

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038412.D
 Acq On : 23 Feb 2022 17:40
 Operator : SY/AP
 Sample : N1607-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-1

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 07:29:26 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	5.664	49	915621	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.172	114	2361271	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.079	117	2072292	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1673106	9.758	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	29012	0.200	ppbv #	85
4) Chloromethane	3.140	50	25171	0.448	ppbv	92
9) Propene	3.025	41	22846m	0.428	ppbv	
10) Heptane	8.118	43	29753	0.229	ppbv	96
11) Trichlorofluoromethane	3.954	101	24618	0.177	ppbv	89
13) Ethanol	3.613	45	1659563	311.504	ppbv	87
15) Acetone	3.845	43	5998236	77.034	ppbv	97
17) tert-Butyl alcohol	4.301	59	558580	7.190	ppbv	97
19) Isopropyl Alcohol	3.980	45	18201295	403.672	ppbv #	95
20) Methylene Chloride	4.346	84	252441	6.543	ppbv	98
26) Hexane	5.681	57	221560	2.339	ppbv #	47
29) Chloroform	5.754	83	15677m	0.101	ppbv	
30) Cyclohexane	7.131	84	31095m	0.401	ppbv	
31) cis-1,2-Dichloroethene	5.545	61	10452m	0.114	ppbv	
34) 2-Butanone	5.243	43	243813	3.283	ppbv	97
35) Carbon Tetrachloride	7.012	117	7914m	0.048	ppbv	
36) Benzene	6.883	78	32828	0.158	ppbv #	92
38) Trichloroethene	7.825	130	35973m	0.475	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	186695	0.523	ppbv #	86
50) 4-Methyl-2-Pentanone	8.741	43	42664	0.325	ppbv	88
51) 2-Hexanone	10.130	43	75726	1.288	ppbv #	99
52) Tetrachloroethene	11.224	164	7056m	0.102	ppbv	
53) Toluene	9.799	91	2623890	11.626	ppbv	99
58) Ethyl Benzene	12.700	91	244868	0.864	ppbv	98
59) m/p-Xylene	12.960	91	790246	3.247	ppbv	93
60) o-Xylene	13.683	91	408864	1.777	ppbv	92
61) Styrene	13.516	104	45926	0.433	ppbv	95
62) Isopropylbenzene	14.661	105	116953	0.379	ppbv	98
65) tert-Butylbenzene	16.748	119	138569m	0.518	ppbv	
67) sec-Butylbenzene	17.285	105	165236	0.436	ppbv	99
69) p-Isopropyltoluene	17.648	119	129100	0.434	ppbv	94
70) n-Butylbenzene	18.545	91	227527	0.739	ppbv #	61
72) 4-Ethyltoluene	15.828	105	362203	1.429	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.986	105	381222	1.656	ppbv	99
74) 1,2,4-Trimethylbenzene	16.754	105	1217444	5.009	ppbv #	69
79) Naphthalene	22.185	128	61935m	0.470	ppbv	
80) Naphthalene,2-methyl-	24.966	142	10875m	0.423	ppbv	

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

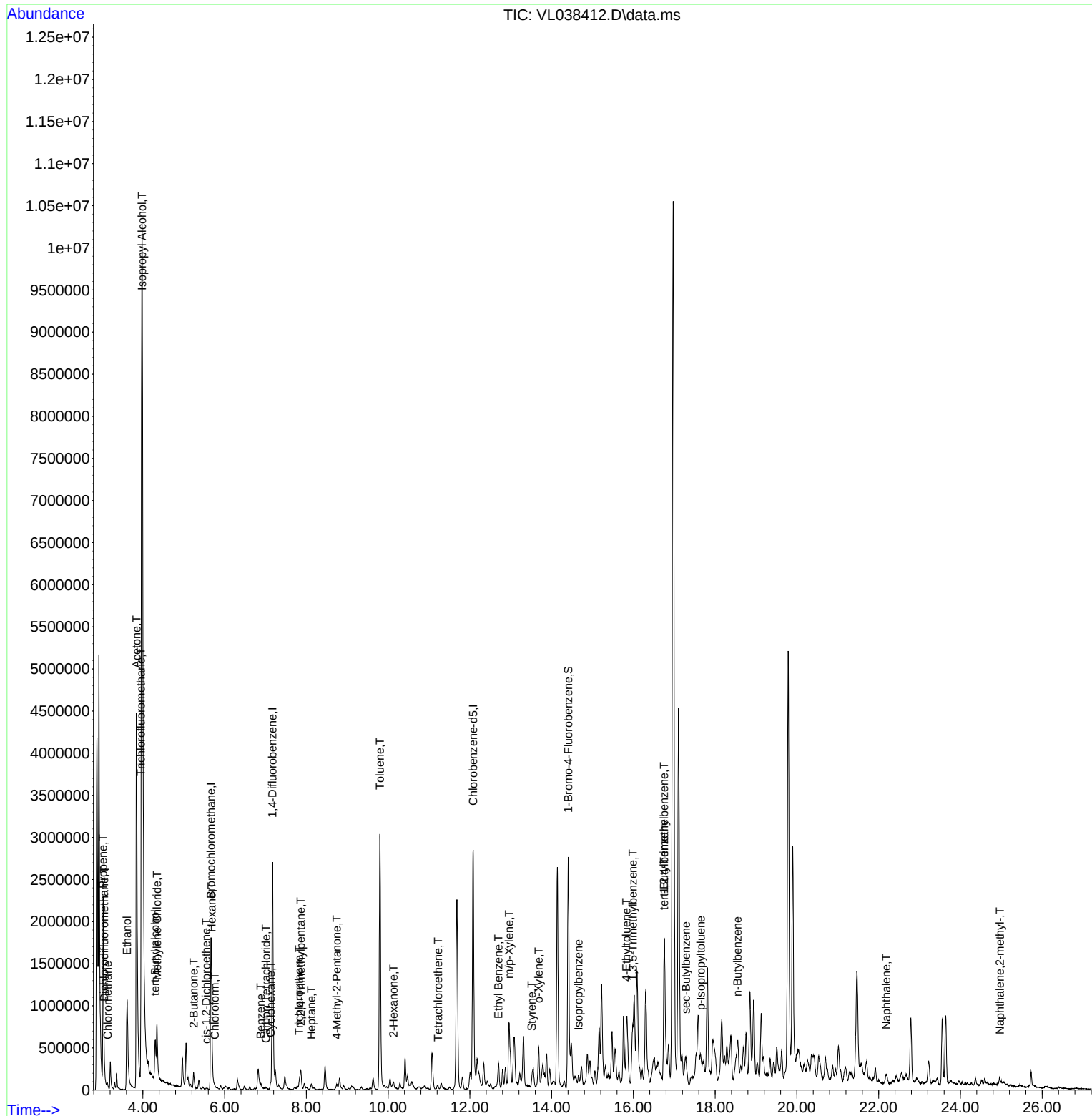
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
Data File : VL038412.D
Acq On : 23 Feb 2022 17:40
Operator : SY/AP
Sample : N1607-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

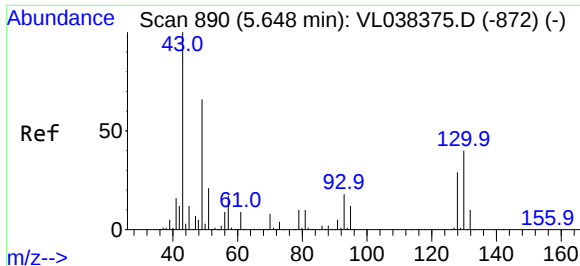
Instrument :
MSVOA_L
ClientSampleId :
MP-1

Quant Time: Feb 24 07:29:26 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

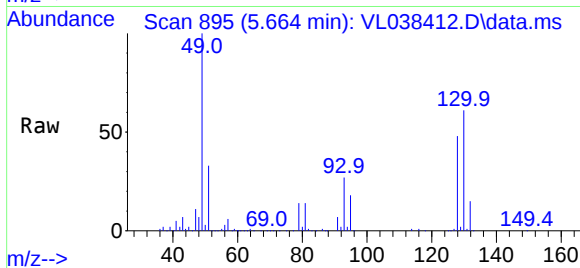
Reviewed By : Semsettin Yesilyurt 02/24/2022
Supervised By : Mahesh Dadoda 02/25/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 89
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

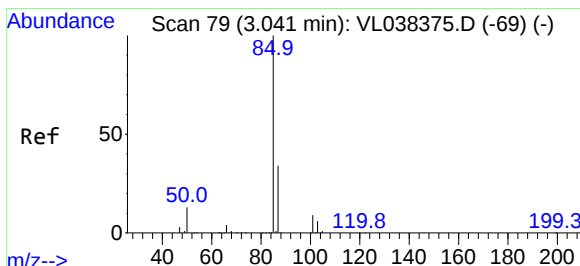
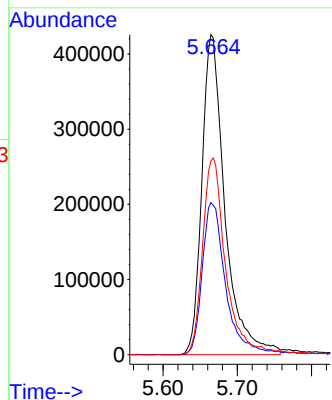
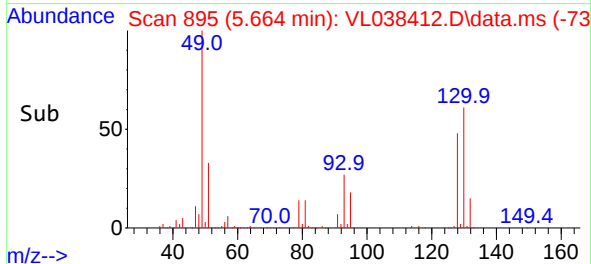
Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion: 49 Resp: 91562
Ion Ratio Lower Upper
49 100
128 49.4 24.3 72.9
130 62.7 30.1 90.5

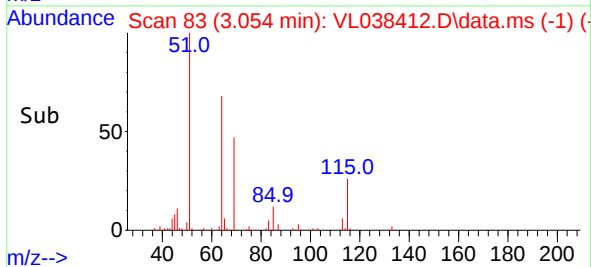
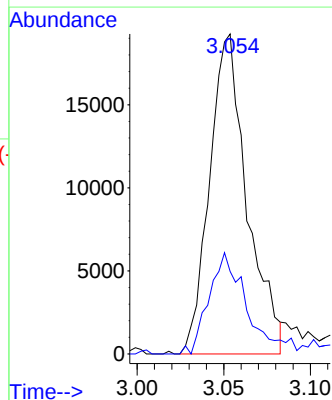
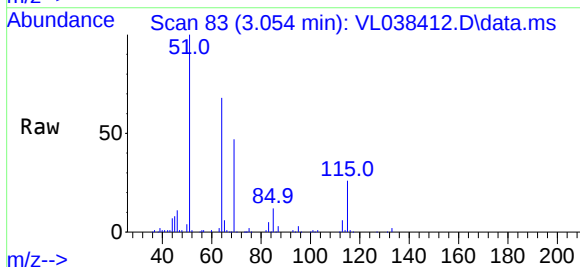
Manual Integrations
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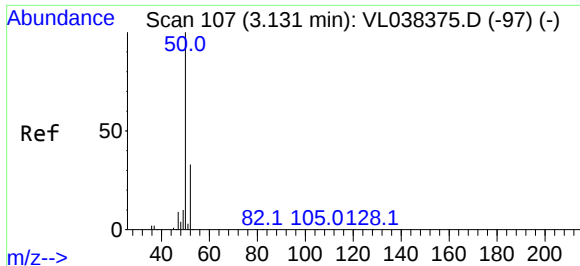
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#2
Dichlorodifluoromethane
Concen: 0.200 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Tgt Ion: 85 Resp: 29012
Ion Ratio Lower Upper
85 100
87 25.8 27.4 41.0#





