

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038791.D
 Acq On : 29 Mar 2022 4:16
 Operator : SY/AP
 Sample : N2136-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:15:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	902336	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2547207	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2243637	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1620561	9.421	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.050	85	15388m	0.127	ppbv	
3) Chlorodifluoromethane	2.986	51	12391m	0.130	ppbv	
4) Chloromethane	3.147	50	5668m	0.108	ppbv	
9) Propene	3.025	41	13520	0.294	ppbv	84
13) Ethanol	3.613	45	25591	5.042	ppbv	83
15) Acetone	3.867	43	64958	0.834	ppbv	93
19) Isopropyl Alcohol	3.996	45	17050m	0.395	ppbv	
20) Methylene Chloride	4.349	84	11436m	0.349	ppbv	
26) Hexane	5.681	57	10171m	0.116	ppbv	
34) 2-Butanone	5.259	43	15929m	0.158	ppbv	
53) Toluene	9.796	91	22717	0.108	ppbv	99

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

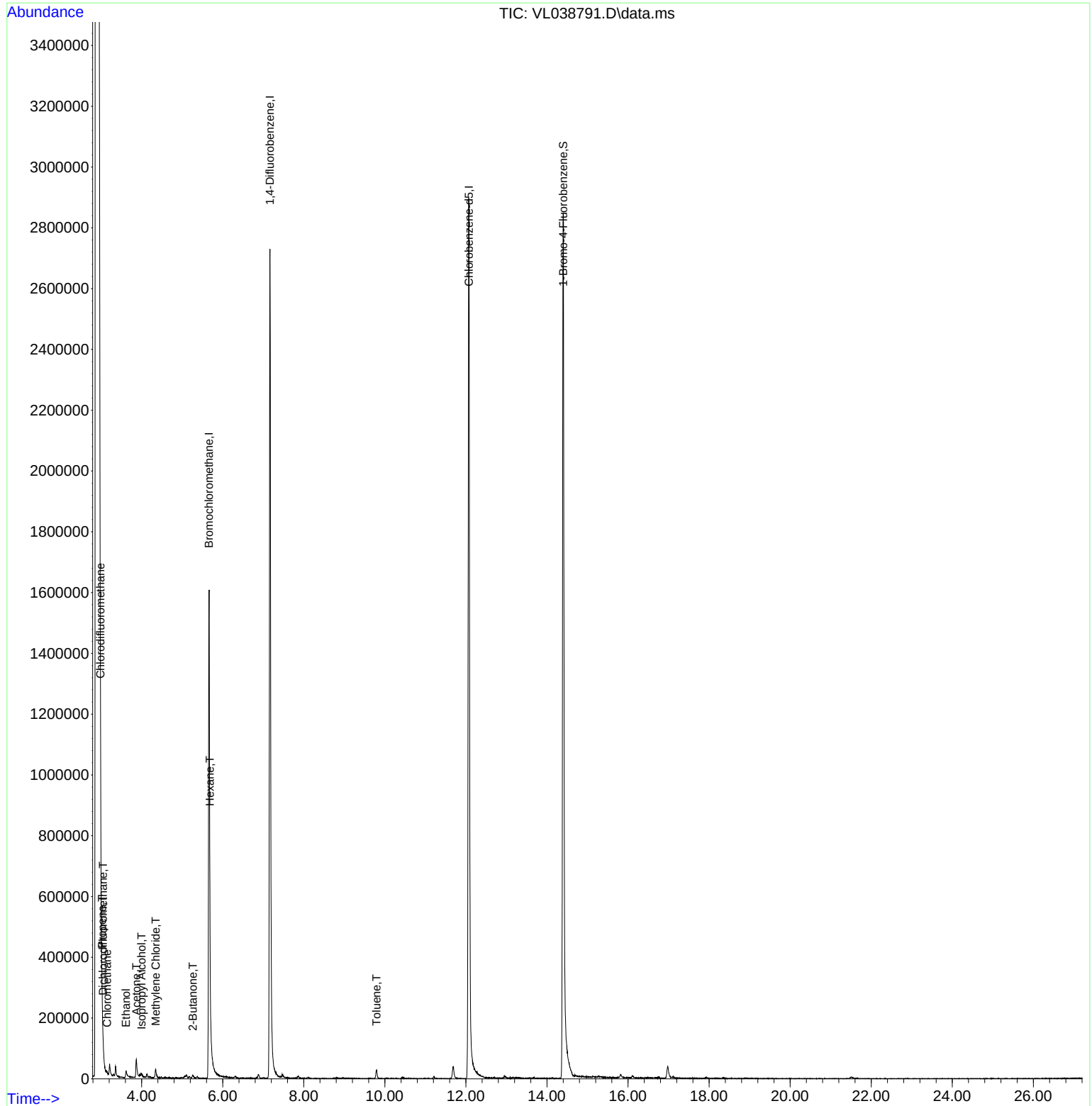
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038791.D
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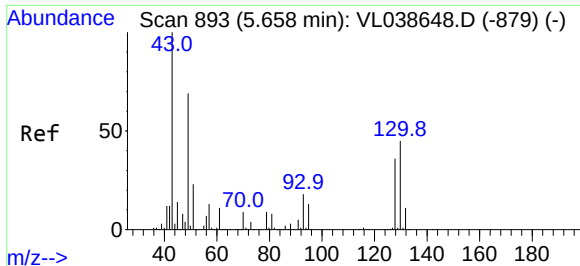
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Quant Time: Mar 29 06:15:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
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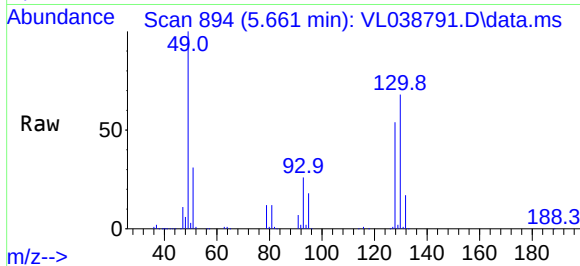
Reviewed By : Semsettin Yesilyurt 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

