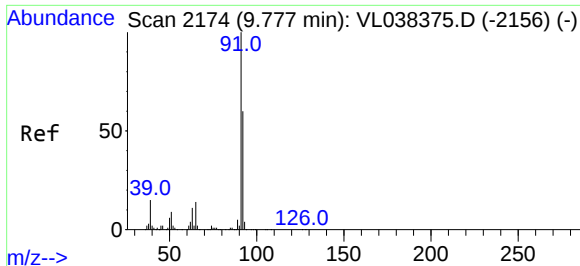
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#52
Tetrachloroethene
Concen: 0.203 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.035 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Tgt Ion:164 Resp: 13927
Ion Ratio Lower Upper
164 100
166 131.1 98.6 148.0
129 94.3 86.9 130.3
131 73.6 88.6 133.0#





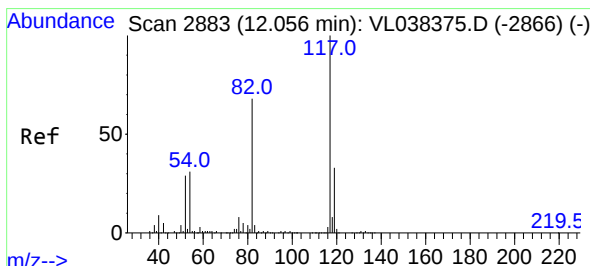
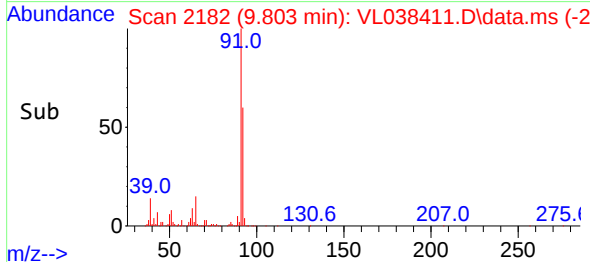
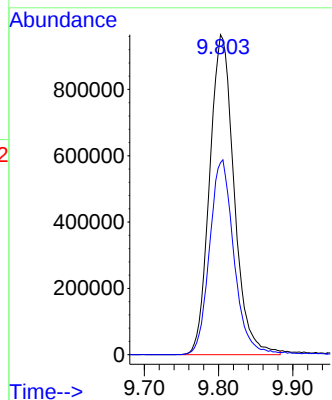
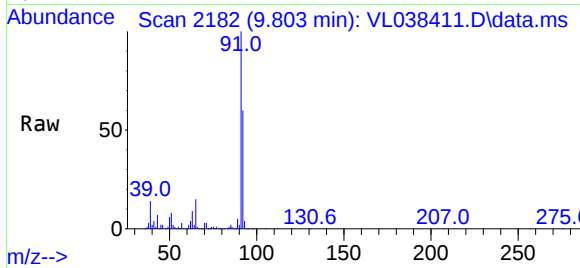
#53
Toluene
Concen: 9.848 ppbv
RT: 9.803 min Scan# 2174
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion: 91 Resp: 220953
Ion Ratio Lower Upper
91 100
92 61.4 48.2 72.4

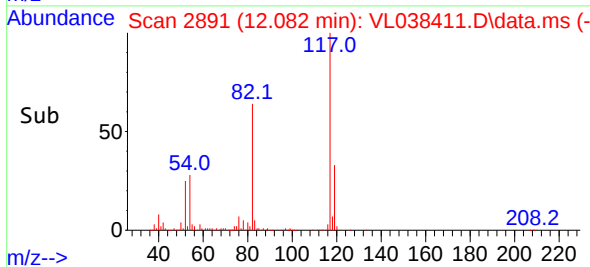
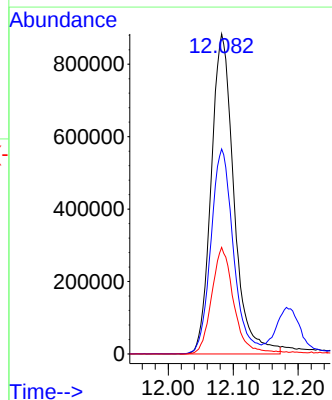
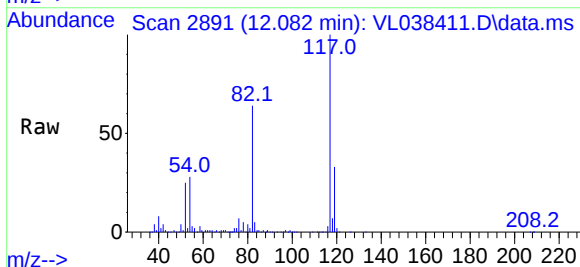
Manual Integrations
APPROVED

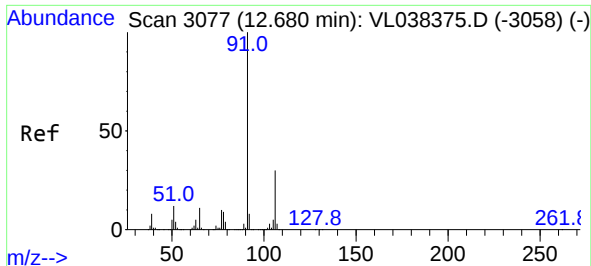
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

