

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
 Data File : VL038840.D
 Acq On : 7 Apr 2022 14:18
 Operator : SY/AP
 Sample : N2245-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BD-INDOORDUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

04/09/2022

Supervised By : Mahesh
 Dadoda

04/11/2022

Quant Time: Apr 08 05:24:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	D
-----							0
Internal Standards							
1) Bromochloromethane	5.684	49	1267687	10.000	ppbv	0.02	
33) 1,4-Difluorobenzene	7.195	114	3331456	10.000	ppbv	0.02	
55) Chlorobenzene-d5	12.101	117	2890307	10.000	ppbv	0.02	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.433	95	2245661	10.243	ppbv	0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane	3.063	85	53224	0.296	ppbv		97
3) Chlorodifluoromethane	3.005	51	96599	0.624	ppbv	#	87
4) Chloromethane	3.156	50	39893	0.498	ppbv		94
9) Propene	3.034	41	51171	0.625	ppbv	#	80
11) Trichlorofluoromethane	3.967	101	39018	0.270	ppbv	#	83
13) Ethanol	3.616	45	266811m	53.637	ppbv		
15) Acetone	3.864	43	582144	4.613	ppbv		97
19) Isopropyl Alcohol	3.992	45	75673m	1.173	ppbv		
20) Methylene Chloride	4.359	84	3158831	69.012	ppbv		95
26) Hexane	5.706	57	3341842	22.926	ppbv	#	39
30) Cyclohexane	7.147	84	20451m	0.159	ppbv		
34) 2-Butanone	5.263	43	36582m	0.278	ppbv		
35) Carbon Tetrachloride	7.037	117	14601m	0.073	ppbv		
36) Benzene	6.912	78	48421m	0.160	ppbv		
44) 2,2,4-Trimethylpentane	7.889	57	67800	0.132	ppbv	#	82
52) Tetrachloroethene	11.243	164	6078m	0.057	ppbv		
53) Toluene	9.825	91	126435	0.361	ppbv		97
59) m/p-Xylene	12.986	91	67072m	0.185	ppbv		
74) 1,2,4-Trimethylbenzene	16.777	105	73487	0.191	ppbv	#	70

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

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Misc : 400mL/MSVOA_L
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Instrument :
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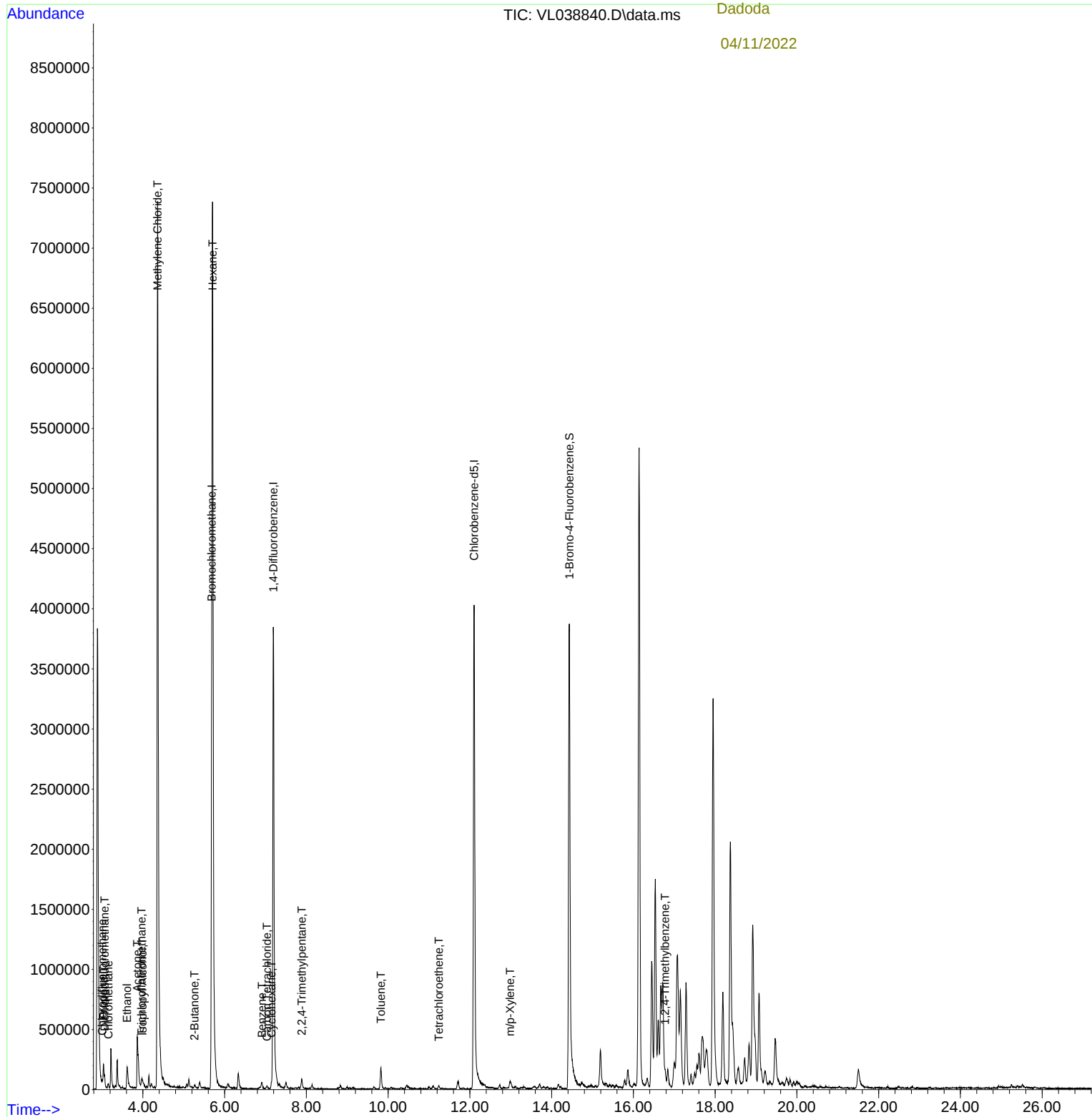
Quant Time: Apr 08 05:24:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

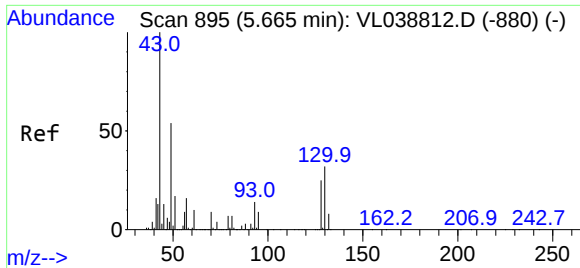
Manual Integrations
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Yesilyurt