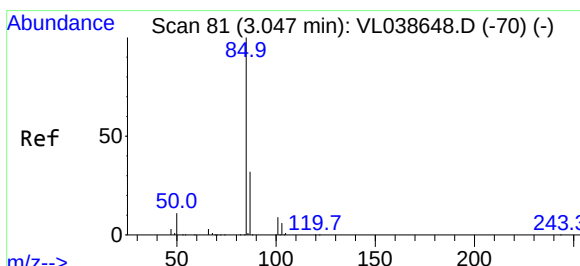
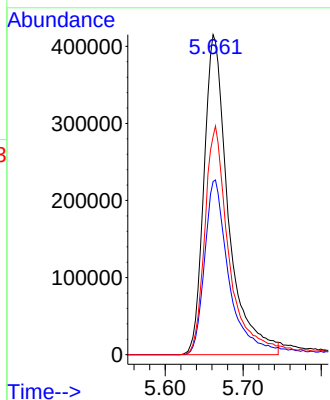
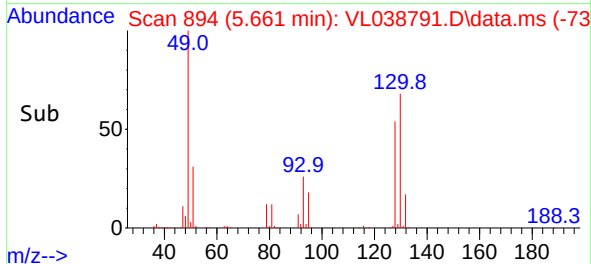
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 902330
Ion Ratio Lower Upper
49 100
128 57.7 26.2 78.6
130 75.0 33.7 101.1