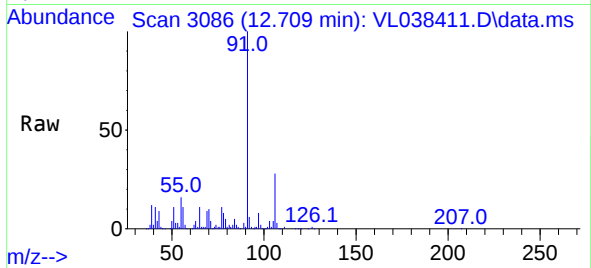
Tgt Ion:117 Resp: 2148496
Ion Ratio Lower Upper
117 100
82 63.6 54.9 82.3
119 33.0 46.1 69.1#





#58
Ethyl Benzene
Concen: 1.306 ppbv
RT: 12.709 min Scan# 3077
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

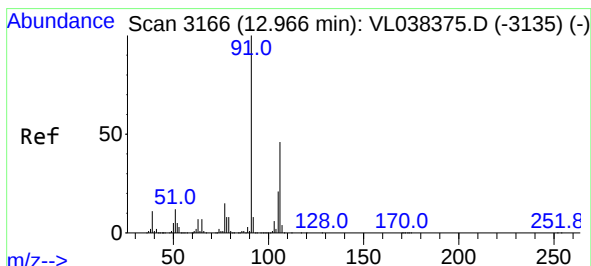
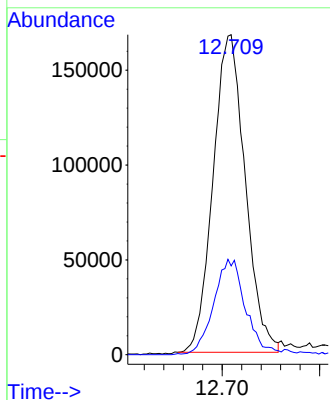
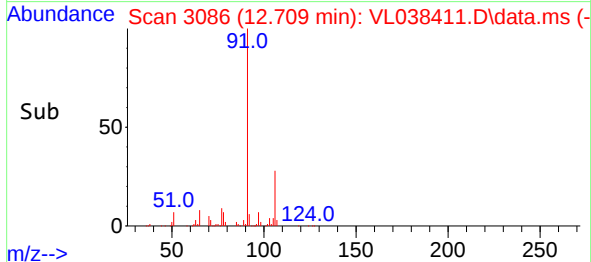
Instrument :
MSVOA_L
ClientSampleId :
MP-8



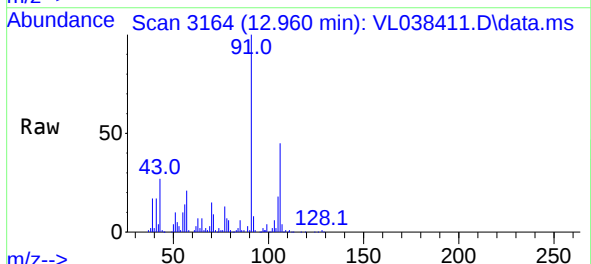
Tgt Ion: 91 Resp: 38382
Ion Ratio Lower Upper
91 100
106 27.7 24.0 36.0

Manual Integrations
APPROVED

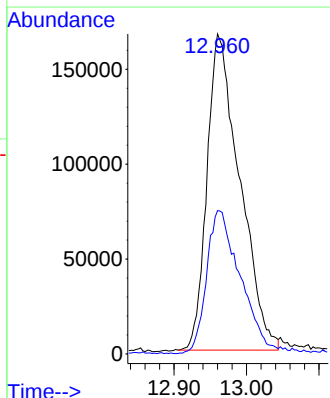
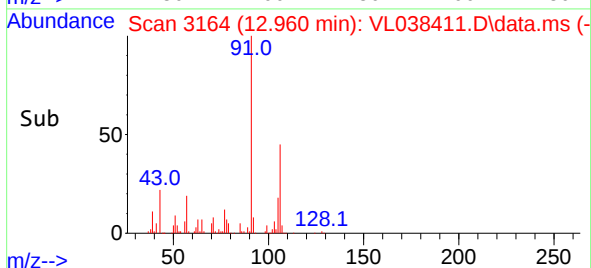
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

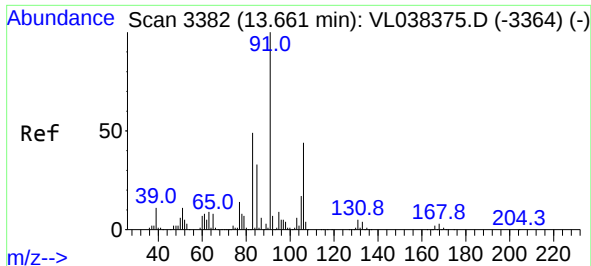


#59
m/p-Xylene
Concen: 2.074 ppbv
RT: 12.960 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