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Dadoda

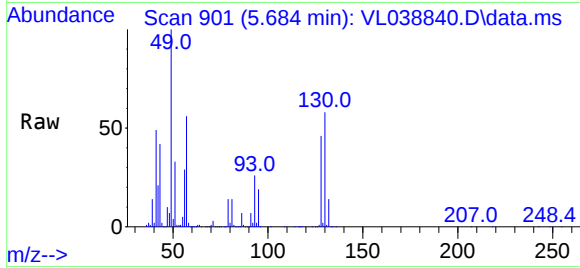
04/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.019 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
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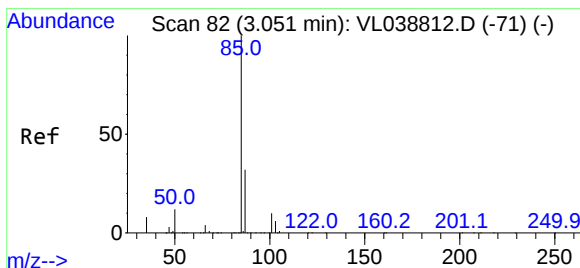
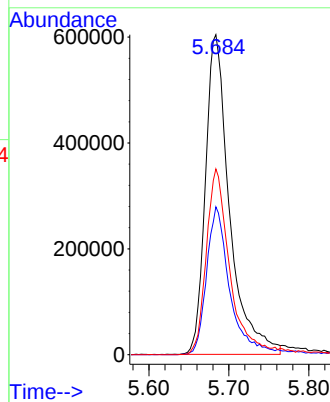
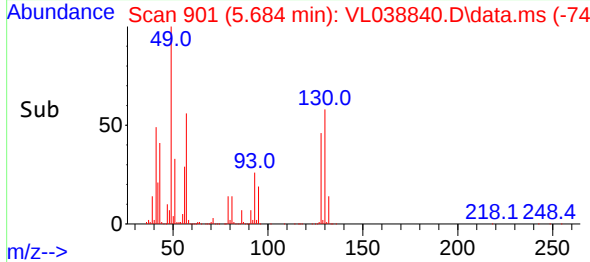
Tgt Ion: 49 Resp: 126768
Ion Ratio Lower Upper
49 100
128 46.2 24.1 72.3
130 58.8 30.9 92.8

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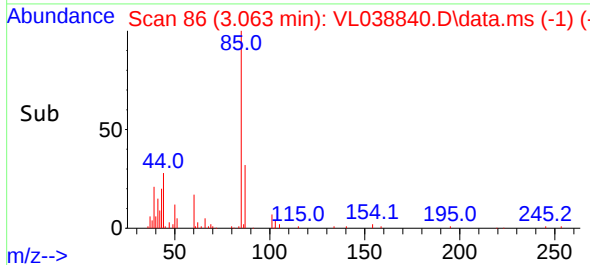
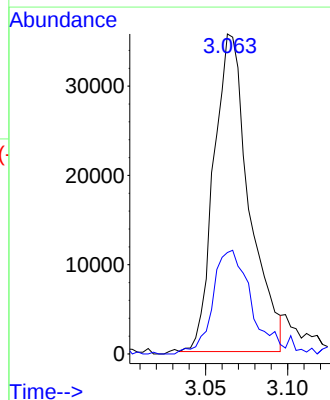
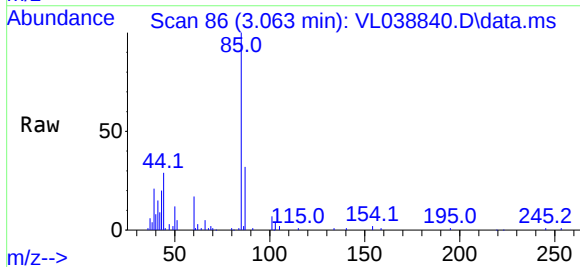
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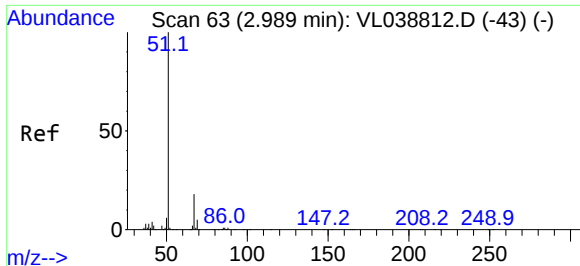
04/11/2022



#2
Dichlorodifluoromethane
Concen: 0.296 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.013 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Tgt Ion: 85 Resp: 53224
Ion Ratio Lower Upper
85 100
87 30.9 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.624 ppbv
RT: 3.005 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP

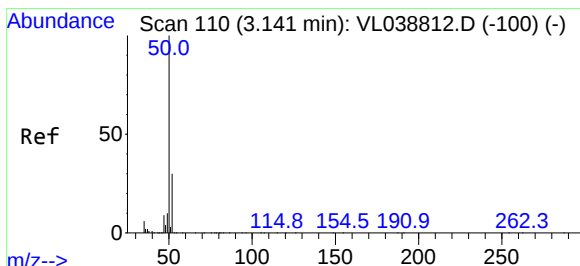
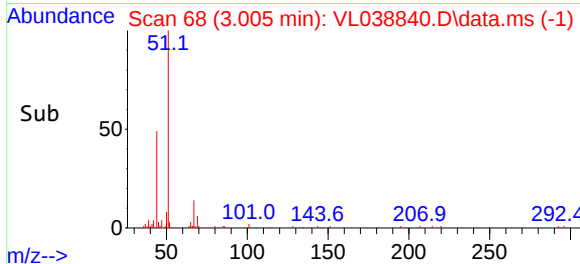
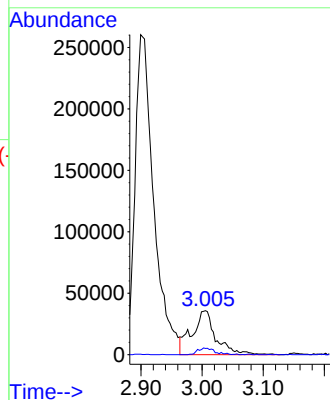
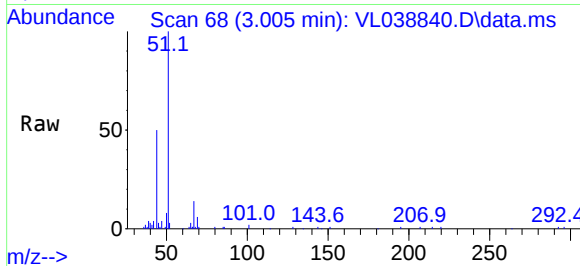
Tgt Ion: 51 Resp: 96599
Ion Ratio Lower Upper
51 100
67 11.0 13.4 20.0

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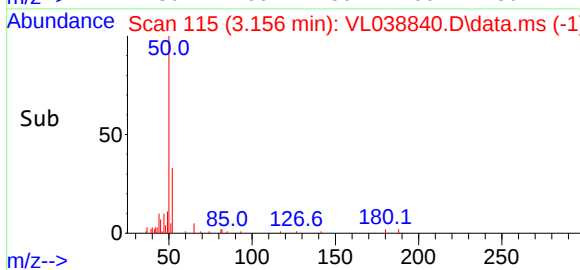
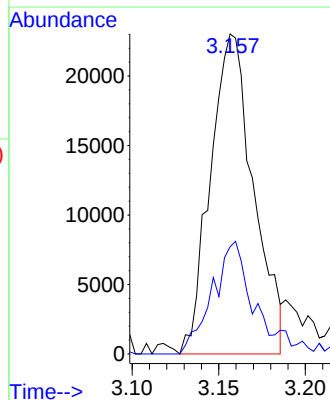
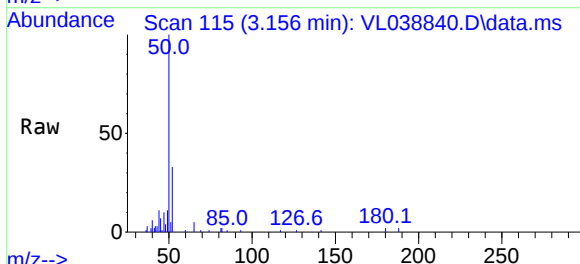
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Supervised By :Mahesh
Dadoda