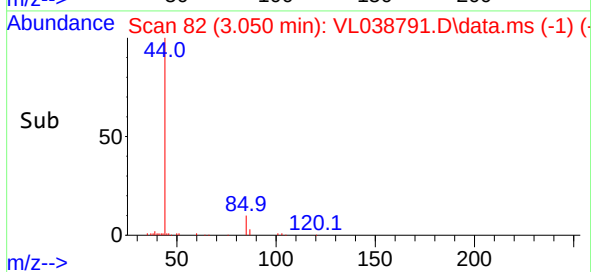
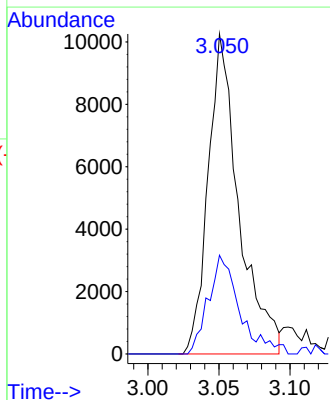
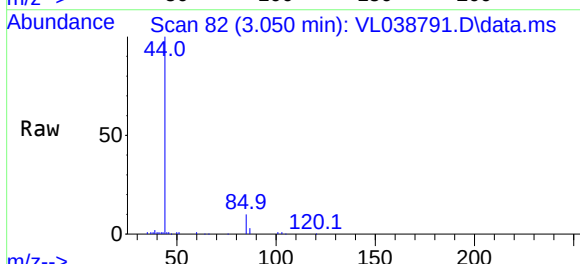
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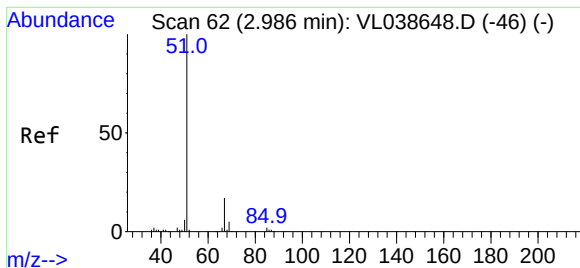
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#2
Dichlorodifluoromethane
Concen: 0.127 ppbv m
RT: 3.050 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

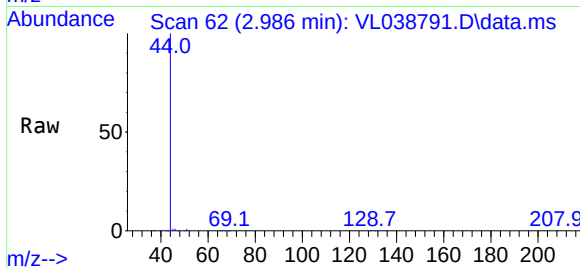
Tgt Ion: 85 Resp: 15388
Ion Ratio Lower Upper
85 100
87 30.9 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.130 ppbv m
RT: 2.986 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

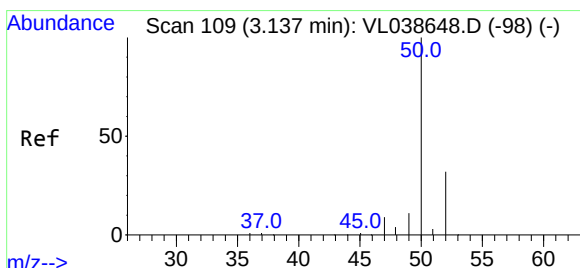
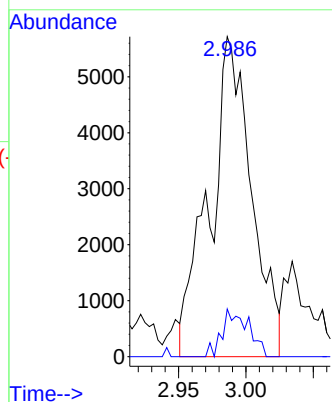
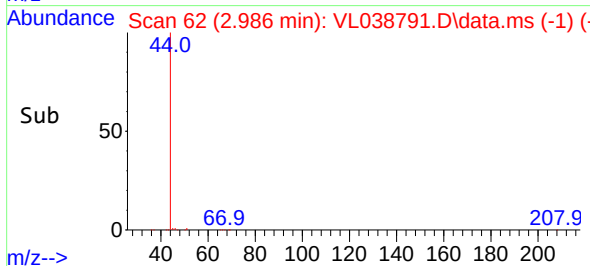
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