Tgt Ion: 91 Resp: 523210
Ion Ratio Lower Upper
91 100
106 47.6 34.4 51.6





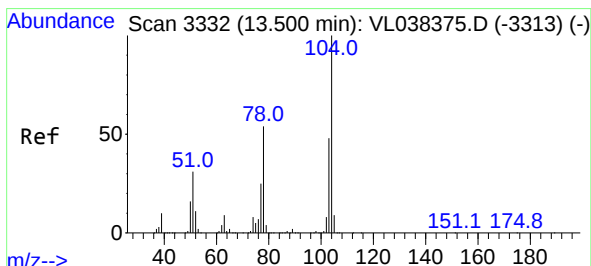
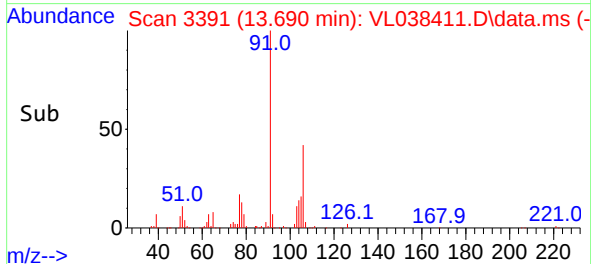
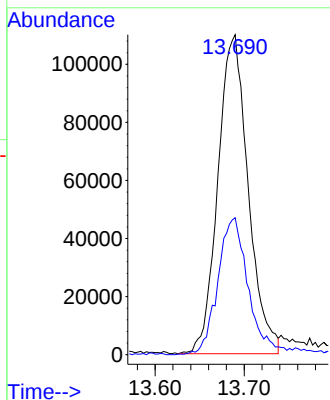
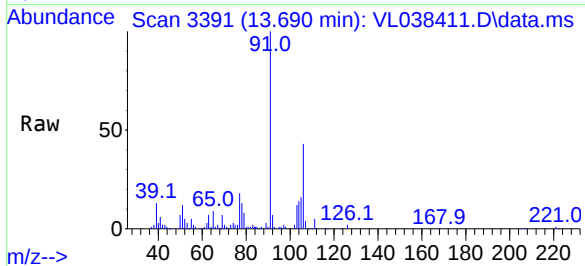
#60
o-Xylene
Concen: 1.088 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion: 91 Resp: 259540
Ion Ratio Lower Upper
91 100
106 45.9 21.9 65.5

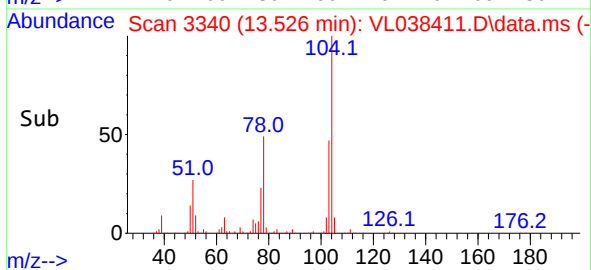
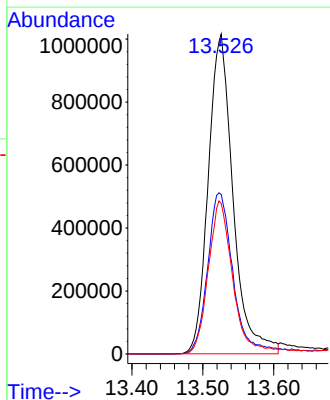
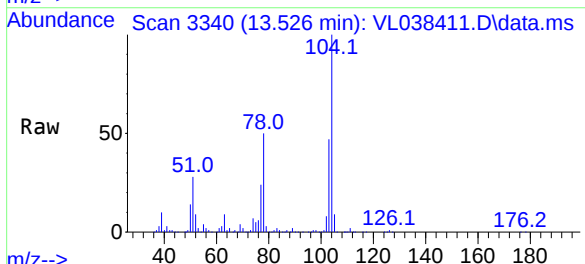
Manual Integrations
APPROVED

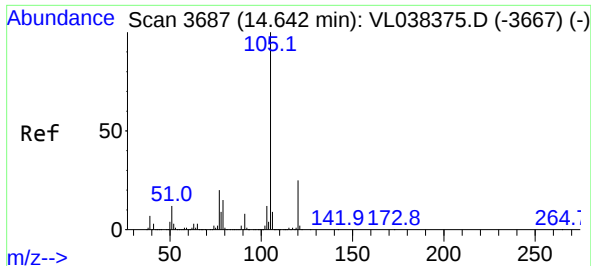
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#61
Styrene
Concen: 22.455 ppbv
RT: 13.526 min Scan# 3340
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