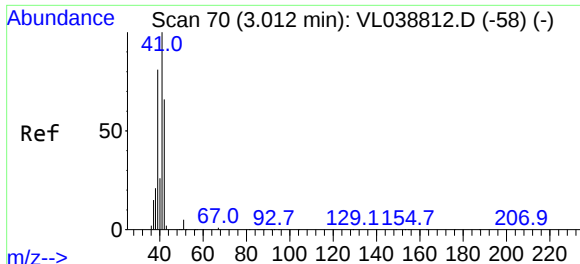
04/11/2022



#4
Chloromethane
Concen: 0.498 ppbv
RT: 3.156 min Scan# 115
Delta R.T. 0.016 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

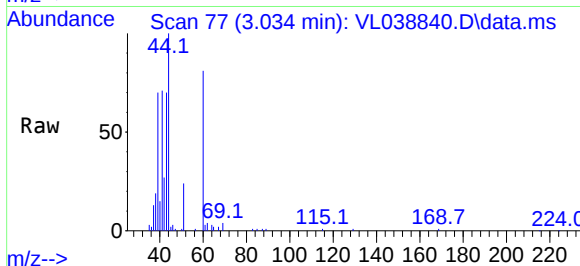
Tgt Ion: 50 Resp: 39893
Ion Ratio Lower Upper
50 100
52 33.5 24.3 36.5





#9
Propene
Concen: 0.625 ppbv
RT: 3.034 min Scan# 71
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP



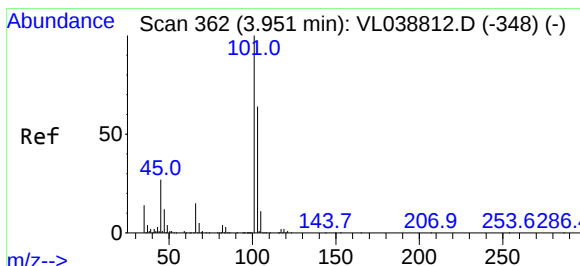
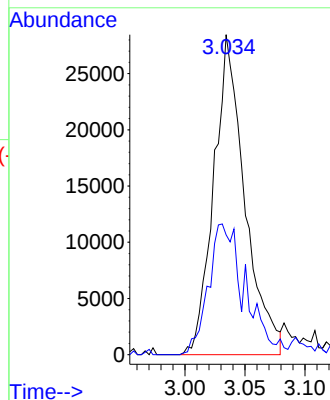
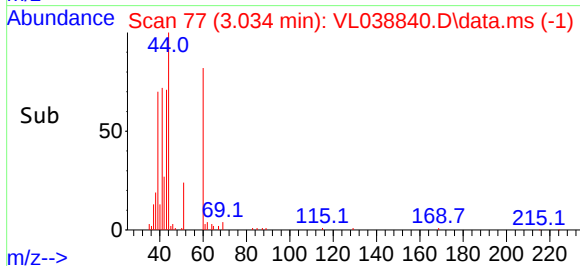
Tgt Ion: 41 Resp: 5117
Ion Ratio Lower Upper
41 100
42 51.6 54.2 81.4

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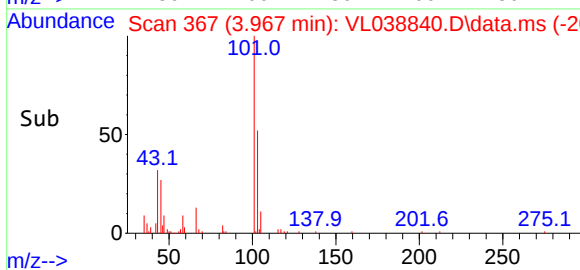
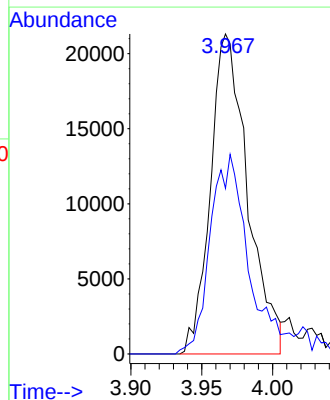
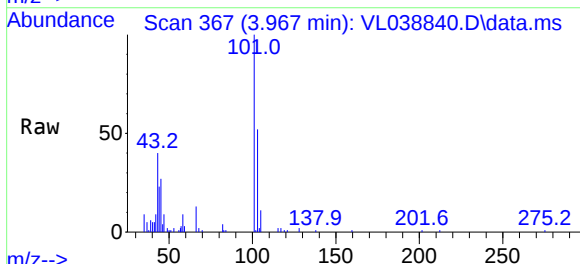
04/09/2022
Supervised By :Mahesh
Dadoda

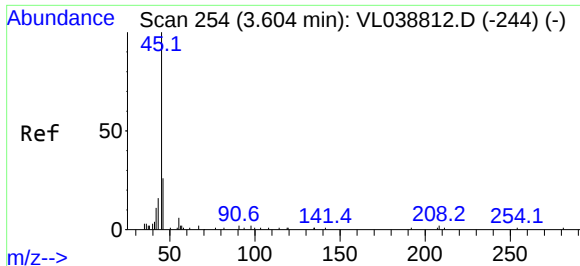
04/11/2022



#11
Trichlorofluoromethane
Concen: 0.270 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.016 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

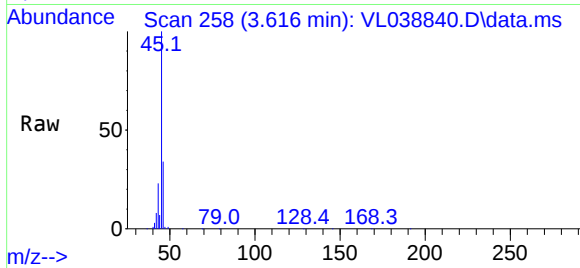
Tgt Ion:101 Resp: 39018
Ion Ratio Lower Upper
101 100
103 50.5 51.4 77.0





#13
Ethanol
Concen: 53.637 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP



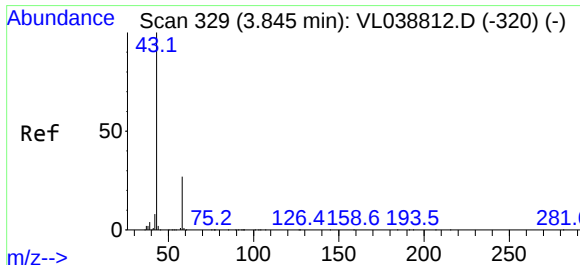
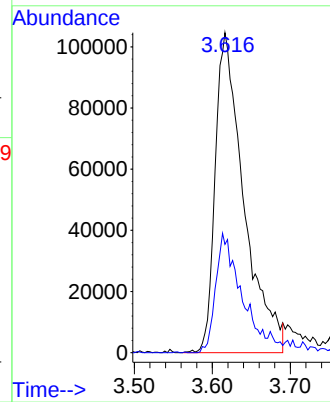
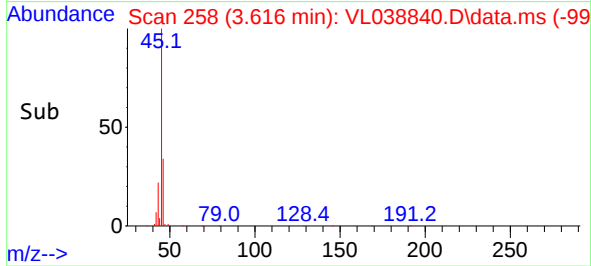
Tgt Ion: 45 Resp: 266811
Ion Ratio Lower Upper
45 100
46 36.7 0.0 0.0