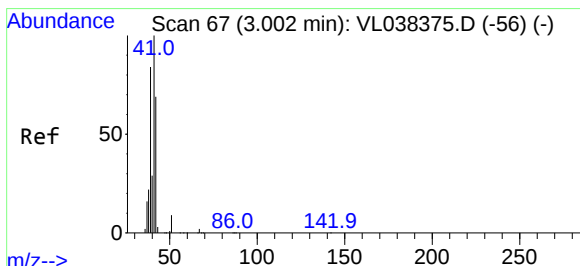
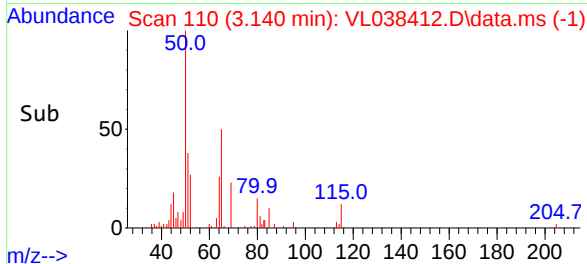
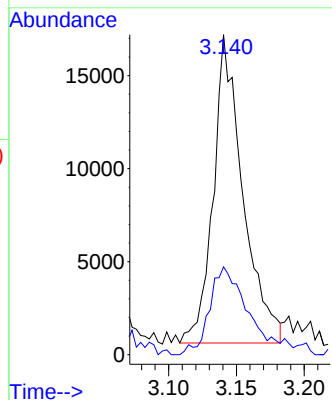
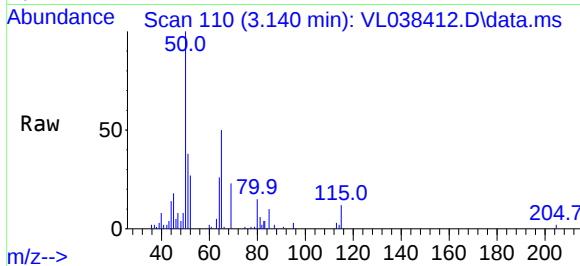
#4
Chloromethane
Concen: 0.448 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.010 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1

Tgt Ion: 50 Resp: 2517
Ion Ratio Lower Upper
50 100
52 28.5 26.5 39.7

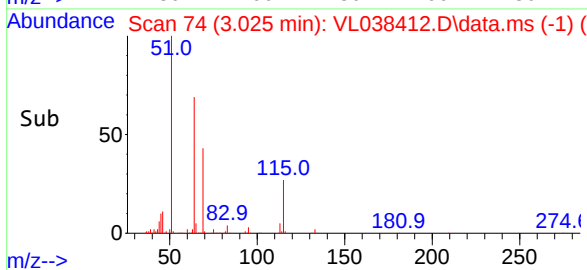
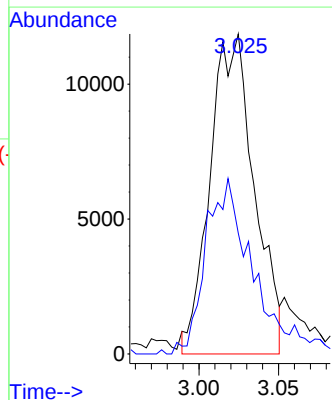
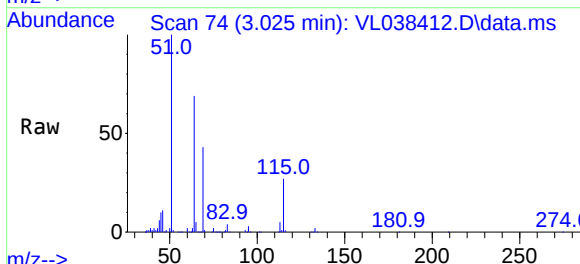
Manual Integrations
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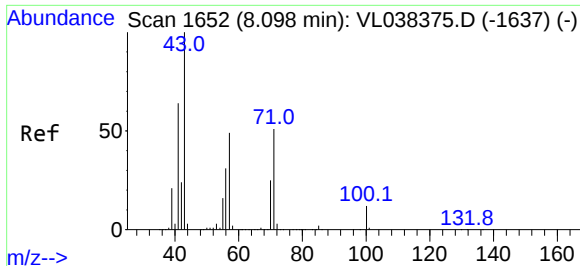
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#9
Propene
Concen: 0.428 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Tgt Ion: 41 Resp: 22846
Ion Ratio Lower Upper
41 100
42 60.2 54.6 82.0





#10

Heptane

Concen: 0.229 ppbv

RT: 8.118 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL038412.D

Acq: 23 Feb 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

MP-1

Tgt Ion: 43 Resp: 2975

Ion Ratio Lower Upper

43 100

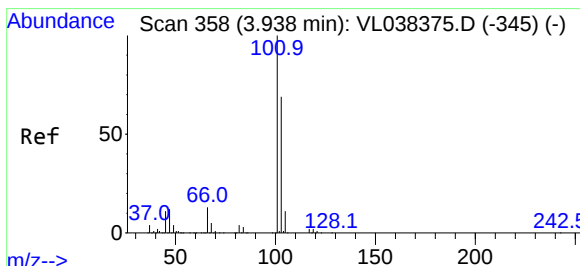
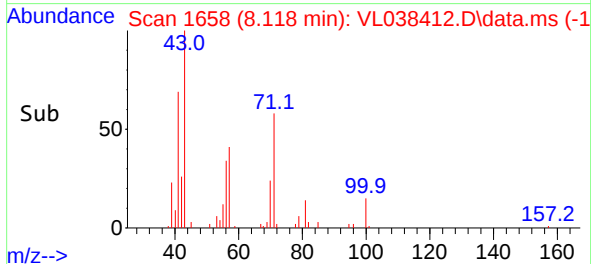
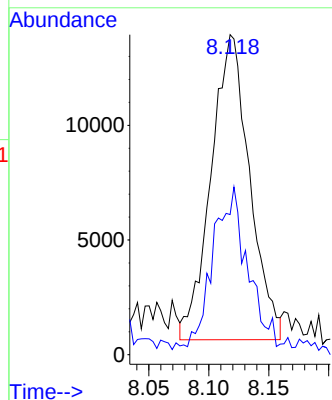
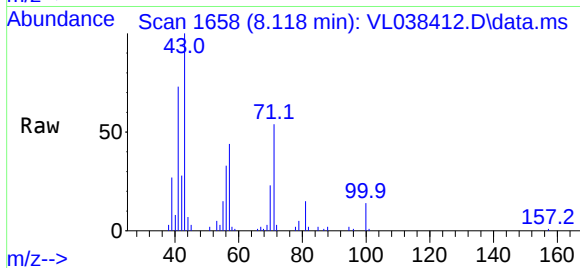
57 47.0 39.8 59.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2022

Supervised By :Mahesh Dadoda 02/25/2022



#11

Trichlorofluoromethane

Concen: 0.177 ppbv

RT: 3.954 min Scan# 363

Delta R.T. 0.016 min

Lab File: VL038412.D

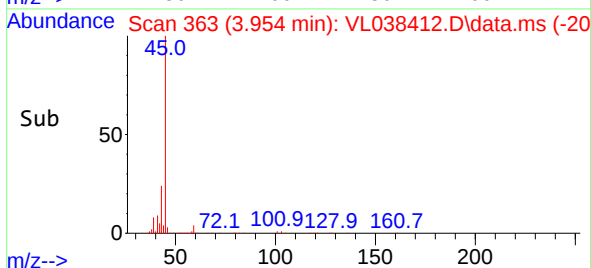
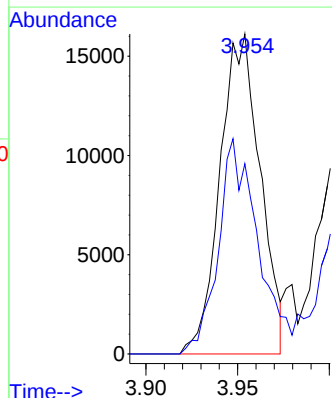
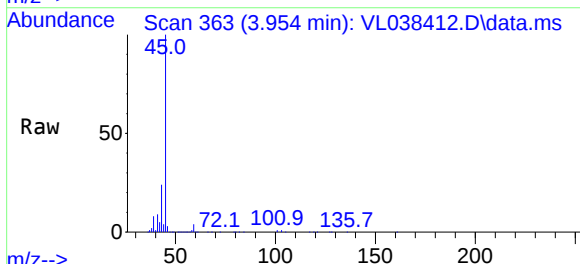
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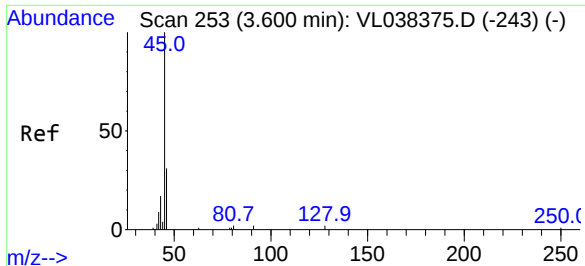
Tgt Ion:101 Resp: 24618

Ion Ratio Lower Upper

101 100

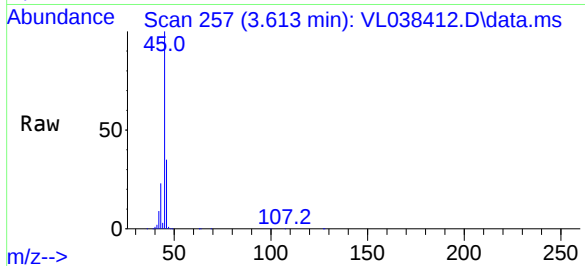
103 59.5 55.0 82.4





#13
Ethanol
Concen: 311.504 ppbv
RT: 3.613 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

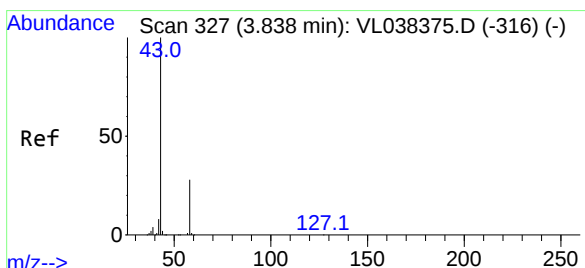
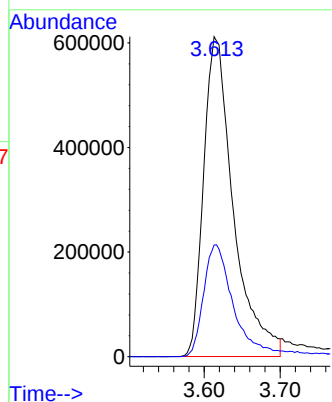
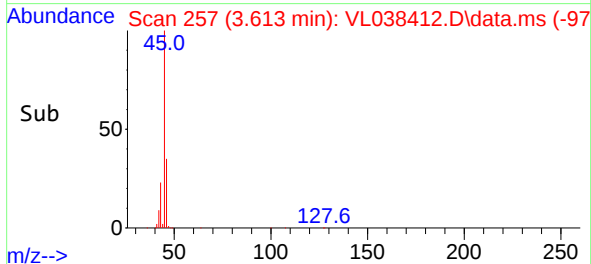
Instrument :
MSVOA_L
ClientSampleId :
MP-1



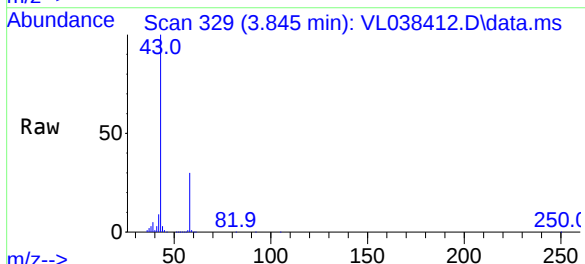
Tgt Ion: 45 Resp: 165956
Ion Ratio Lower Upper
45 100
46 37.0 18.2 72.8

Manual Integrations
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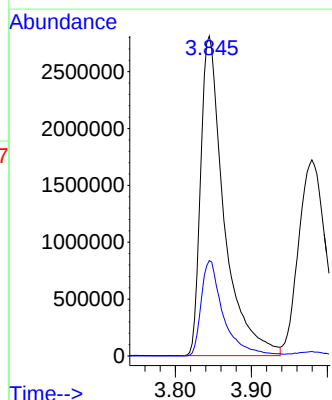
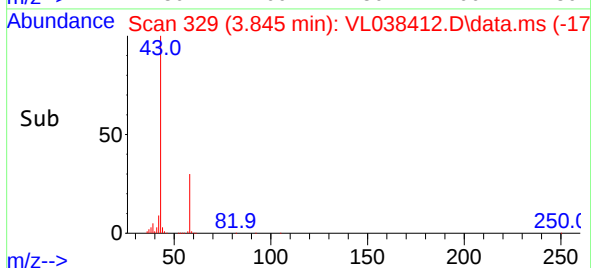
Reviewed By :Semsettin Yesilyurt 02/24/2022
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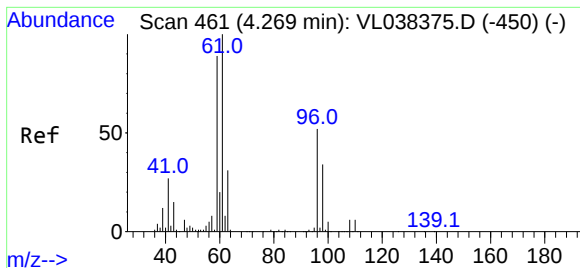