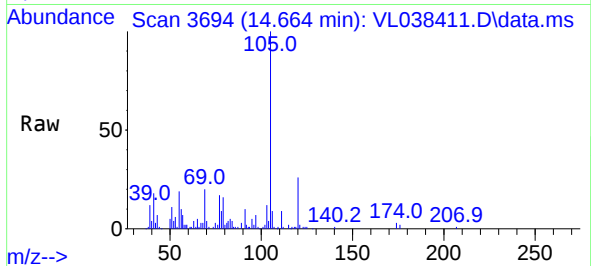
Tgt Ion:104 Resp: 2470286
Ion Ratio Lower Upper
104 100
78 53.0 44.2 66.4
103 48.4 38.4 57.6





#62
Isopropylbenzene
Concen: 0.352 ppbv
RT: 14.664 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

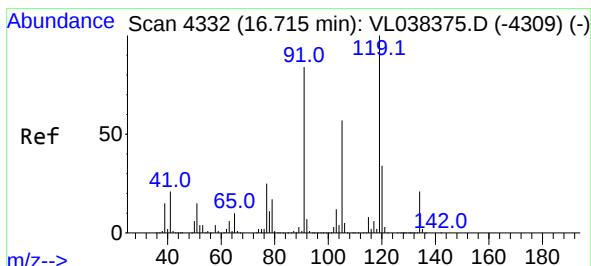
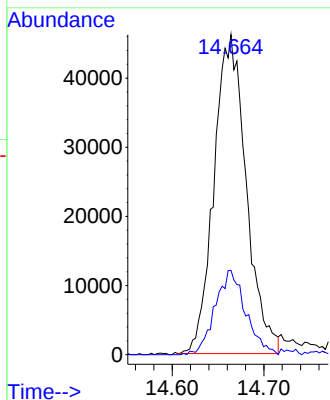
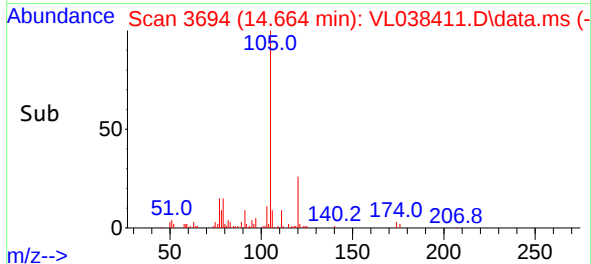
Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion:105 Resp: 11274
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8

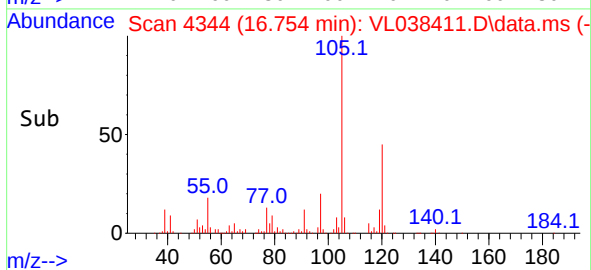
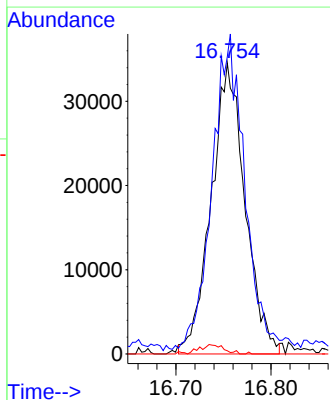
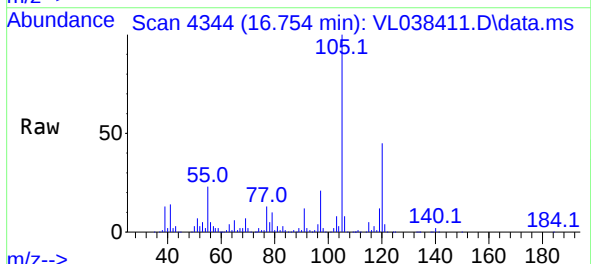
Manual Integrations
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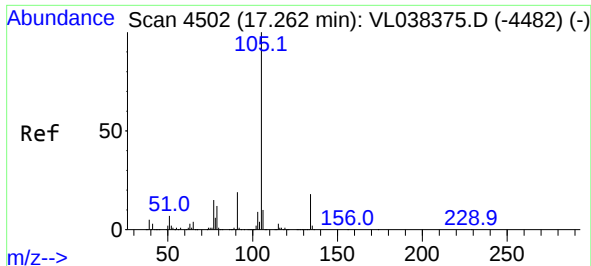
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#65
tert-Butylbenzene
Concen: 0.308 ppbv m
RT: 16.754 min Scan# 4344
Delta R.T. 0.039 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Tgt Ion:119 Resp: 85406
Ion Ratio Lower Upper
119 100
91 105.2 68.0 102.0#
134 2.5 15.8 23.8#