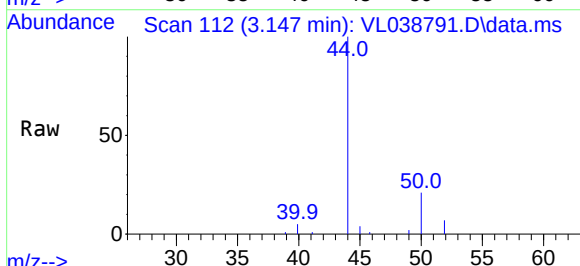
Tgt Ion: 51 Resp: 1239
Ion Ratio Lower Upper
51 100
67 9.2 14.1 21.1

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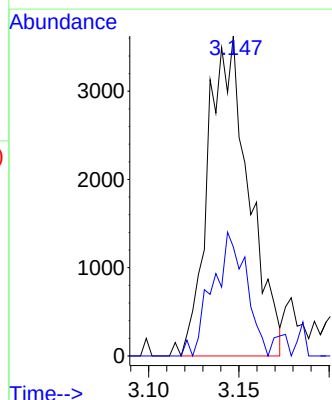
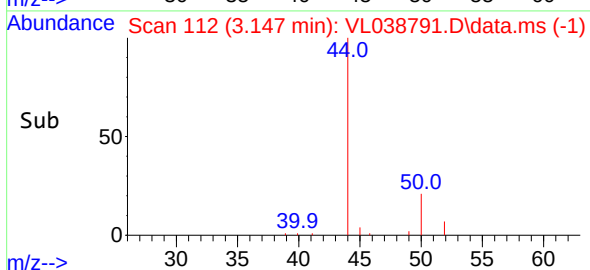
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

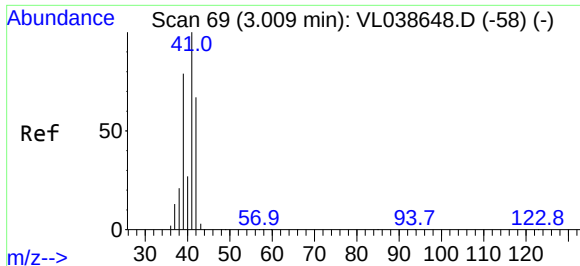


#4
Chloromethane
Concen: 0.108 ppbv m
RT: 3.147 min Scan# 112
Delta R.T. 0.010 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16