#15
Acetone
Concen: 77.034 ppbv
RT: 3.845 min Scan# 329
Delta R.T. 0.006 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



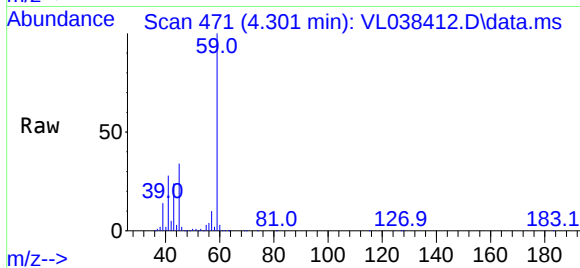
Tgt Ion: 43 Resp: 5998236
Ion Ratio Lower Upper
43 100
58 28.6 21.7 32.5





#17
tert-Butyl alcohol
Concen: 7.190 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

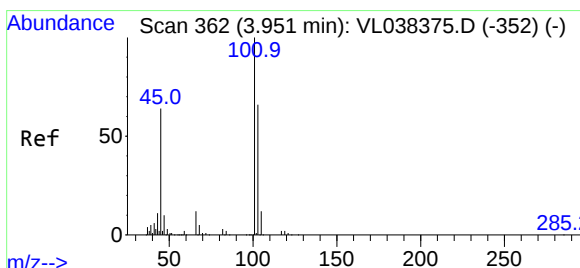
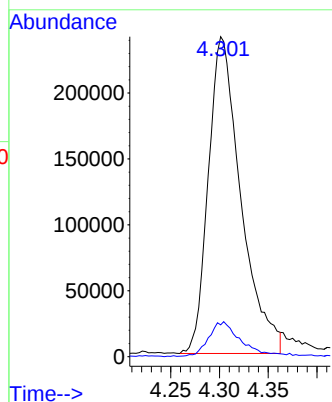
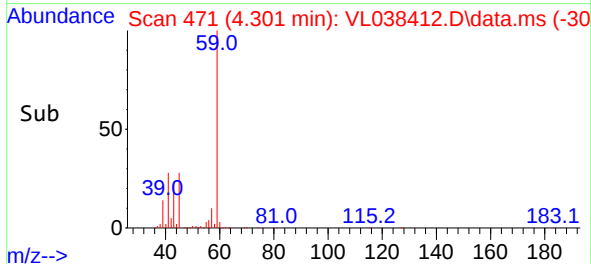
Instrument :
MSVOA_L
ClientSampleId :
MP-1



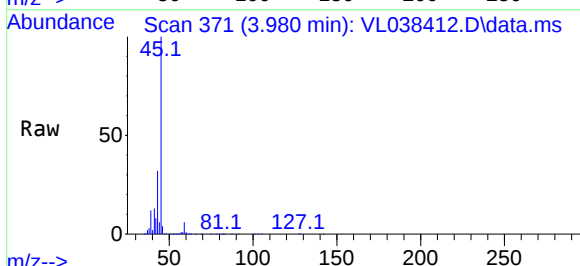
Tgt Ion: 59 Resp: 558580
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6

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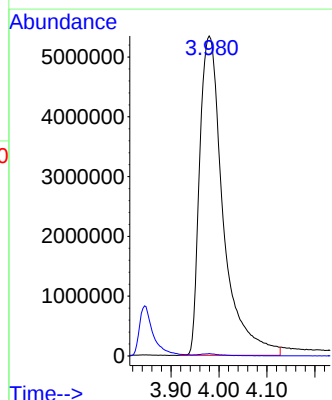
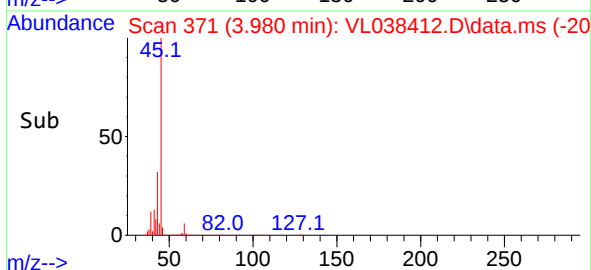
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

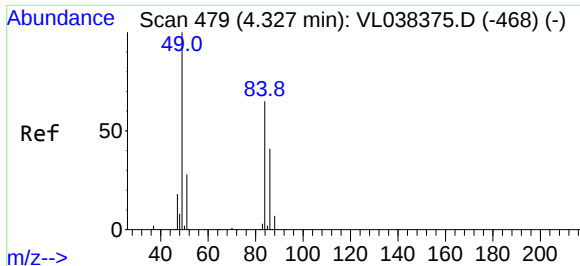


#19
Isopropyl Alcohol
Concen: 403.672 ppbv
RT: 3.980 min Scan# 371
Delta R.T. 0.029 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



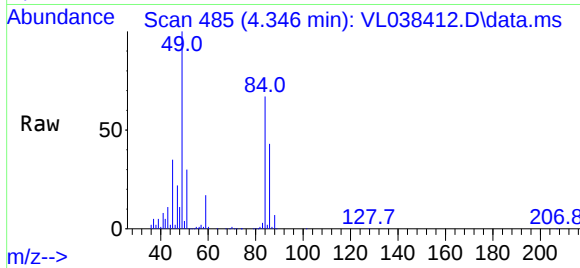
Tgt Ion: 45 Resp:18201295
Ion Ratio Lower Upper
45 100
58 0.7 1.8 2.8#





#20
Methylene Chloride
Concen: 6.543 ppbv
RT: 4.346 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1

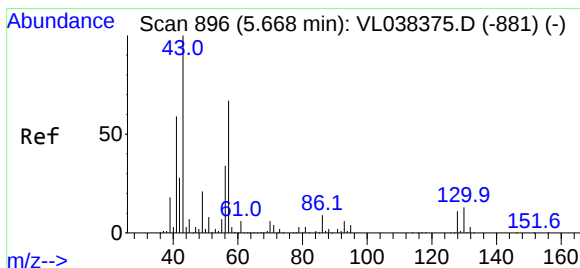
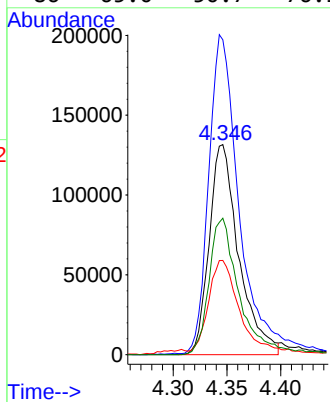
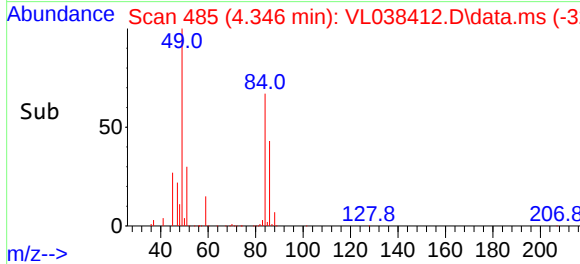


Tgt Ion: 84 Resp: 25244

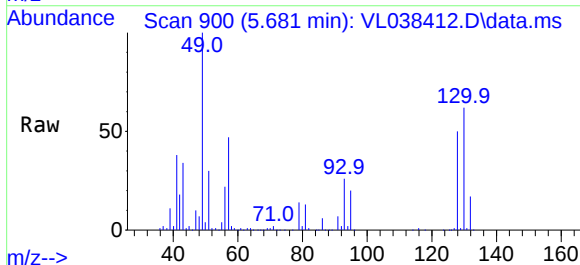
Ion	Ratio	Lower	Upper
84	100		
49	149.4	122.4	183.6
51	42.9	33.3	49.9
86	65.0	50.7	76.1

Manual Integrations
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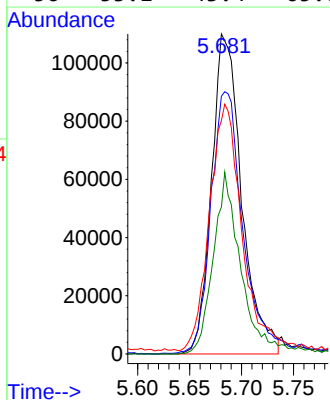
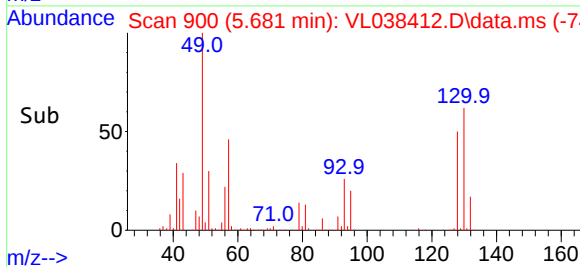


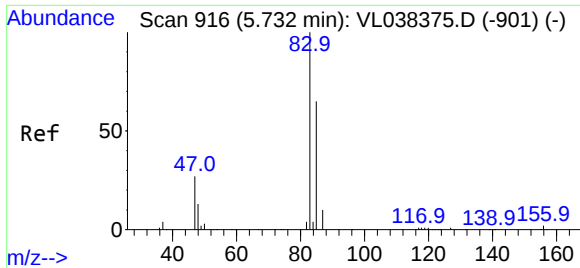
#26
Hexane
Concen: 2.339 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.013 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



Tgt Ion: 57 Resp: 221560

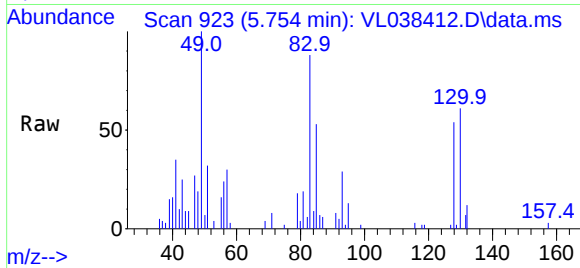
Ion	Ratio	Lower	Upper
57	100		
41	89.7	73.1	109.7
43	84.4	181.0	271.4#
56	53.1	43.4	65.0





#29
Chloroform
Concen: 0.101 ppbv m
RT: 5.754 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

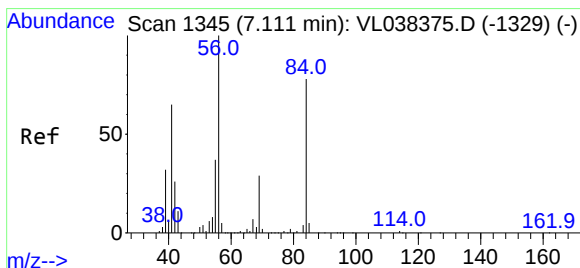
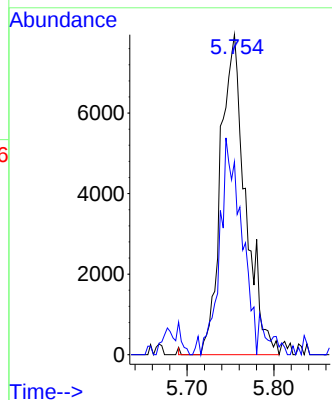
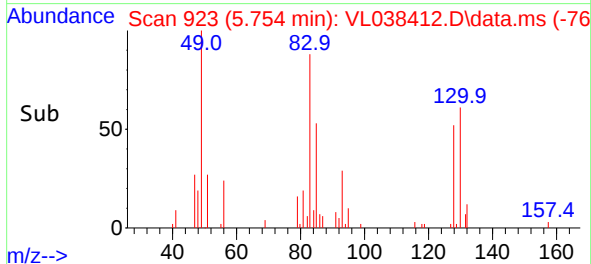
Instrument :
MSVOA_L
ClientSampleId :
MP-1



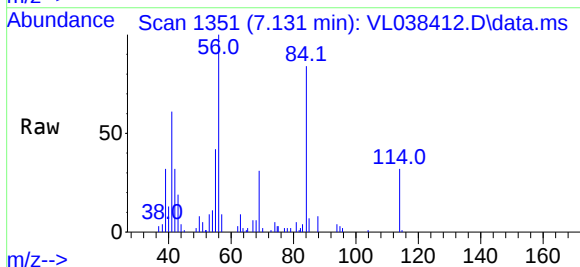
Tgt Ion: 83 Resp: 1567
Ion Ratio Lower Upper
83 100
85 60.2 51.6 77.4