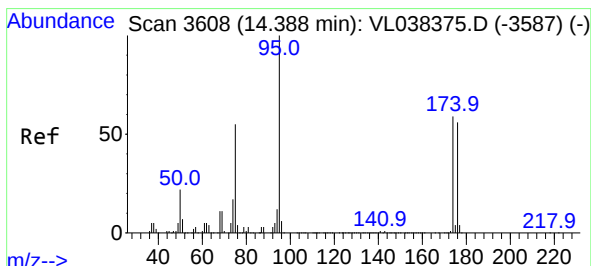
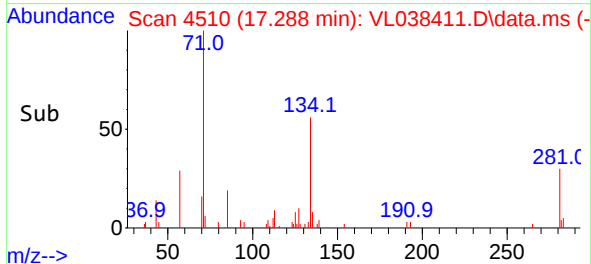
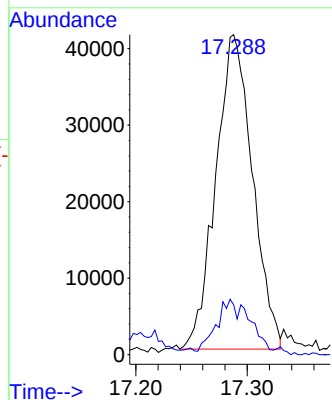
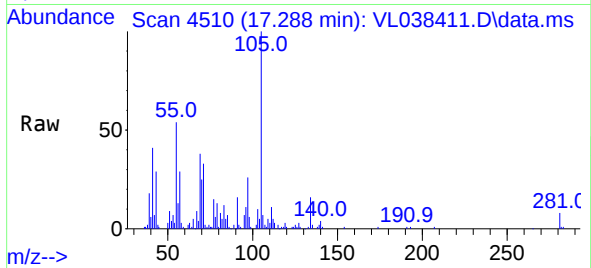
#67
 sec-Butylbenzene
 Concen: 0.240 ppbv
 RT: 17.288 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL038411.D
 Acq: 23 Feb 2022 16:58

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-8

Tgt Ion: 105 Resp: 94320
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.6 21.8

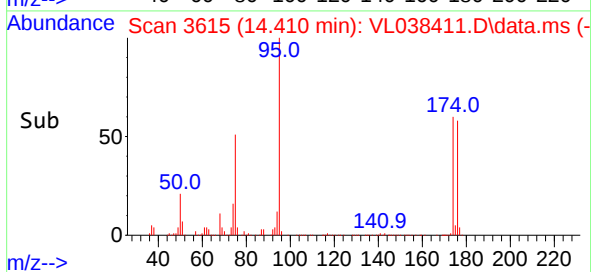
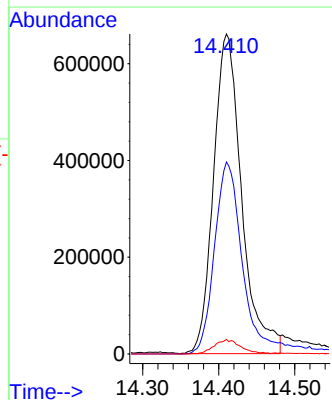
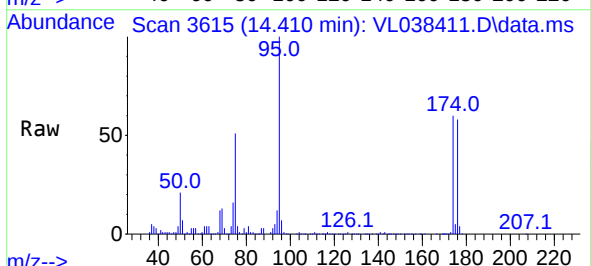
Manual Integrations
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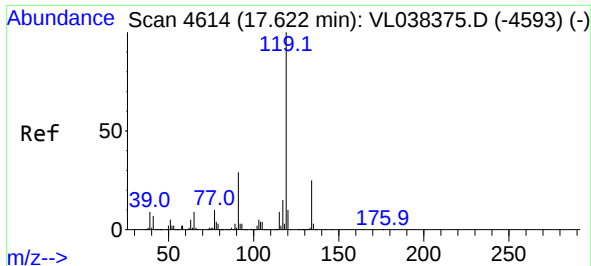
Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.556 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.023 min
 Lab File: VL038411.D
 Acq: 23 Feb 2022 16:58

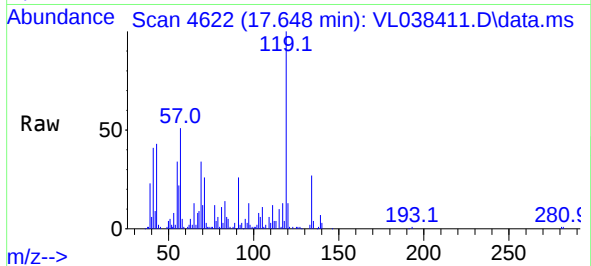
Tgt Ion: 95 Resp: 1698813
 Ion Ratio Lower Upper
 95 100
 174 63.0 49.0 73.4
 175 4.4 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.320 ppbv m
RT: 17.648 min Scan# 4622
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