Manual Integrations
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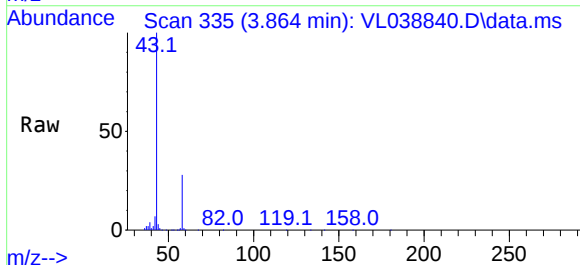
Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
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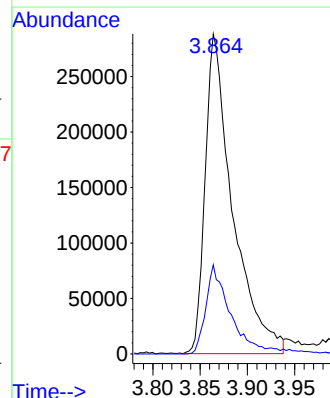
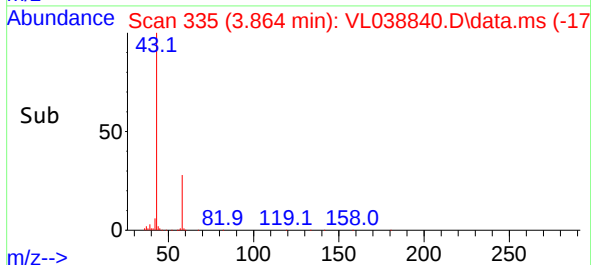
04/11/2022

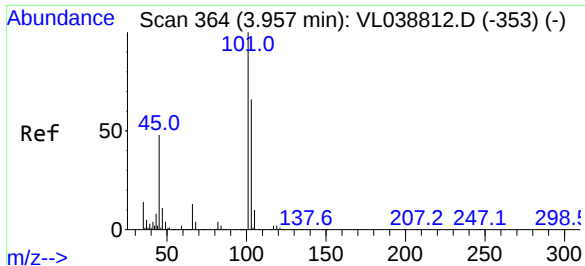


#15
Acetone
Concen: 4.613 ppbv
RT: 3.864 min Scan# 335
Delta R.T. 0.019 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18



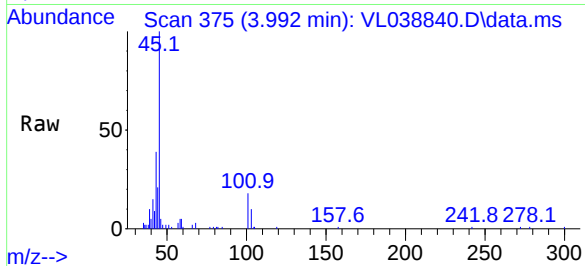
Tgt Ion: 43 Resp: 582144
Ion Ratio Lower Upper
43 100
58 26.3 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.173 ppbv m
RT: 3.992 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP



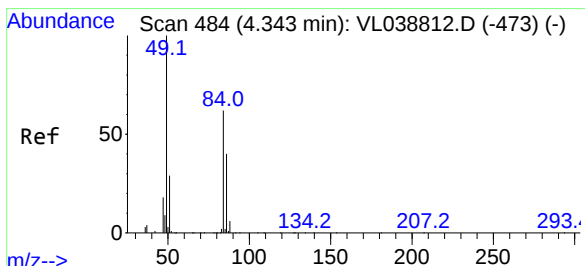
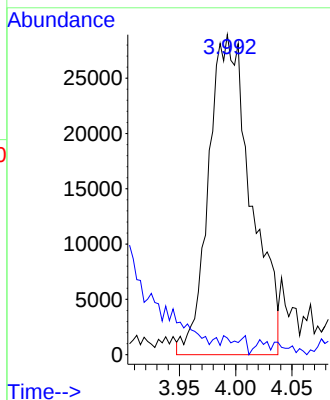
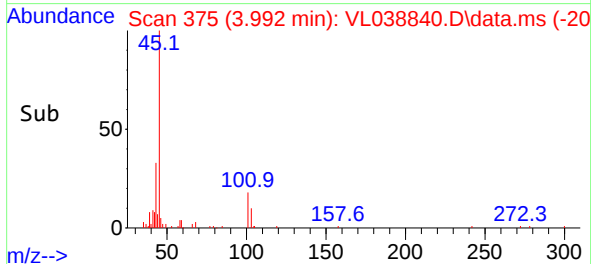
Tgt Ion: 45 Resp: 7567
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0

Manual Integrations
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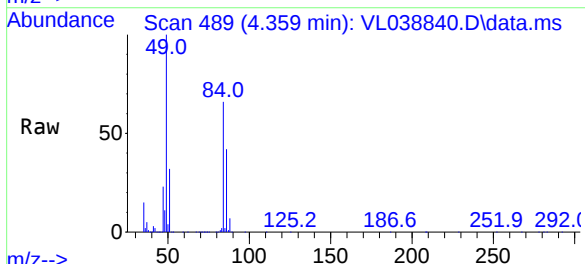
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Supervised By :Mahesh
Dadoda

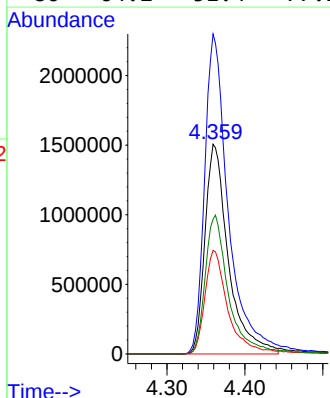
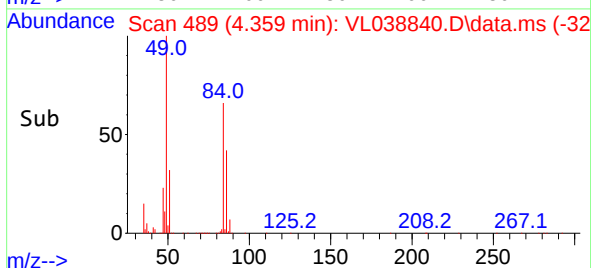
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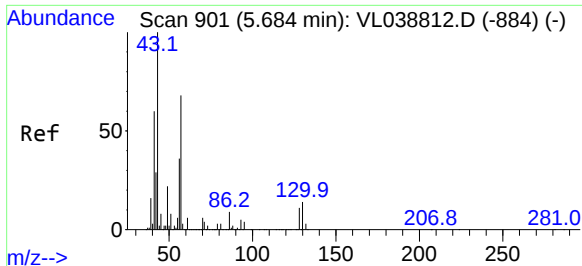


#20
Methylene Chloride
Concen: 69.012 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.016 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18