Tgt Ion: 50 Resp: 5668
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3





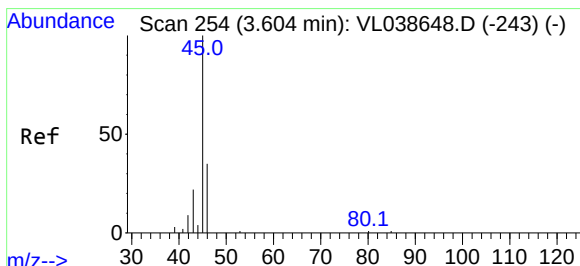
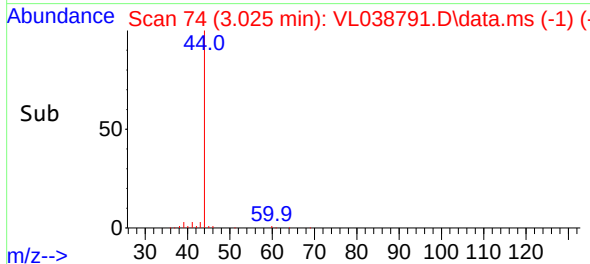
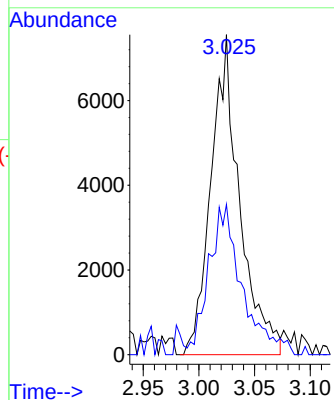
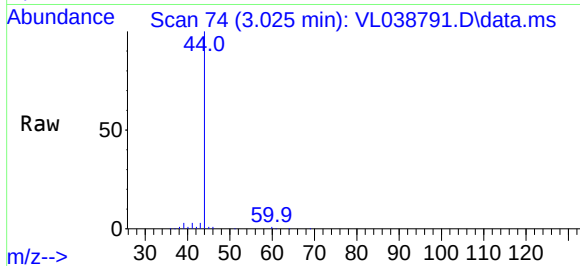
#9
Propene
Concen: 0.294 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.016 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 41 Resp: 13520
Ion Ratio Lower Upper
41 100
42 56.8 56.2 84.4

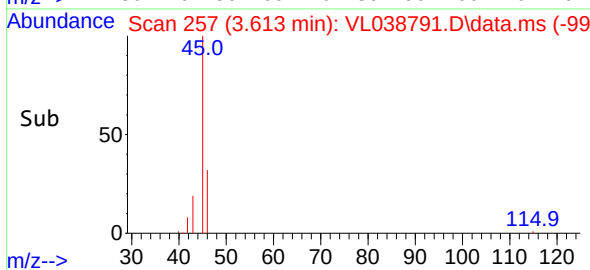
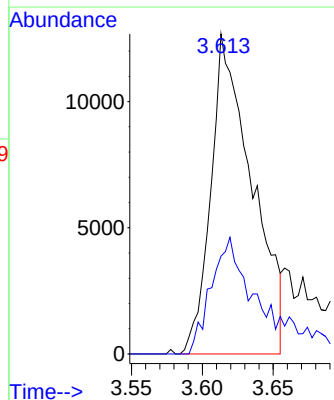
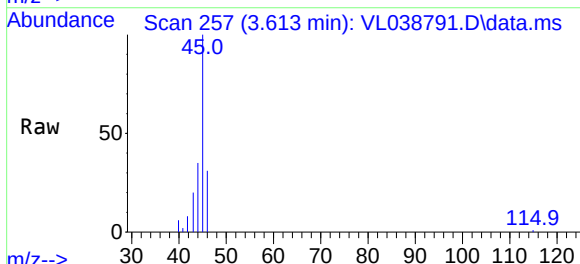
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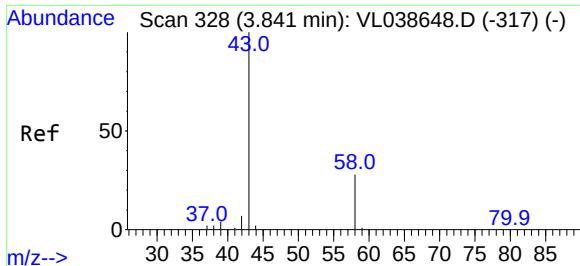
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#13
Ethanol
Concen: 5.042 ppbv
RT: 3.613 min Scan# 257
Delta R.T. 0.010 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