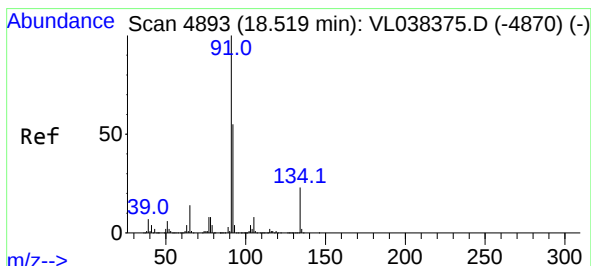
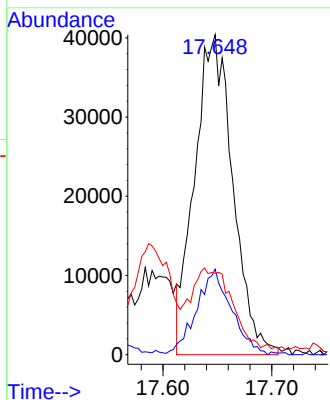
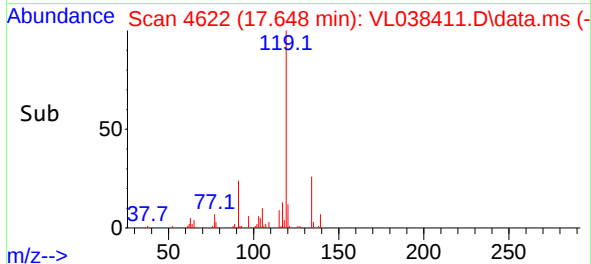
Instrument :
MSVOA_L
ClientSampleId :
MP-8



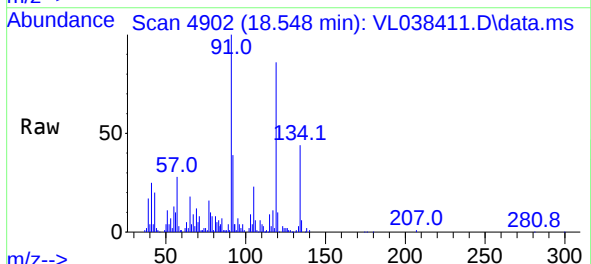
Tgt Ion: 119 Resp: 9868
Ion Ratio Lower Upper
119 100
134 26.3 20.4 30.6
91 25.4 23.8 35.8

Manual Integrations
APPROVED

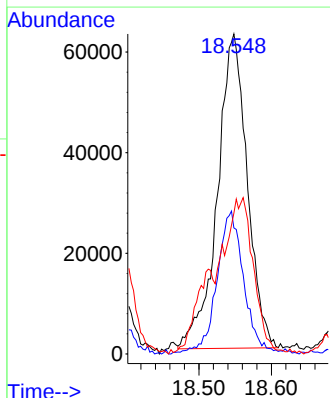
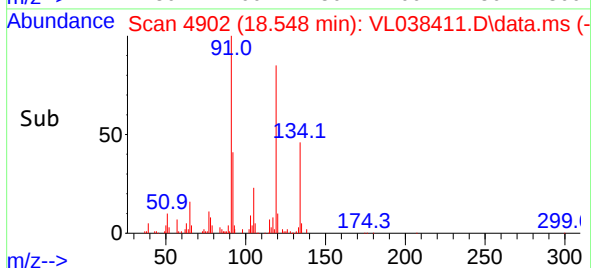
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

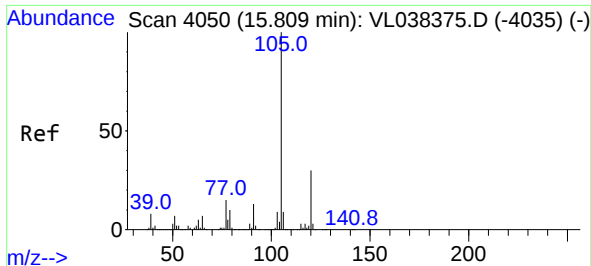


#70
n-Butylbenzene
Concen: 0.559 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.029 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



Tgt Ion: 91 Resp: 178658
Ion Ratio Lower Upper
91 100
92 41.3 43.1 64.7#
134 66.7 17.4 26.0#