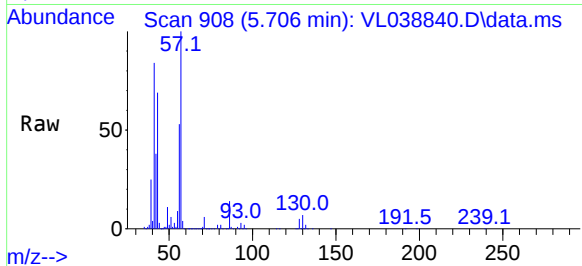
Tgt Ion: 84 Resp: 3158831
Ion Ratio Lower Upper
84 100
49 152.5 129.4 194.0
51 49.3 37.4 56.2
86 64.2 51.4 77.2





#26
Hexane
Concen: 22.926 ppbv
RT: 5.706 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

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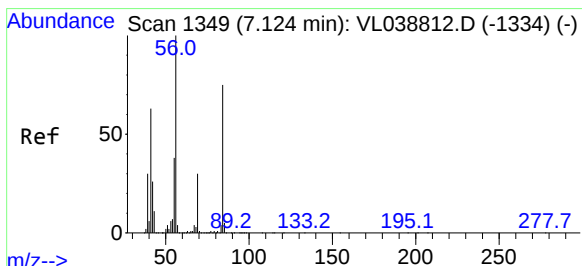
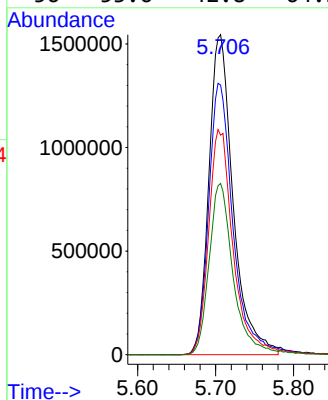
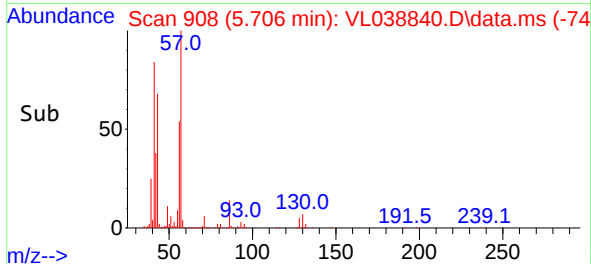
Tgt Ion: 57 Resp: 334184
Ion Ratio Lower Upper
57 100
41 86.3 72.0 108.0
43 71.8 186.6 280.0
56 53.6 42.8 64.2

Manual Integrations
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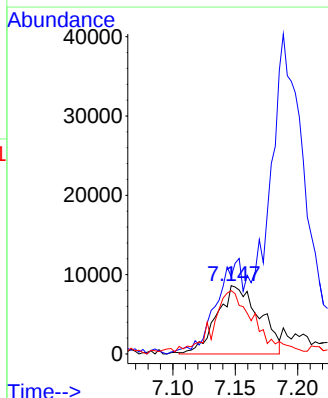
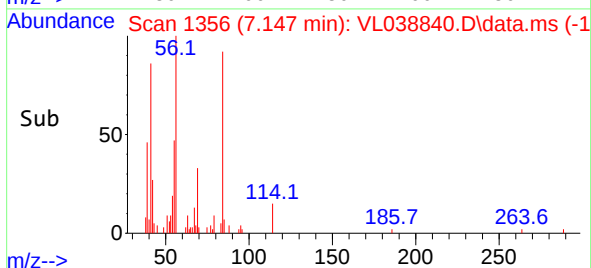
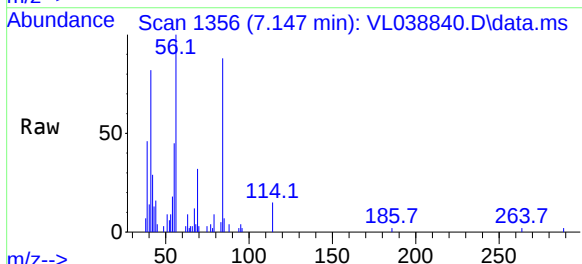
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Dadoda

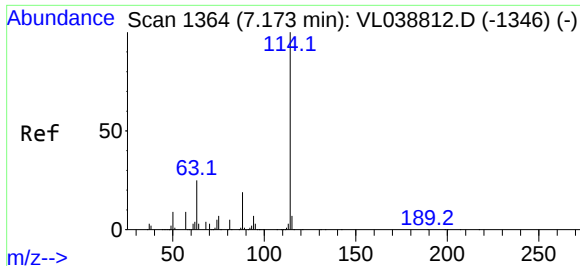
04/11/2022



#30
Cyclohexane
Concen: 0.159 ppbv m
RT: 7.147 min Scan# 1356
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Tgt Ion: 84 Resp: 20451
Ion Ratio Lower Upper
84 100
56 0.0 114.4 171.6
41 94.6 69.0 103.4





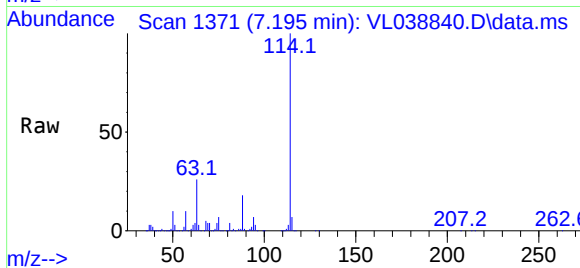
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 114
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :

MSVOA_L

ClientSampleId :

BD-INDOORDUP



Tgt Ion:114 Resp: 3331450
Ion Ratio Lower Upper
114 100
63 26.3 19.8 29.8
88 18.6 14.2 21.4

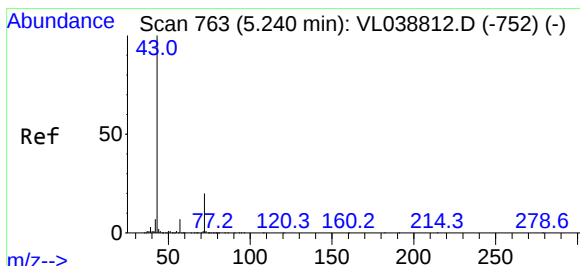
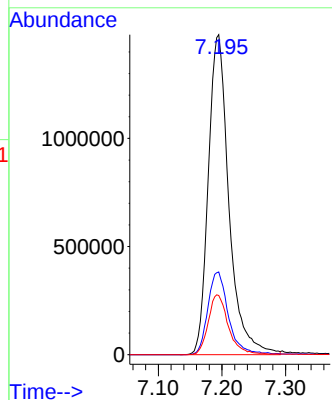
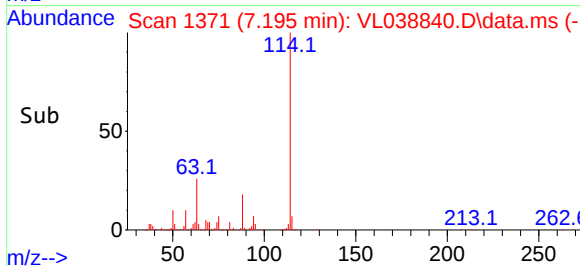
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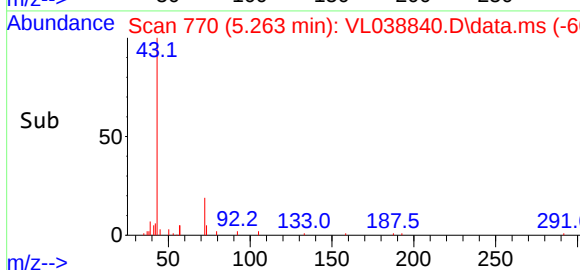
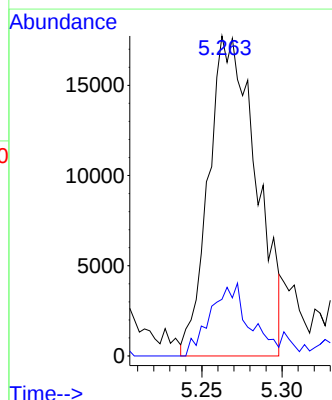
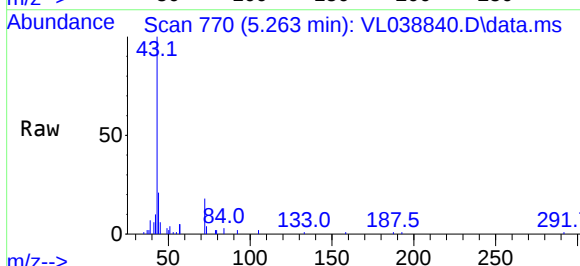
Supervised By :Mahesh
Dadoda