Manual Integrations
APPROVED

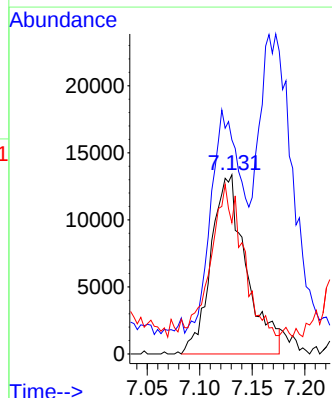
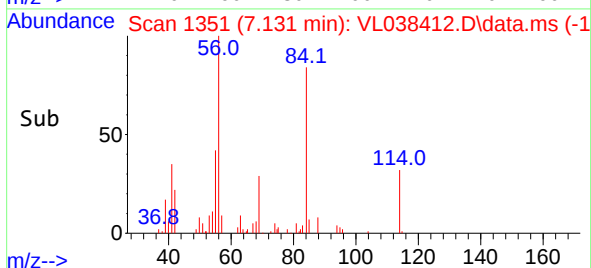
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

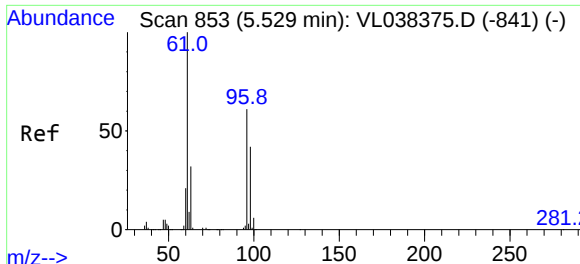


#30
Cyclohexane
Concen: 0.401 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



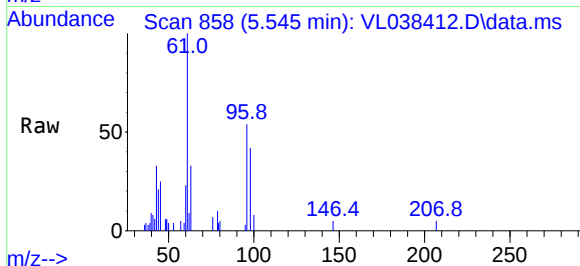
Tgt Ion: 84 Resp: 31095
Ion Ratio Lower Upper
84 100
56 118.5 116.2 174.4
41 96.4 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 0.114 ppbv m
RT: 5.545 min Scan# 853
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

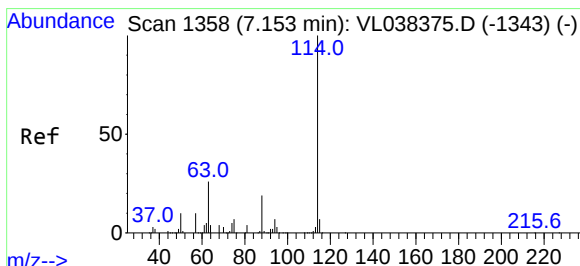
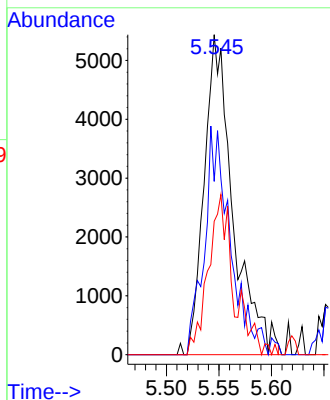
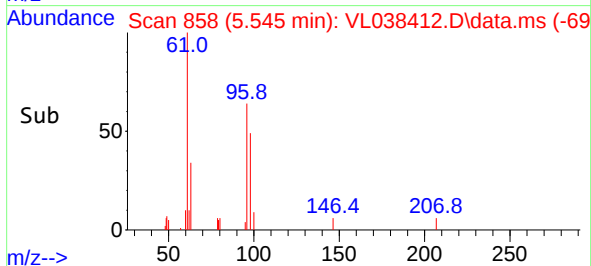
Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion: 61 Resp: 10452
Ion Ratio Lower Upper
61 100
96 54.1 48.6 73.0
98 41.7 33.2 49.8

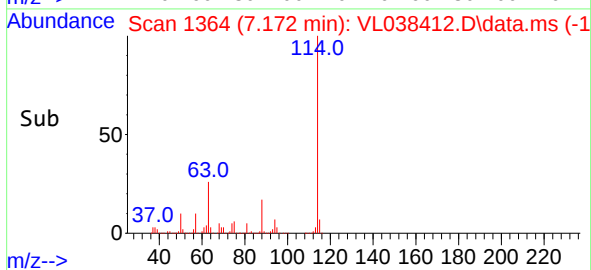
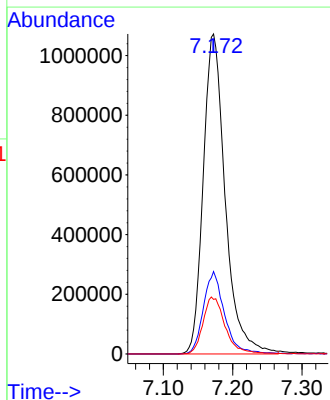
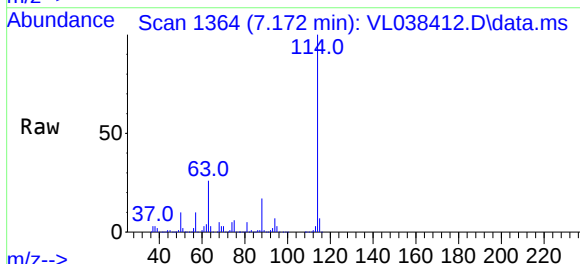
Manual Integrations
APPROVED

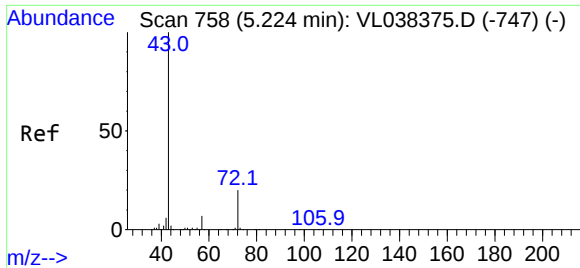
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Tgt Ion:114 Resp: 2361271
Ion Ratio Lower Upper
114 100
63 24.8 22.2 33.2
88 18.0 15.2 22.8





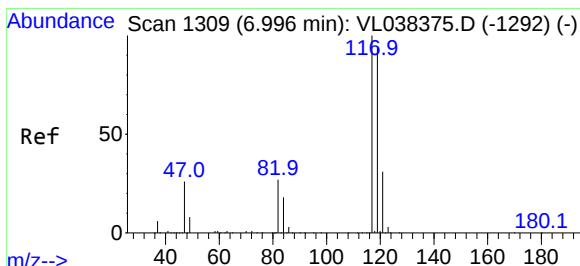
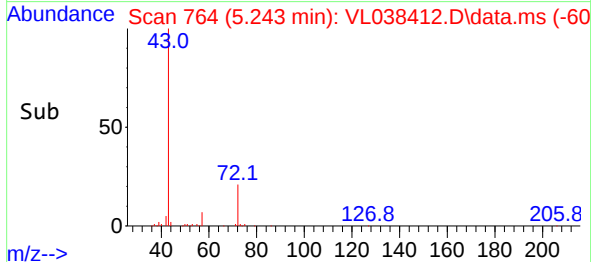
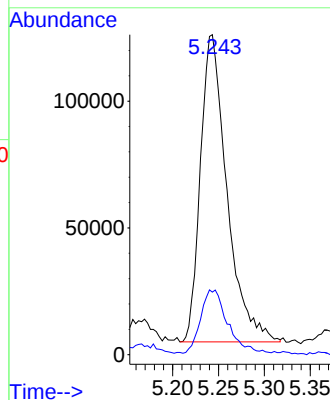
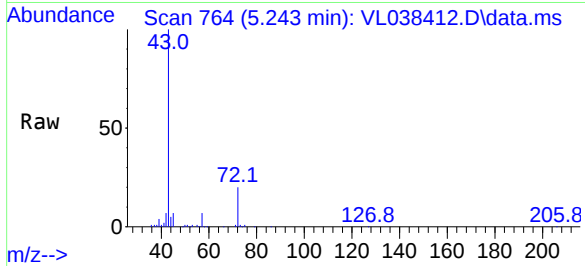
#34
2-Butanone
Concen: 3.283 ppbv
RT: 5.243 min Scan# 70
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1

Tgt Ion: 43 Resp: 24381
Ion Ratio Lower Upper
43 100
72 23.0 17.4 26.2

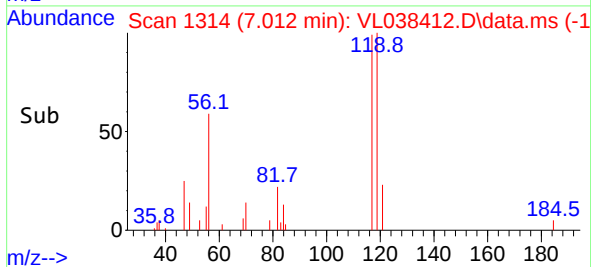
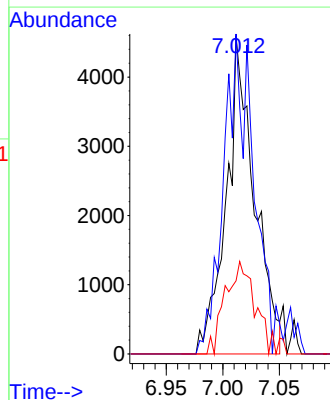
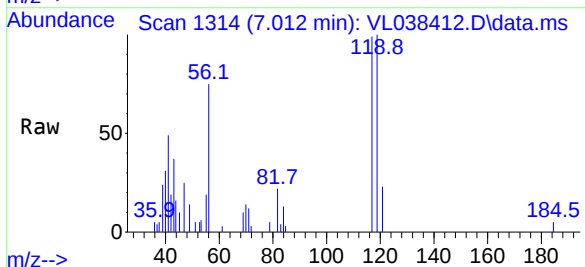
Manual Integrations
APPROVED

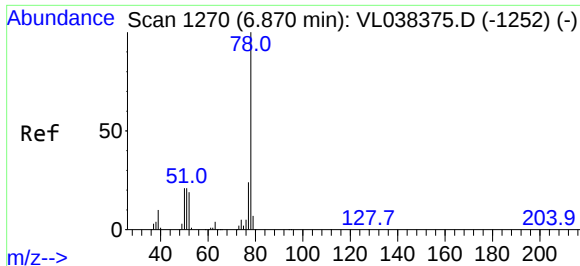
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#35
Carbon Tetrachloride
Concen: 0.048 ppbv m
RT: 7.012 min Scan# 1314
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

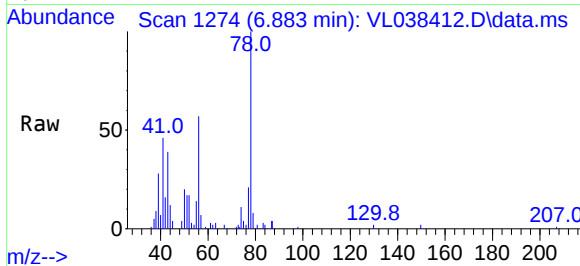
Tgt Ion:117 Resp: 7914
Ion Ratio Lower Upper
117 100
119 100.5 74.9 112.3
121 23.0 24.8 37.2#





#36
Benzene
Concen: 0.158 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

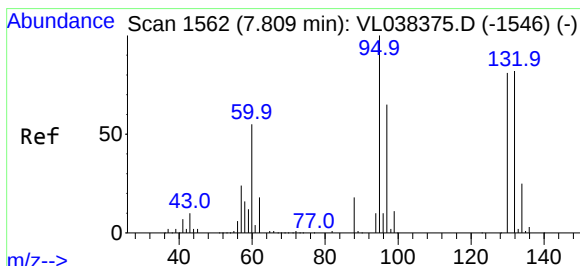
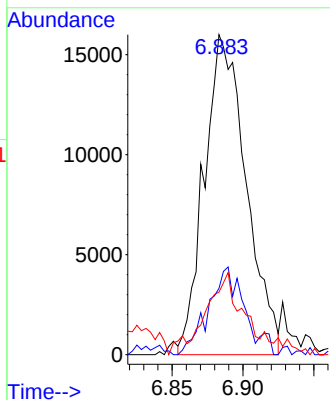
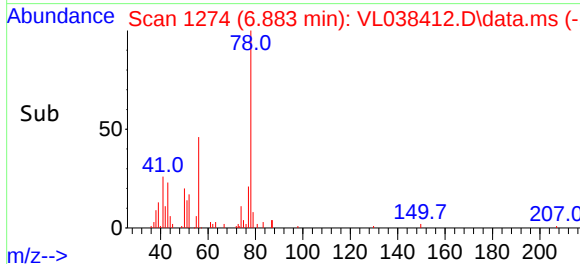
Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion: 78 Resp: 32828
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.6
50 15.7 16.6 24.8