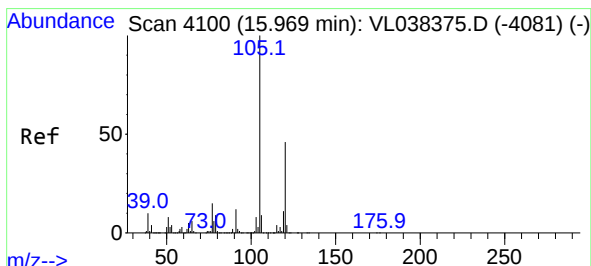
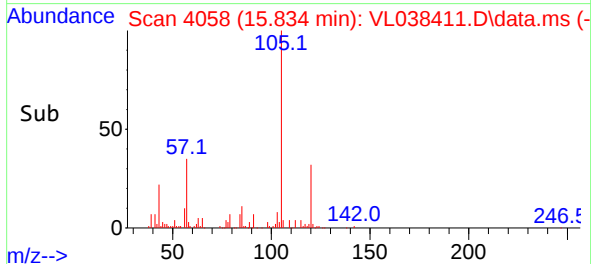
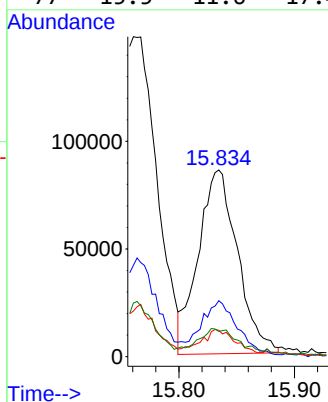
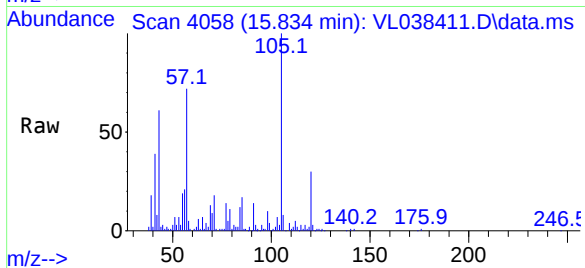
#72
4-Ethyltoluene
Concen: 0.769 ppbv
RT: 15.834 min Scan# 4050
Delta R.T. 0.026 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8

Tgt Ion:105	Resp: 20204
Ion Ratio	Lower Upper
105 100	
120 29.2	23.4 35.2
91 13.9	10.4 15.6
77 15.5	11.6 17.4

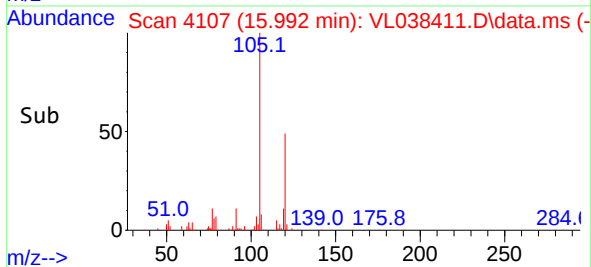
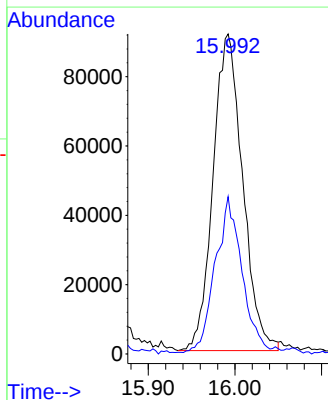
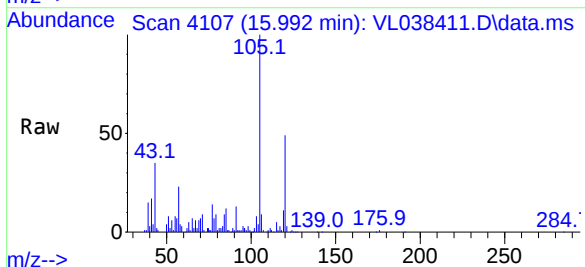
Manual Integrations
APPROVED

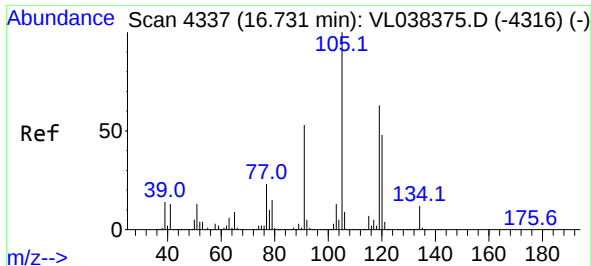
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#73
1,3,5-Trimethylbenzene
Concen: 0.909 ppbv
RT: 15.992 min Scan# 4107
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

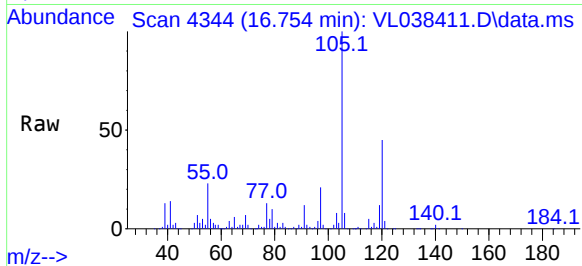
Tgt Ion:105	Resp: 216872
Ion Ratio	Lower Upper
105 100	
120 49.2	36.6 55.0





#74
1,2,4-Trimethylbenzene
Concen: 2.781 ppbv
RT: 16.754 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