Tgt Ion: 45 Resp: 25591
Ion Ratio Lower Upper
45 100
46 47.9 15.1 60.5





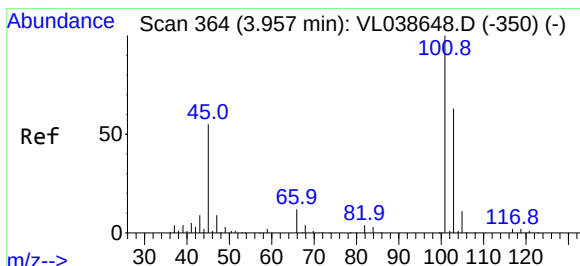
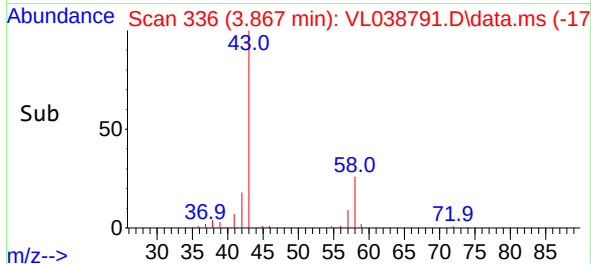
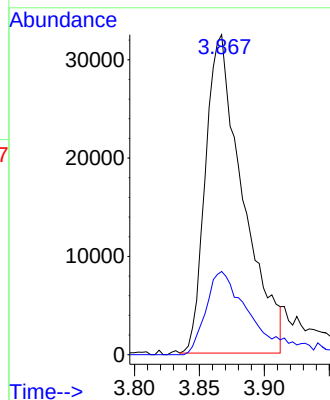
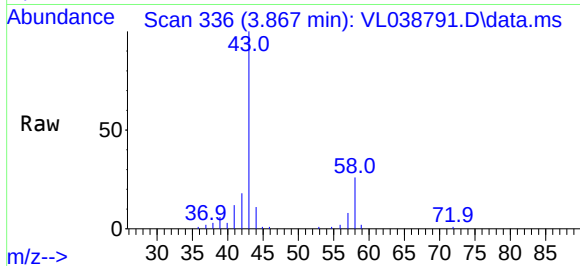
#15
Acetone
Concen: 0.834 ppbv
RT: 3.867 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 64958
Ion Ratio Lower Upper
43 100
58 33.0 23.3 34.9

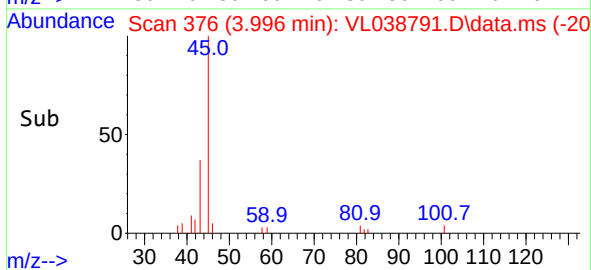
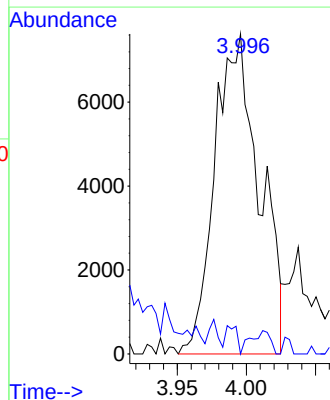
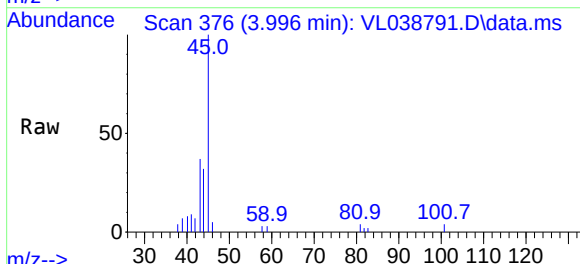
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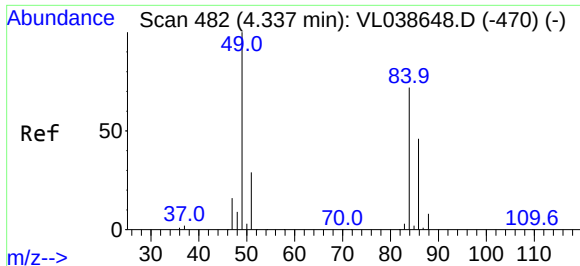
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#19
Isopropyl Alcohol
Concen: 0.395 ppbv m
RT: 3.996 min Scan# 376
Delta R.T. 0.038 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