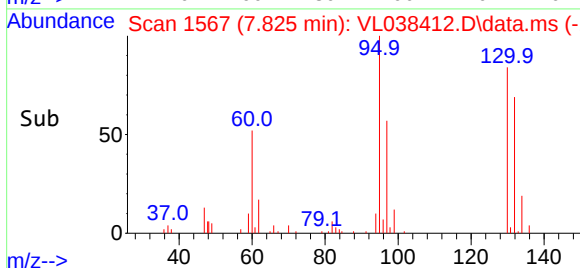
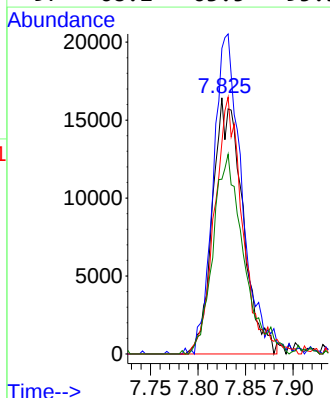
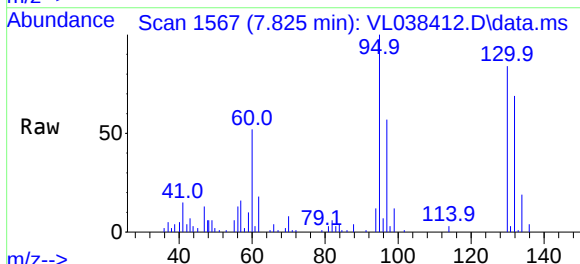
Manual Integrations
APPROVED

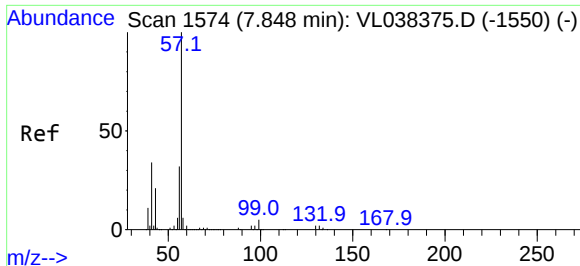
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#38
Trichloroethene
Concen: 0.475 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

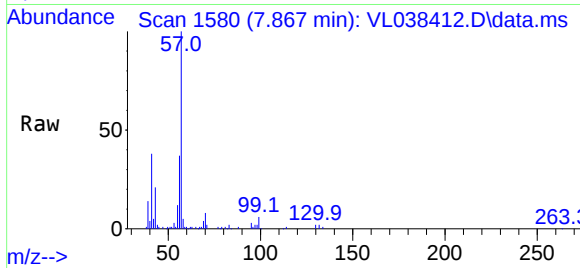
Tgt Ion:130 Resp: 35973
Ion Ratio Lower Upper
130 100
95 119.3 98.1 147.1
132 82.5 80.3 120.5
97 68.2 63.5 95.3





#44
2,2,4-Trimethylpentane
Concen: 0.523 ppbv
RT: 7.867 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

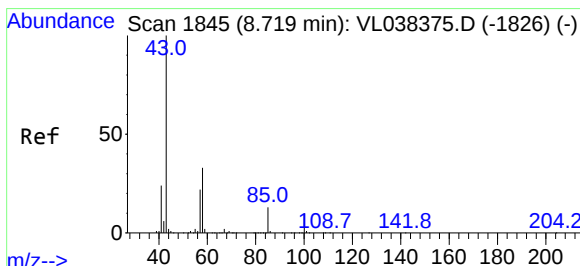
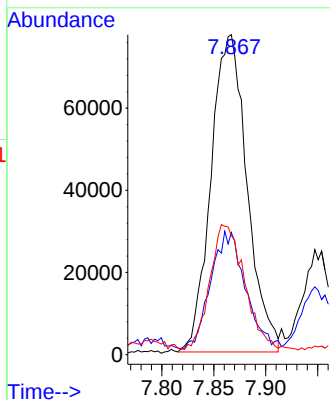
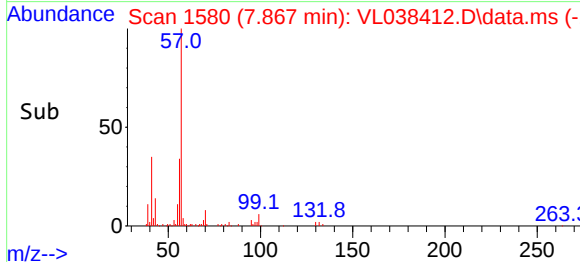
Instrument :
MSVOA_L
ClientSampleId :
MP-1



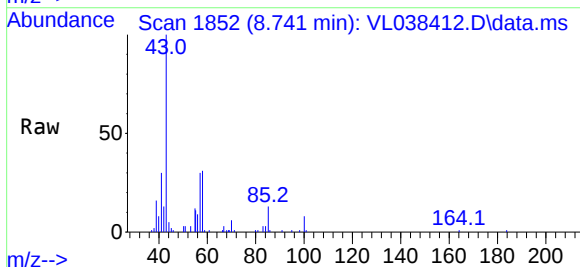
Tgt Ion: 57 Resp: 18669
Ion Ratio Lower Upper
57 100
41 38.3 26.6 39.8
56 41.7 25.0 37.6

Manual Integrations
APPROVED

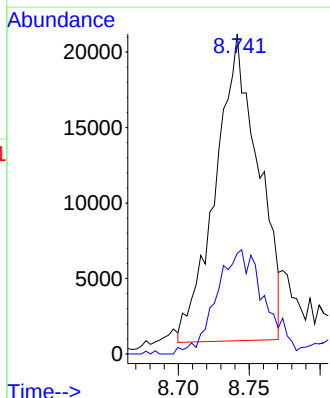
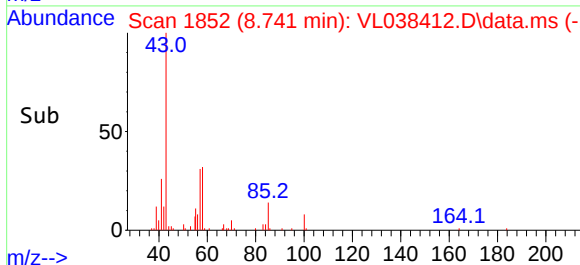
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

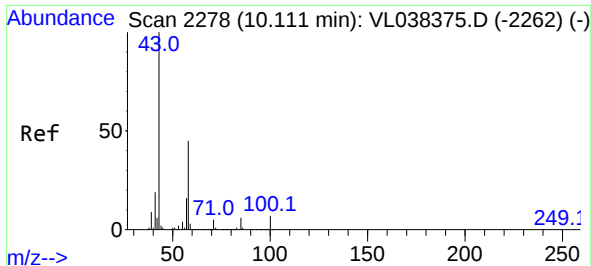


#50
4-Methyl-2-Pentanone
Concen: 0.325 ppbv
RT: 8.741 min Scan# 1852
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



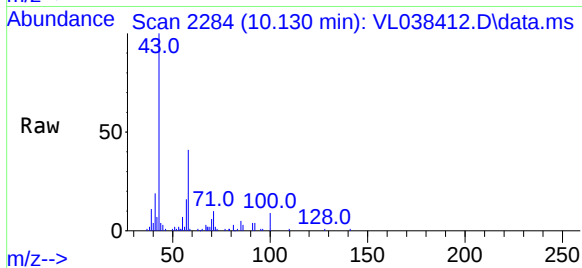
Tgt Ion: 43 Resp: 42664
Ion Ratio Lower Upper
43 100
58 41.4 27.7 41.5





#51
2-Hexanone
Concen: 1.288 ppbv
RT: 10.130 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

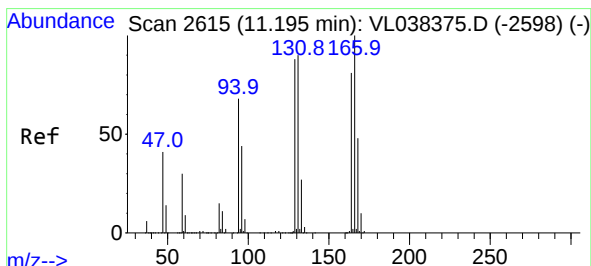
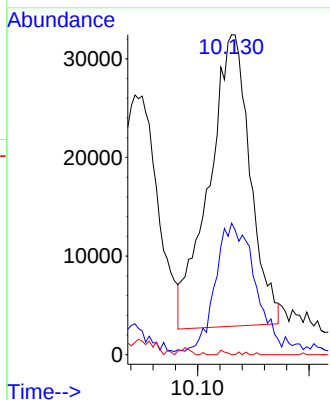
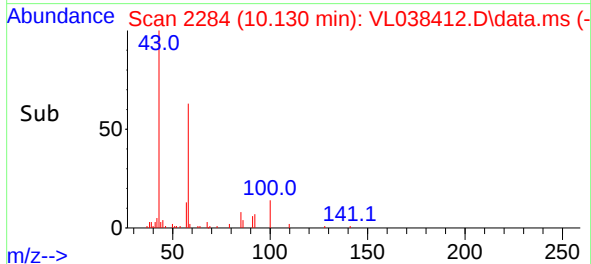
Instrument :
MSVOA_L
ClientSampleId :
MP-1



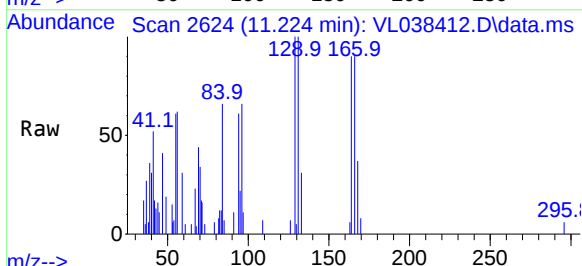
Tgt Ion: 43 Resp: 75720
Ion Ratio Lower Upper
43 100
58 45.9 37.4 56.0
98 0.0 0.1 0.1

Manual Integrations
APPROVED

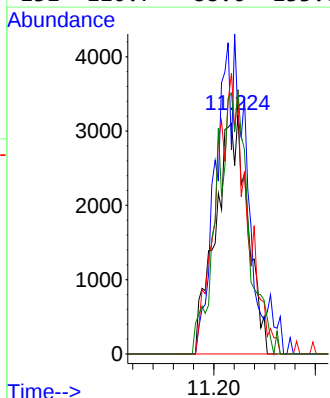
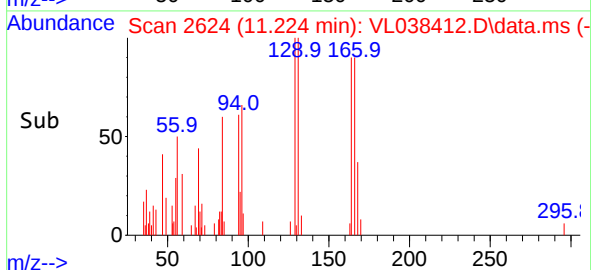
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

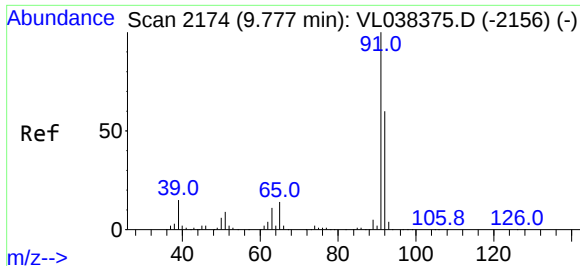


#52
Tetrachloroethene
Concen: 0.102 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. 0.029 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



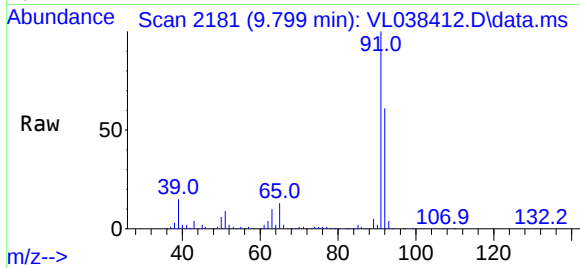
Tgt Ion:164 Resp: 7056
Ion Ratio Lower Upper
164 100
166 99.3 98.6 148.0
129 110.6 86.9 130.3
131 110.7 88.6 133.0