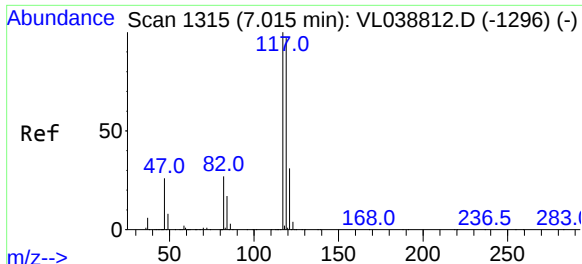
04/11/2022



#34
2-Butanone
Concen: 0.278 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

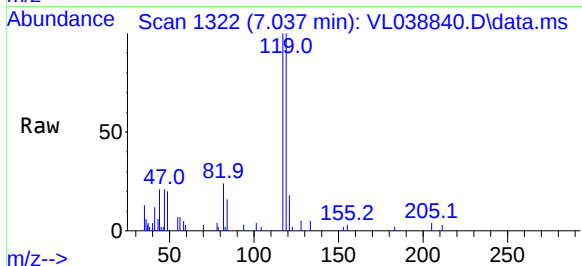
Tgt Ion: 43 Resp: 36582
Ion Ratio Lower Upper
43 100
72 23.8 16.9 25.3





#35
Carbon Tetrachloride
Concen: 0.073 ppbv m
RT: 7.037 min Scan# 117
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP



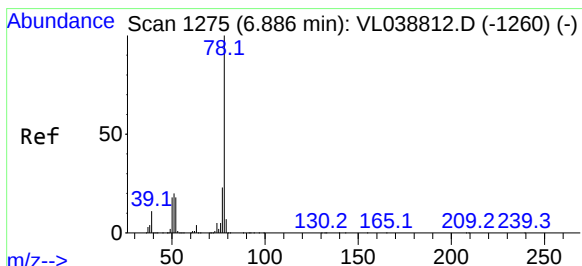
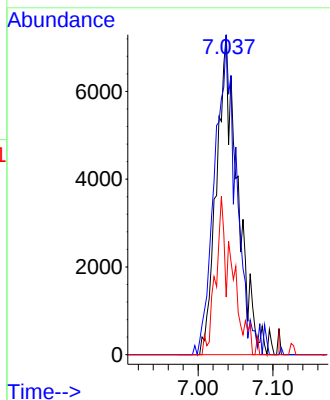
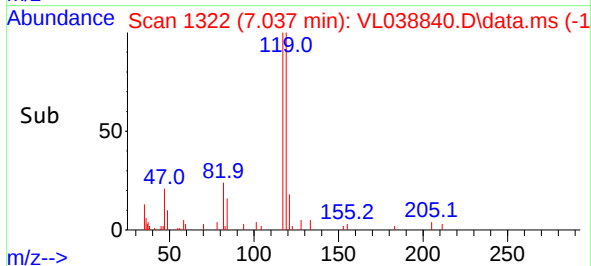
Tgt Ion: 117 Resp: 1460
Ion Ratio Lower Upper
117 100
119 100.1 77.7 116.5
121 18.0 24.5 36.7

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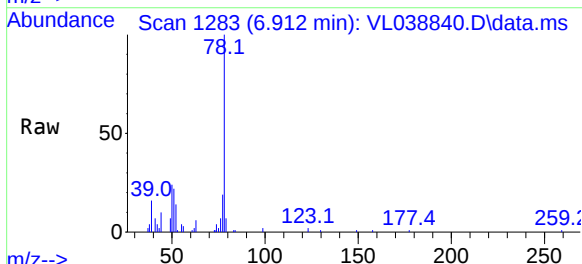
Reviewed By :Semsettin
Yesilyurt

04/09/2022
Supervised By :Mahesh
Dadoda

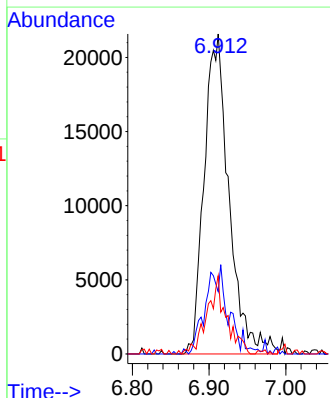
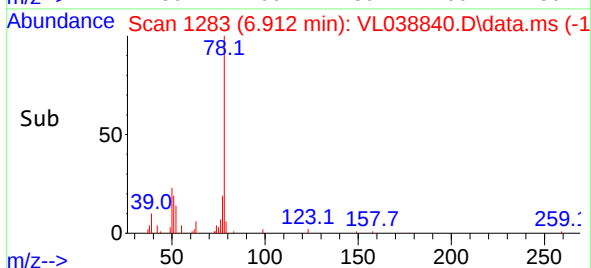
04/11/2022

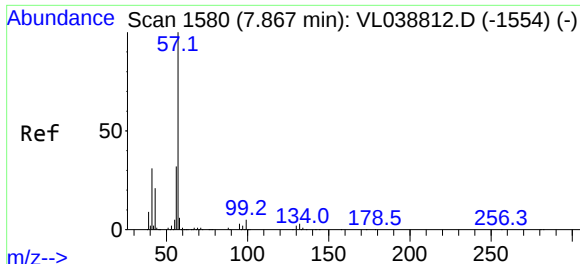


#36
Benzene
Concen: 0.160 ppbv m
RT: 6.912 min Scan# 1283
Delta R.T. 0.026 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18



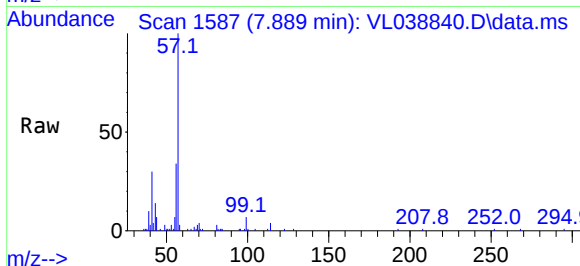
Tgt Ion: 78 Resp: 48421
Ion Ratio Lower Upper
78 100
77 19.5 18.2 27.2
50 24.4 14.0 21.0