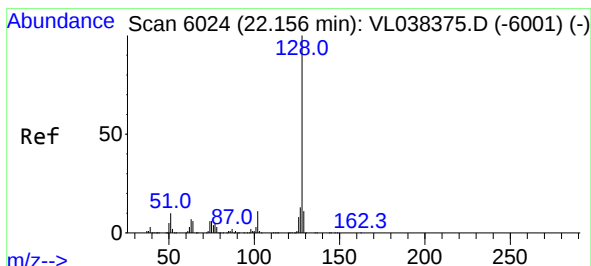
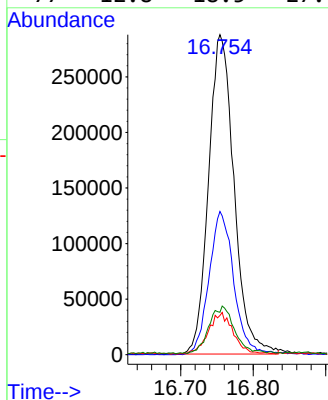
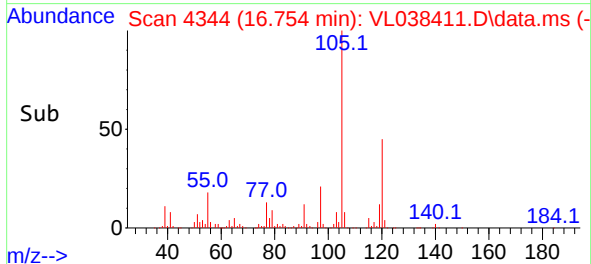
Instrument :
MSVOA_L
ClientSampleId :
MP-8



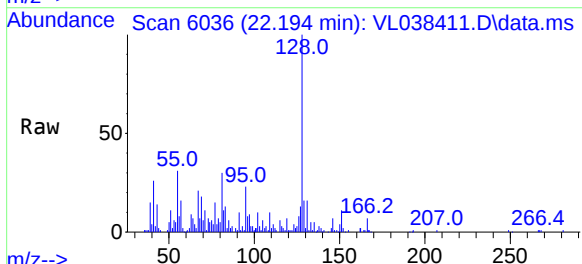
Tgt Ion:105 Resp: 700662
Ion Ratio Lower Upper
105 100
120 44.8 38.2 57.4
91 12.0 42.7 64.1
77 12.8 18.5 27.7#

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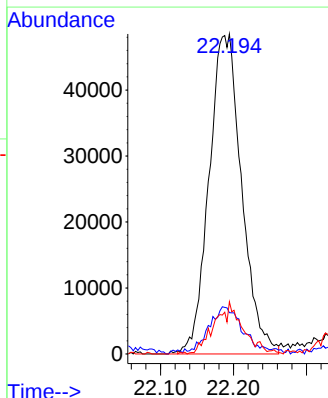
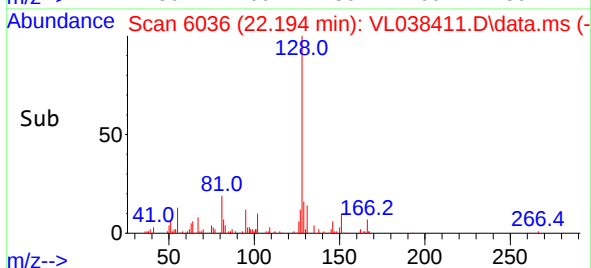
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

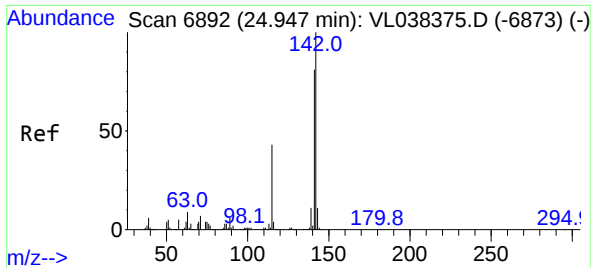


#79
Naphthalene
Concen: 1.102 ppbv m
RT: 22.194 min Scan# 6036
Delta R.T. 0.039 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58



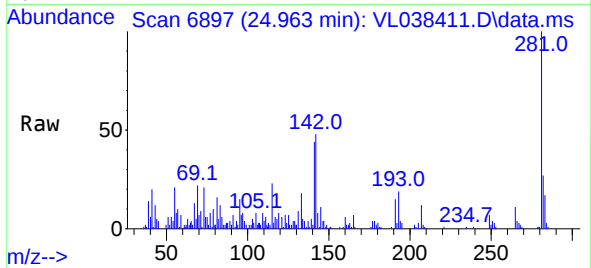
Tgt Ion:128 Resp: 150408
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 16.3 8.8 13.2#





#80
Naphthalene, 2-methyl-
Concen: 0.928 ppbv m
RT: 24.963 min Scan# 6892
Delta R.T. 0.016 min
Lab File: VL038411.D
Acq: 23 Feb 2022 16:58

Instrument :
MSVOA_L
ClientSampleId :
MP-8



Tgt Ion:	142	Resp:	2475
Ion	Ratio	Lower	Upper
142	100		
141	45.7	69.8	104.6
115	22.3	33.0	49.6

Manual Integrations
APPROVED

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