#53
Toluene
Concen: 11.626 ppbv
RT: 9.799 min Scan# 2174
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

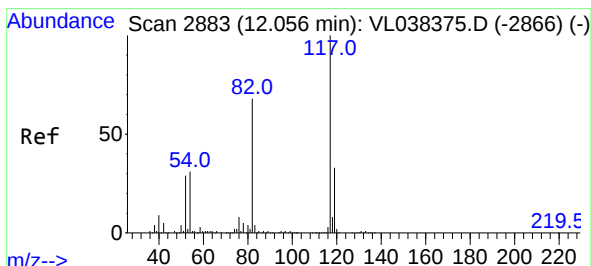
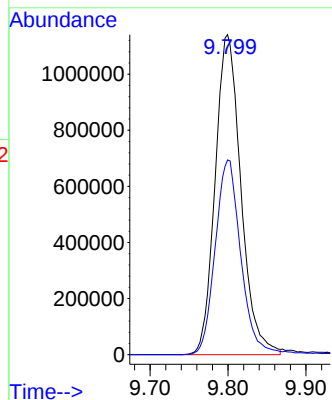
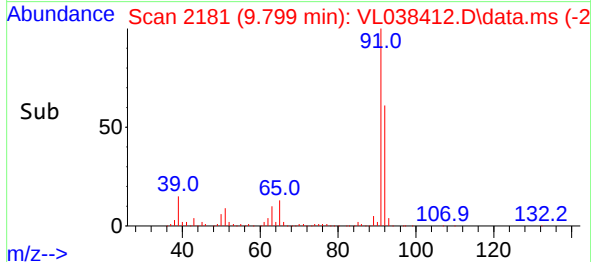
Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion: 91 Resp: 2623890
Ion Ratio Lower Upper
91 100
92 61.2 48.2 72.4

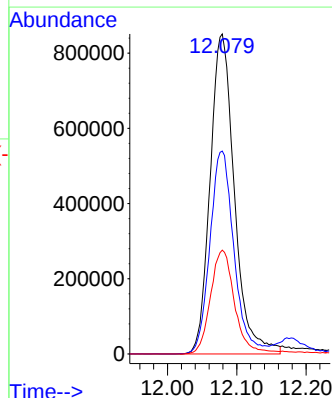
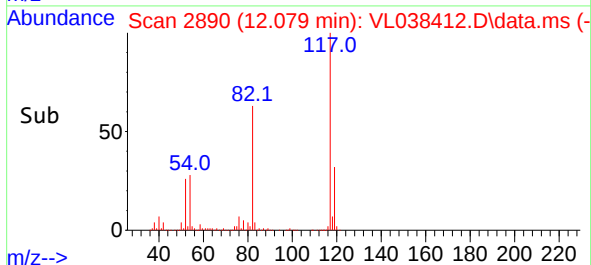
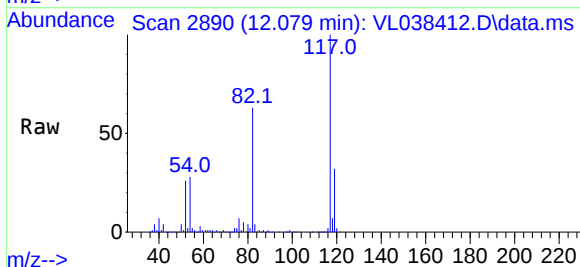
Manual Integrations
APPROVED

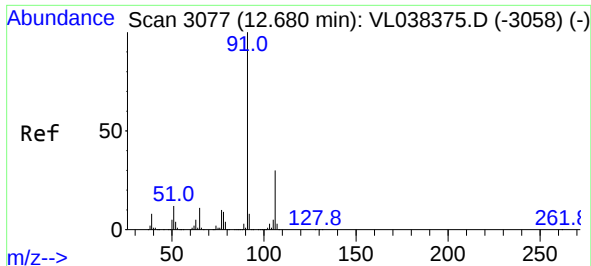
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Tgt Ion:117 Resp: 2072292
Ion Ratio Lower Upper
117 100
82 63.1 54.9 82.3
119 33.5 46.1 69.1#





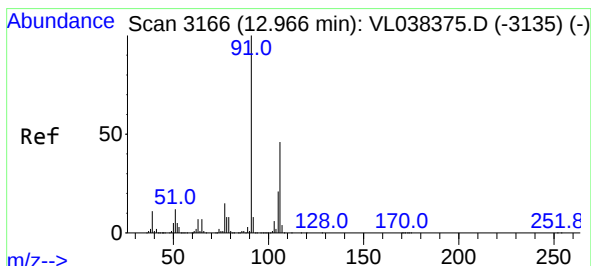
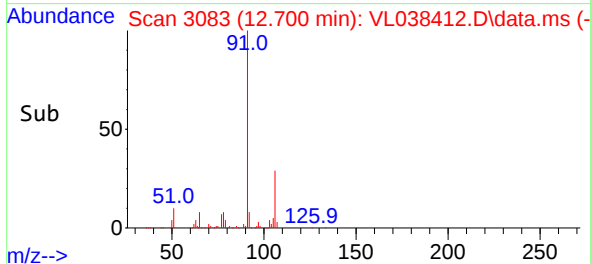
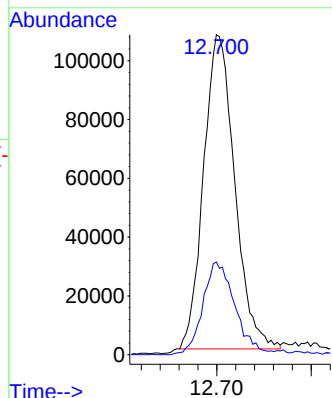
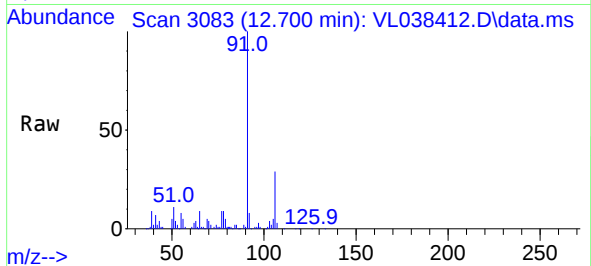
#58
Ethyl Benzene
Concen: 0.864 ppbv
RT: 12.700 min Scan# 3077
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1

Tgt Ion: 91 Resp: 24486
Ion Ratio Lower Upper
91 100
106 28.8 24.0 36.0

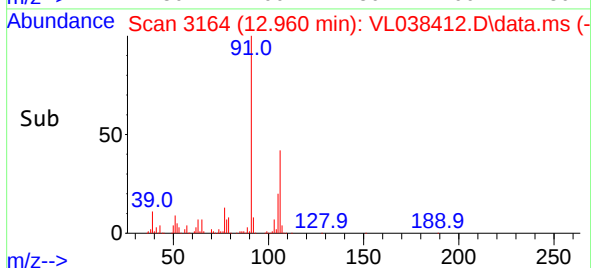
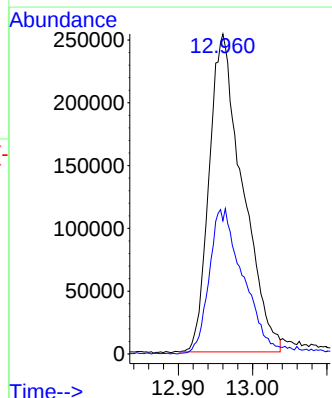
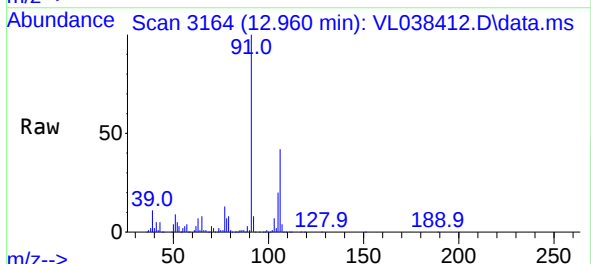
Manual Integrations
APPROVED

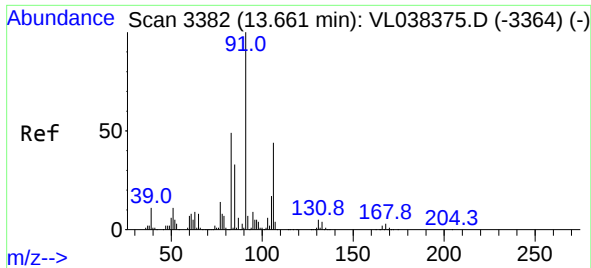
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#59
m/p-Xylene
Concen: 3.247 ppbv
RT: 12.960 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Tgt Ion: 91 Resp: 790246
Ion Ratio Lower Upper
91 100
106 47.8 34.4 51.6





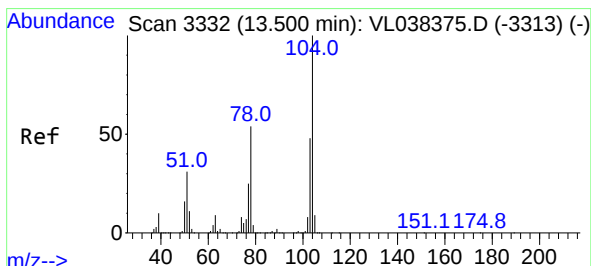
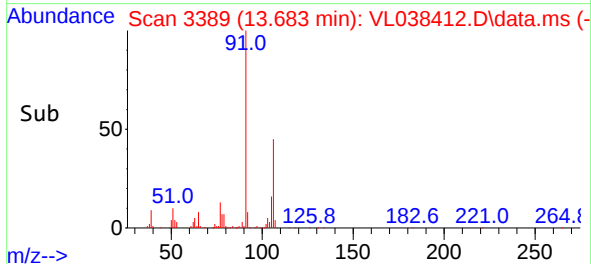
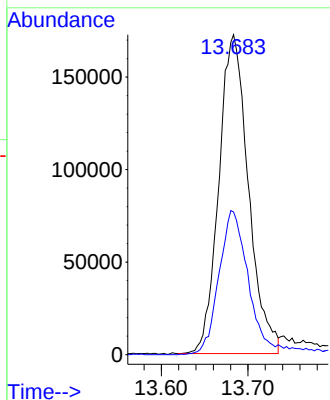
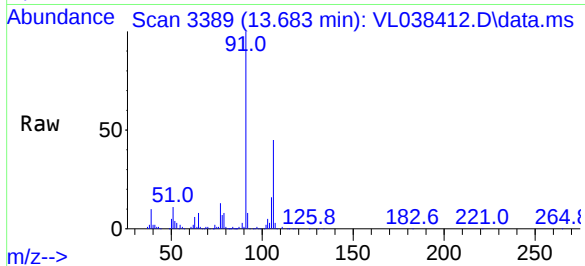
#60
o-Xylene
Concen: 1.777 ppbv
RT: 13.683 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1

Tgt Ion: 91 Resp: 408864
Ion Ratio Lower Upper
91 100
106 48.6 21.9 65.5

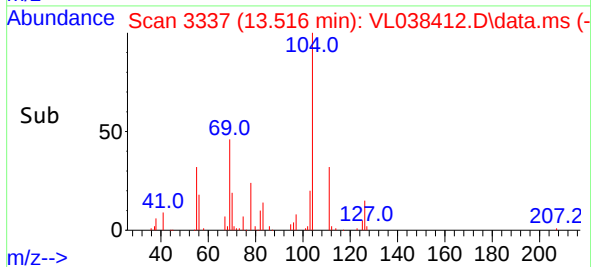
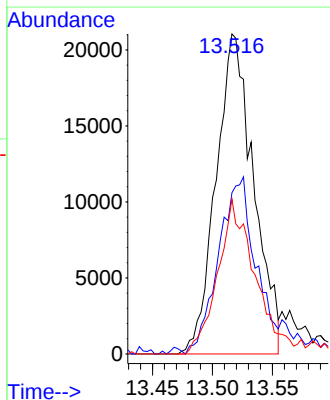
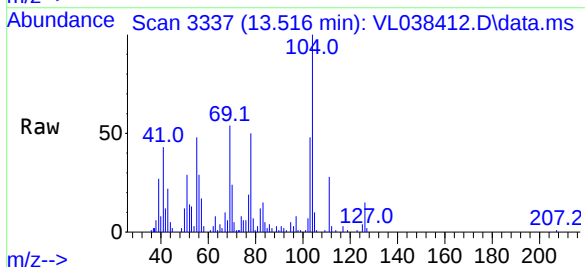
Manual Integrations
APPROVED