#44
2,2,4-Trimethylpentane
Concen: 0.132 ppbv
RT: 7.889 min Scan# 1580
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
BD-INDOORDUP



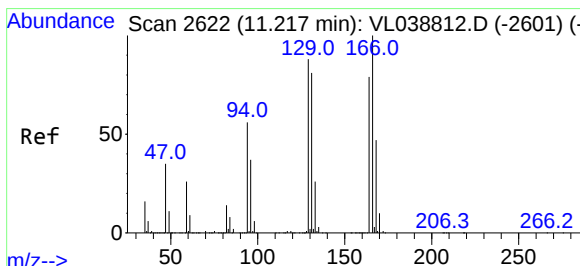
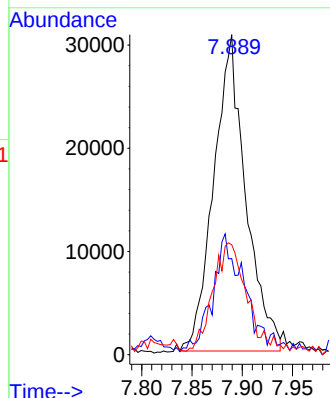
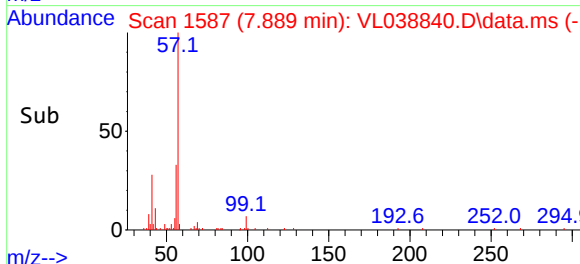
Tgt Ion: 57 Resp: 67800
Ion Ratio Lower Upper
57 100
41 41.9 25.0 37.4
56 41.0 25.3 37.9

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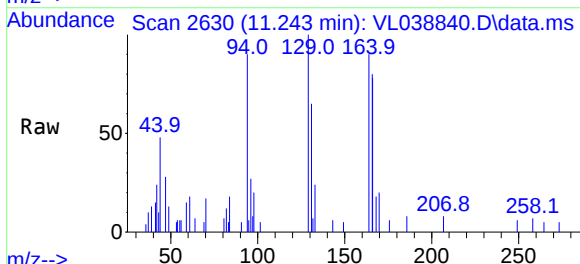
Reviewed By :Semsettin
Yesilyurt

04/09/2022
Supervised By :Mahesh
Dadoda

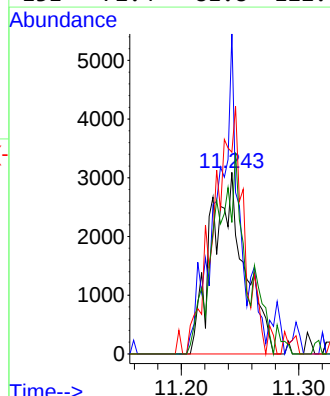
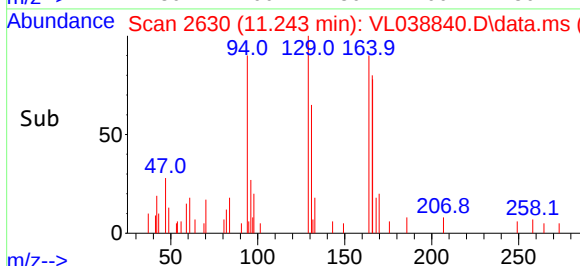
04/11/2022

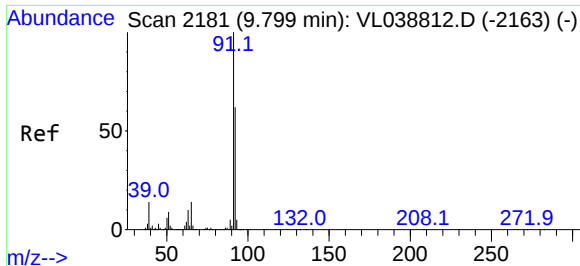


#52
Tetrachloroethene
Concen: 0.057 ppbv m
RT: 11.243 min Scan# 2630
Delta R.T. 0.026 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18



Tgt Ion:164 Resp: 6078
Ion Ratio Lower Upper
164 100
166 89.3 101.0 151.6#
129 111.1 88.7 133.1
131 72.4 81.8 122.6#





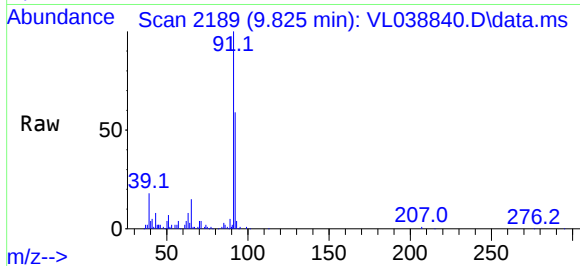
#53
Toluene
Concen: 0.361 ppbv
RT: 9.825 min Scan# 2181
Delta R.T. 0.026 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18

Instrument :

MSVOA_L

ClientSampleId :

BD-INDOORDUP



Tgt Ion: 91 Resp: 126435
Ion Ratio Lower Upper
91 100
92 63.6 49.2 73.8

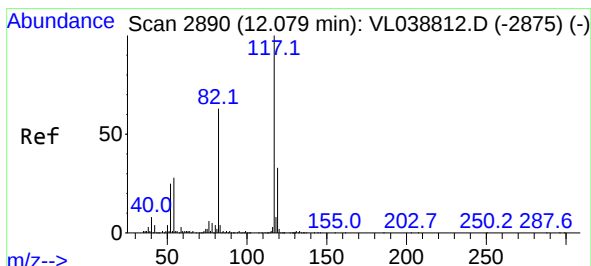
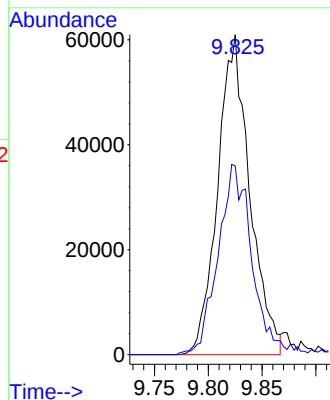
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Reviewed By :Semsettin
Yesilyurt

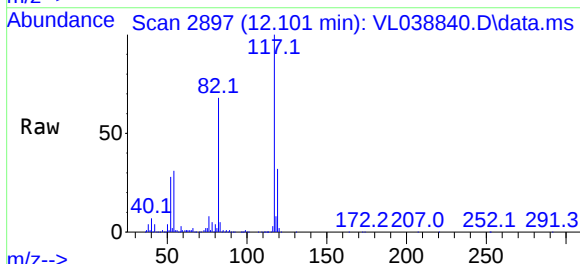
04/09/2022

Supervised By :Mahesh
Dadoda

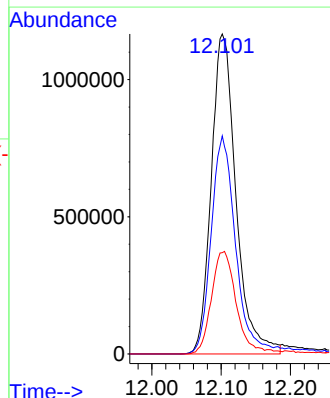
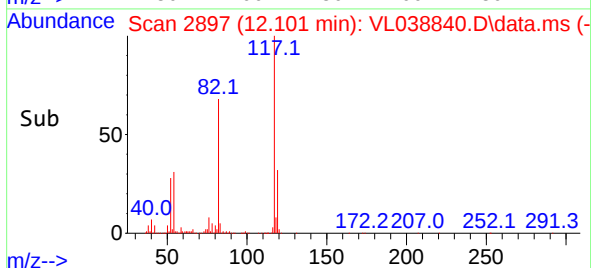
04/11/2022