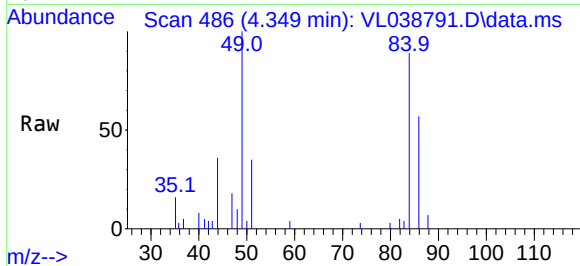
Tgt Ion: 45 Resp: 17050
Ion Ratio Lower Upper
45 100
58 9.2 2.3 3.5#





#20
Methylene Chloride
Concen: 0.349 ppbv m
RT: 4.349 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

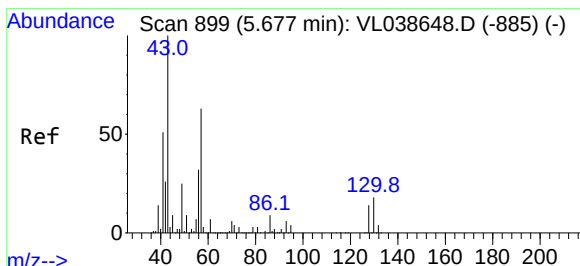
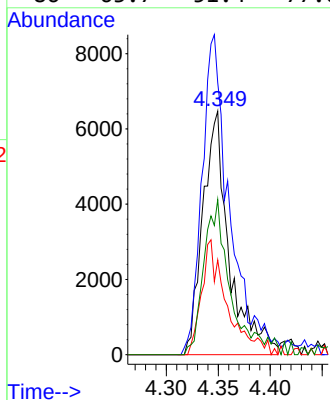
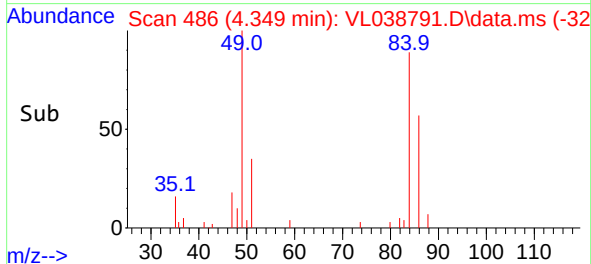
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 84 Resp: 11430
Ion Ratio Lower Upper
84 100
49 111.8 111.2 166.8
51 38.9 32.8 49.2
86 63.7 51.4 77.0

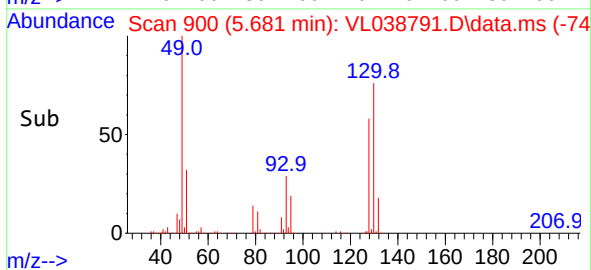
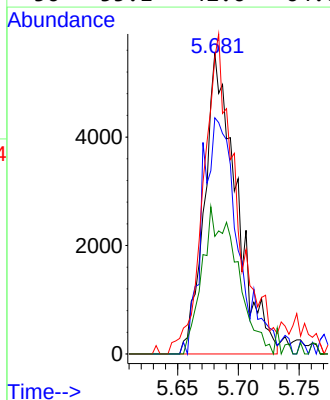
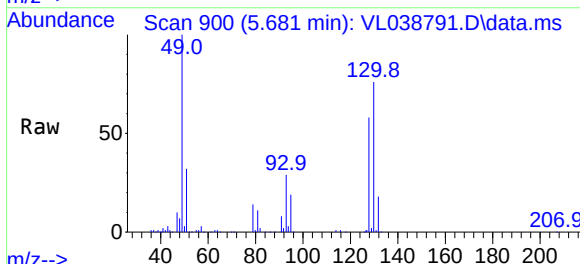
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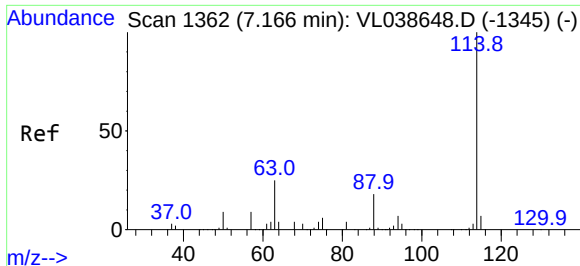
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#26
Hexane
Concen: 0.116 ppbv m
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