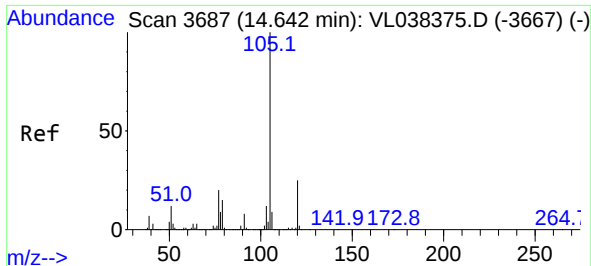
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#61
Styrene
Concen: 0.433 ppbv
RT: 13.516 min Scan# 3337
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

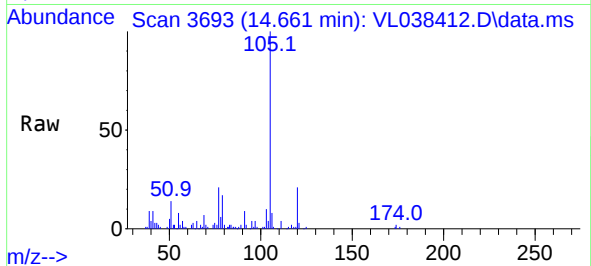
Tgt Ion:104 Resp: 45926
Ion Ratio Lower Upper
104 100
78 58.8 44.2 66.4
103 51.3 38.4 57.6





#62
Isopropylbenzene
Concen: 0.379 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

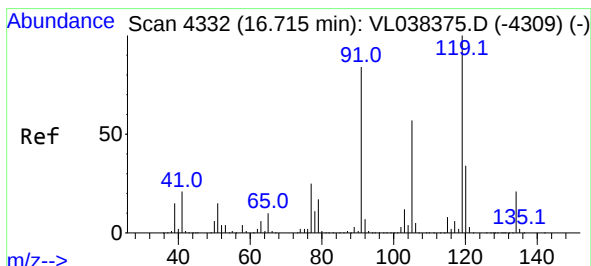
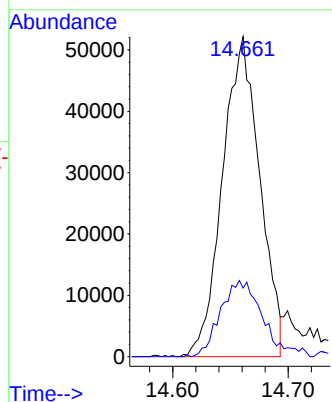
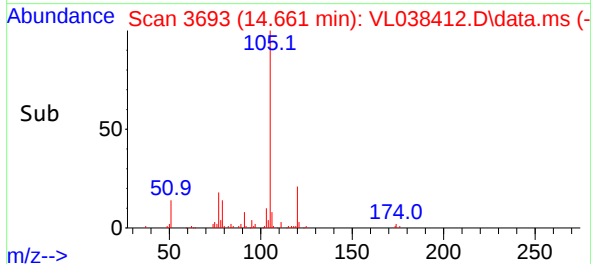
Instrument :
MSVOA_L
ClientSampleId :
MP-1



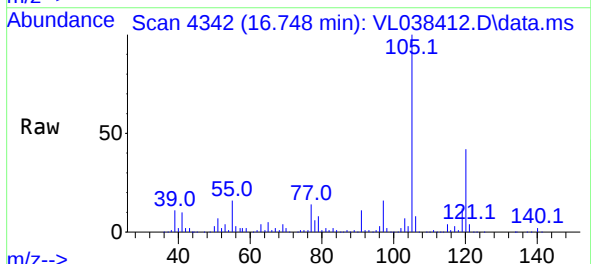
Tgt Ion:105 Resp: 11695
Ion Ratio Lower Upper
105 100
120 26.8 20.6 30.8

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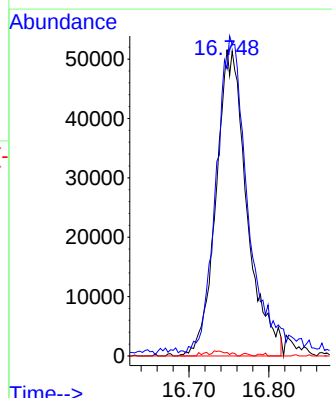
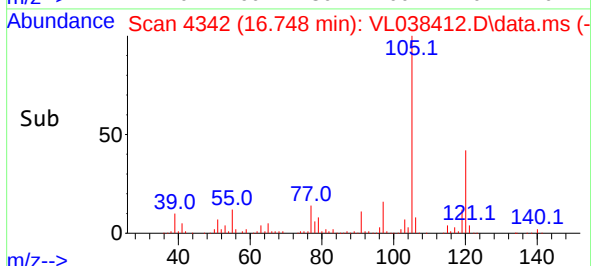
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

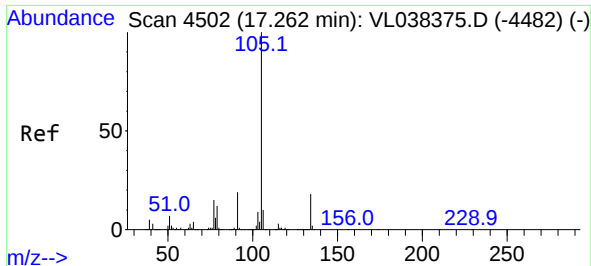


#65
tert-Butylbenzene
Concen: 0.518 ppbv m
RT: 16.748 min Scan# 4342
Delta R.T. 0.032 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



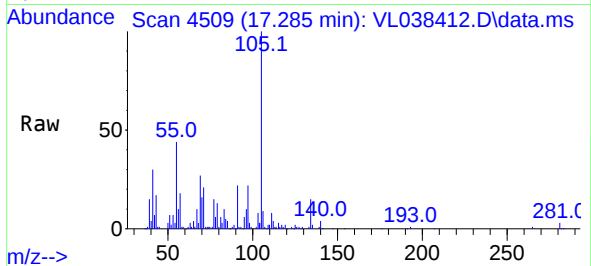
Tgt Ion:119 Resp: 138569
Ion Ratio Lower Upper
119 100
91 105.4 68.0 102.0#
134 0.0 15.8 23.8#





#67
 sec-Butylbenzene
 Concen: 0.436 ppbv
 RT: 17.285 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL038412.D
 Acq: 23 Feb 2022 17:40

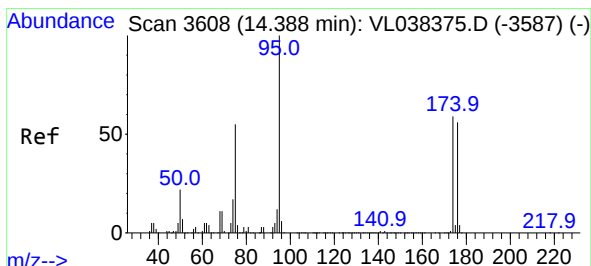
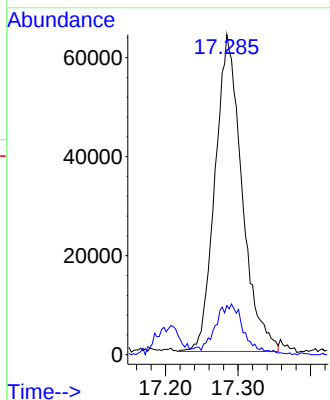
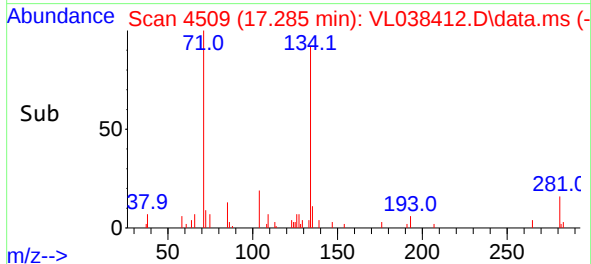
Instrument :
 MSVOA_L
 ClientSampleId :
 MP-1



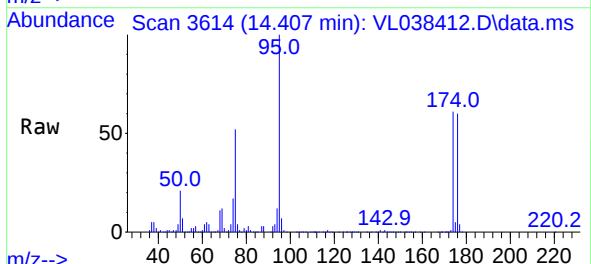
Tgt Ion:105 Resp: 165230
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.6 21.8

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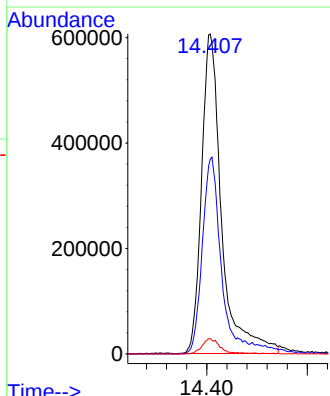
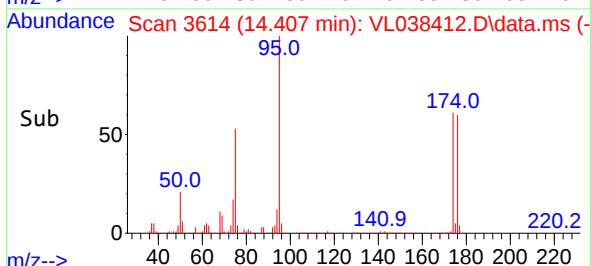
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

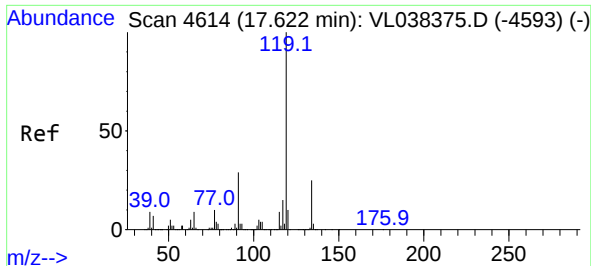


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.758 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. 0.019 min
 Lab File: VL038412.D
 Acq: 23 Feb 2022 17:40



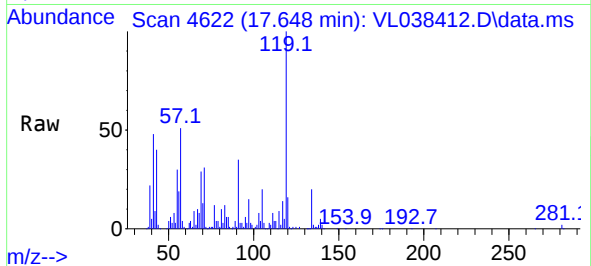
Tgt Ion: 95 Resp: 1673106
 Ion Ratio Lower Upper
 95 100
 174 61.2 49.0 73.4
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.434 ppbv
RT: 17.648 min Scan# 4119
Delta R.T. 0.026 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

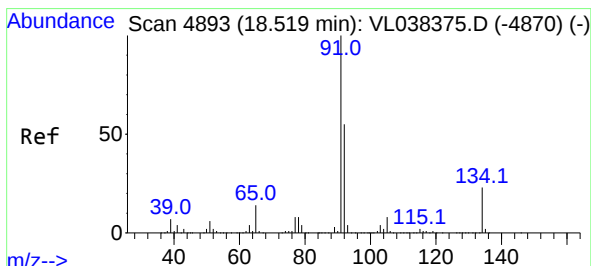
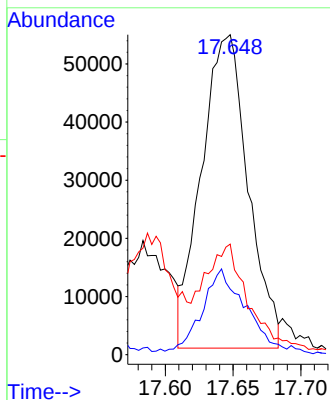
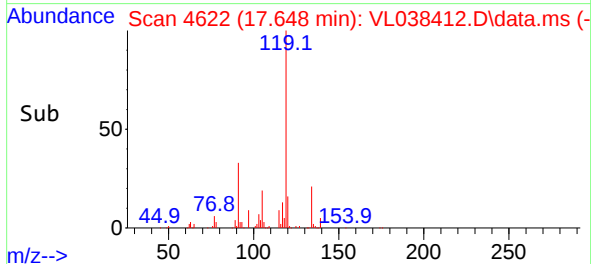
Instrument :
MSVOA_L
ClientSampleId :
MP-1