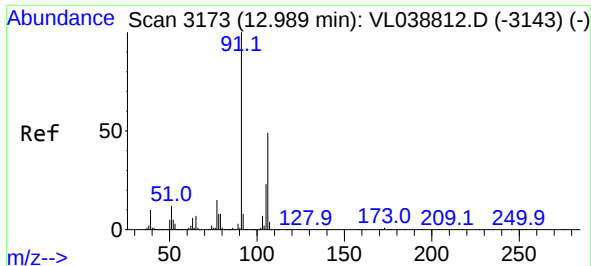


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.101 min Scan# 2897
Delta R.T. 0.022 min
Lab File: VL038840.D
Acq: 7 Apr 2022 14:18



Tgt Ion:117 Resp: 2890307
Ion Ratio Lower Upper
117 100
82 71.4 53.0 79.6
119 33.9 24.9 37.3





#59

m/p-Xylene

Concen: 0.185 ppbv

RT: 12.986 min Scan# 3173

Delta R.T. -0.003 min

Lab File: VL038840.D

Acq: 7 Apr 2022 14:18

Instrument :

MSVOA_L

ClientSampleId :

BD-INDOORDUP

Tgt Ion: 91 Resp: 67072
 Ion Ratio Lower Upper
 91 100
 106 0.0 37.1 55.7

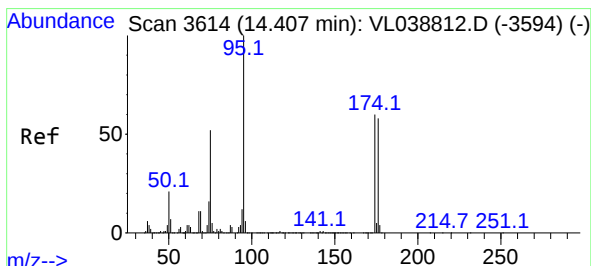
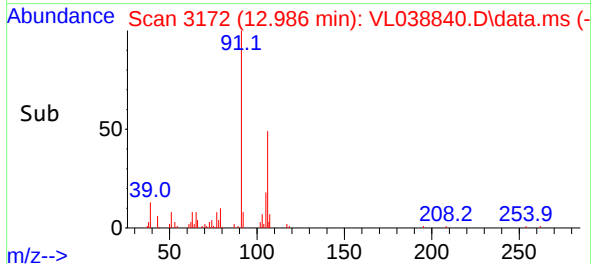
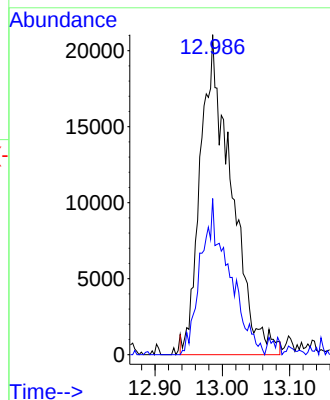
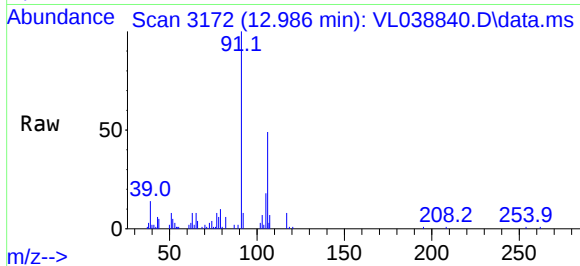
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Reviewed By :Semsettin
 Yesilyurt

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Supervised By :Mahesh
 Dadoda

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.243 ppbv

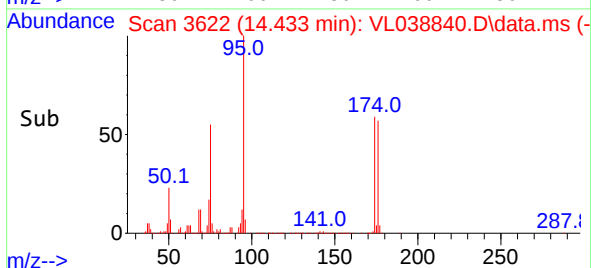
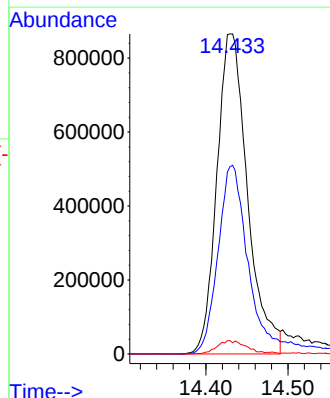
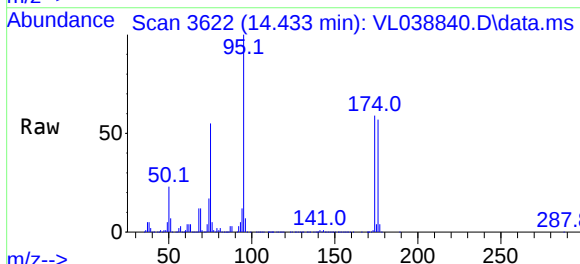
RT: 14.433 min Scan# 3622

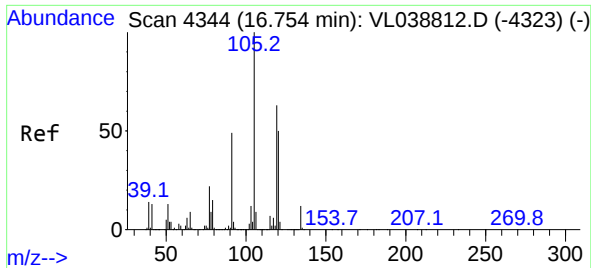
Delta R.T. 0.026 min

Lab File: VL038840.D

Acq: 7 Apr 2022 14:18

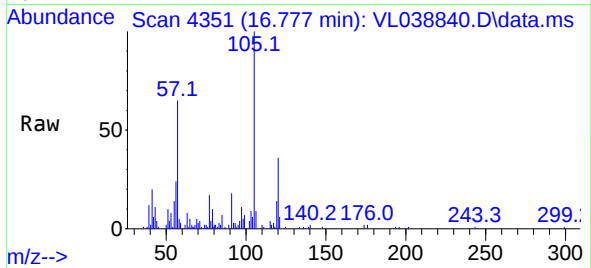
Tgt Ion: 95 Resp: 2245661
 Ion Ratio Lower Upper
 95 100
 174 62.5 52.0 78.0
 175 4.2 4.0 6.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.191 ppbv
 RT: 16.777 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: VL038840.D
 Acq: 7 Apr 2022 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 BD-INDOORDUP



Tgt Ion:	105	Resp:	7348
Ion Ratio	Lower	Upper	
105	100		
120	35.8	39.8	59.8
91	17.1	39.4	59.0
77	15.2	17.3	25.9

Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

04/09/2022
 Supervised By :Mahesh
 Dadoda

04/11/2022