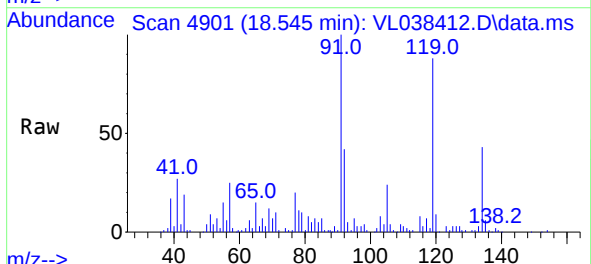
Tgt Ion: 119 Resp: 129100
Ion Ratio Lower Upper
119 100
134 27.1 20.4 30.6
91 34.5 23.8 35.8

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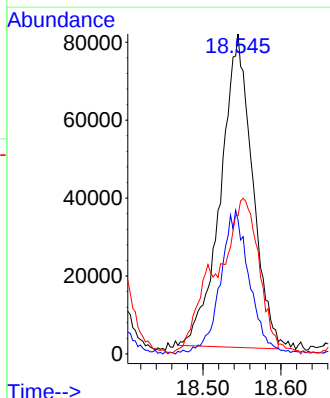
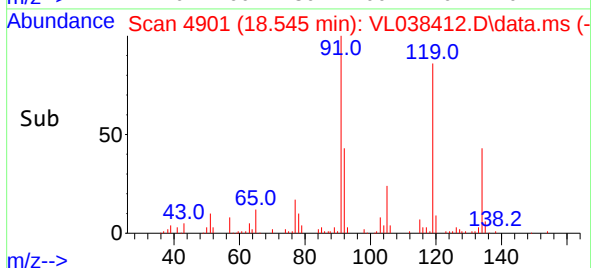
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

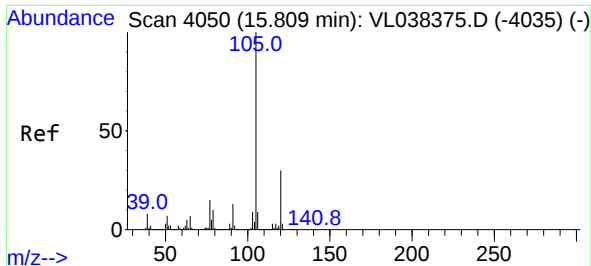


#70
n-Butylbenzene
Concen: 0.739 ppbv
RT: 18.545 min Scan# 4901
Delta R.T. 0.026 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



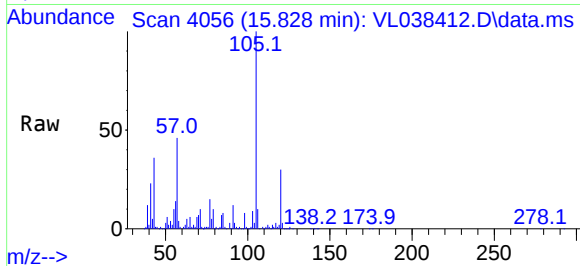
Tgt Ion: 91 Resp: 227527
Ion Ratio Lower Upper
91 100
92 42.5 43.1 64.7#
134 68.1 17.4 26.0#





#72
4-Ethyltoluene
Concen: 1.429 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

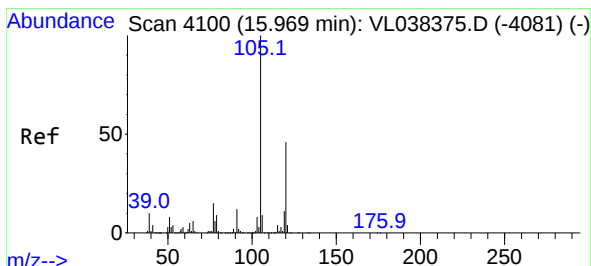
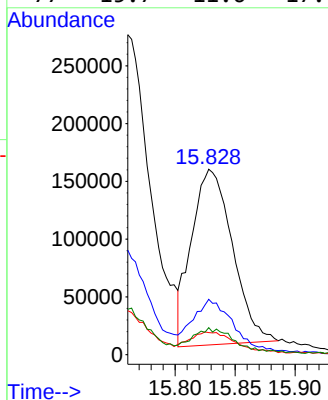
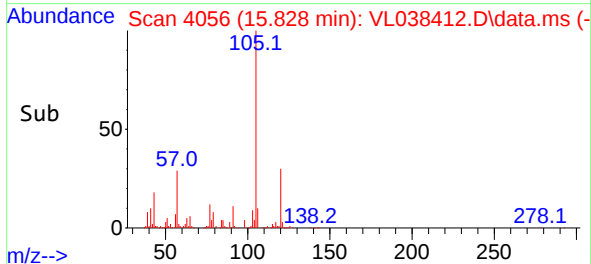
Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion:105 Resp: 36220
Ion Ratio Lower Upper
105 100
120 35.2 23.4 35.2
91 14.9 10.4 15.6
77 15.7 11.6 17.4

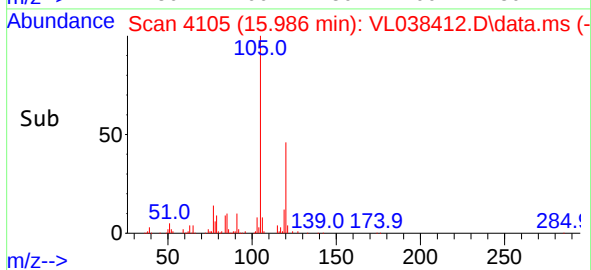
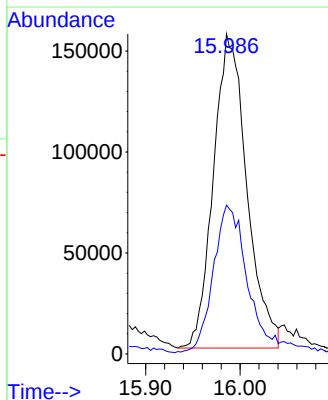
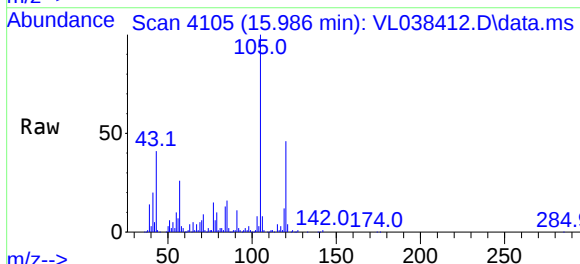
Manual Integrations
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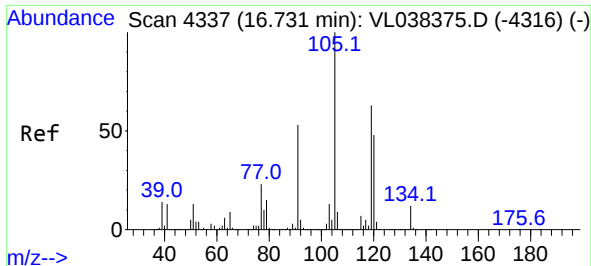
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#73
1,3,5-Trimethylbenzene
Concen: 1.656 ppbv
RT: 15.986 min Scan# 4105
Delta R.T. 0.016 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

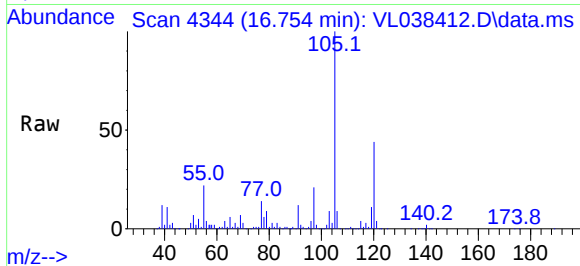
Tgt Ion:105 Resp: 381222
Ion Ratio Lower Upper
105 100
120 46.6 36.6 55.0





#74
1,2,4-Trimethylbenzene
Concen: 5.009 ppbv
RT: 16.754 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

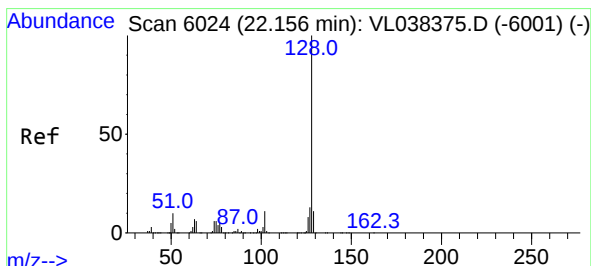
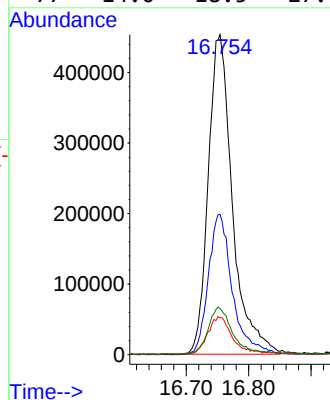
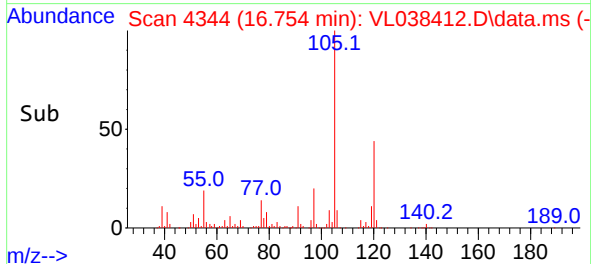
Instrument :
MSVOA_L
ClientSampleId :
MP-1



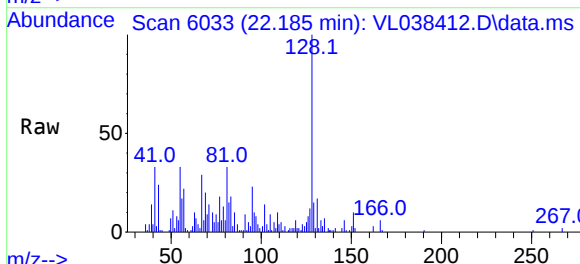
Tgt Ion:105 Resp: 121744
Ion Ratio Lower Upper
105 100
120 43.9 38.2 57.4
91 11.4 42.7 64.1
77 14.0 18.5 27.7#

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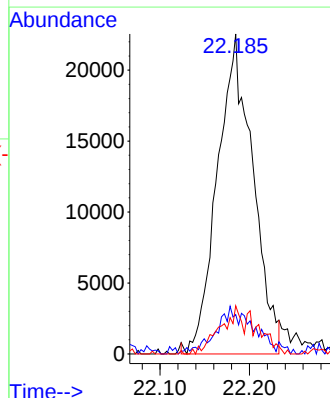
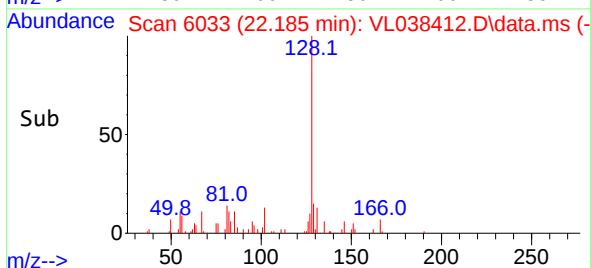
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

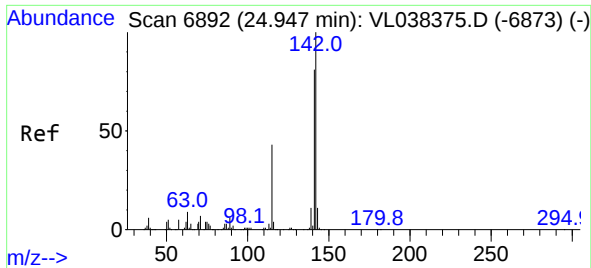


#79
Naphthalene
Concen: 0.470 ppbv m
RT: 22.185 min Scan# 6033
Delta R.T. 0.029 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40



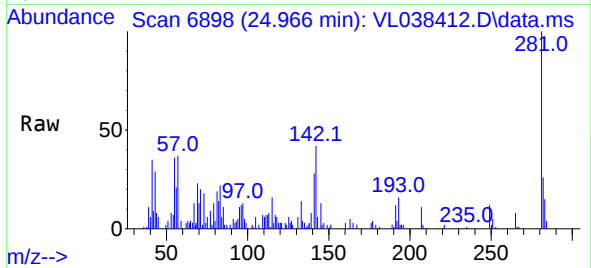
Tgt Ion:128 Resp: 61935
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 15.1 8.8 13.2#





#80
Naphthalene, 2-methyl-
Concen: 0.423 ppbv m
RT: 24.966 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL038412.D
Acq: 23 Feb 2022 17:40

Instrument :
MSVOA_L
ClientSampleId :
MP-1



Tgt Ion:	142	Resp:	1087
Ion	Ratio	Lower	Upper
142	100		
141	106.4	69.8	104.6
115	58.1	33.0	49.6

Manual Integrations
APPROVED

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