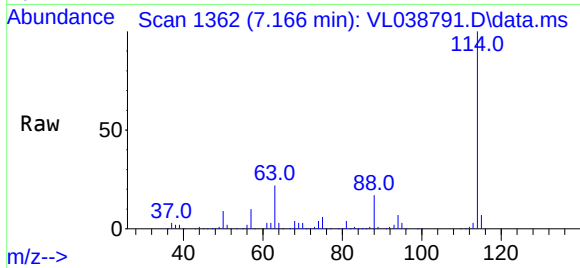
Tgt Ion: 57 Resp: 10171
Ion Ratio Lower Upper
57 100
41 88.9 67.0 100.4
43 118.5 184.2 276.2#
56 55.1 42.6 64.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

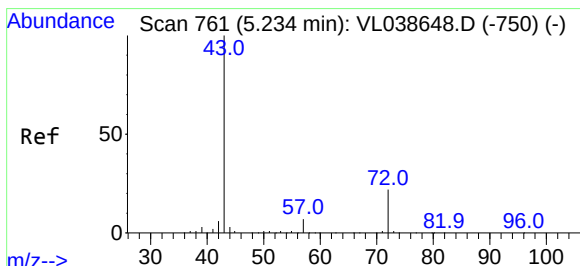
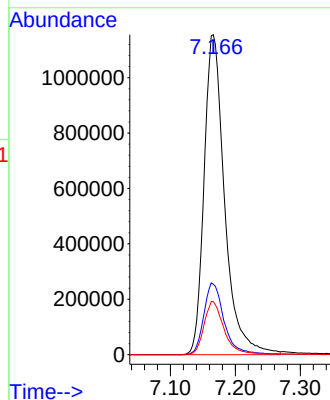
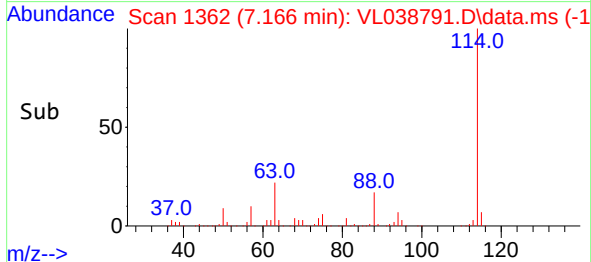
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



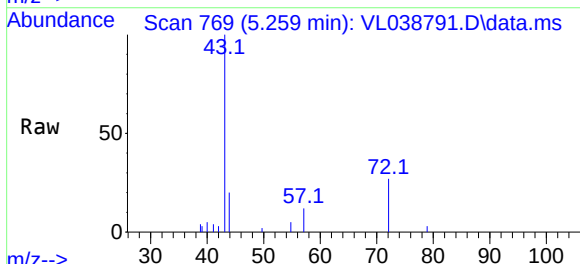
Tgt Ion:114 Resp: 254720
Ion Ratio Lower Upper
114 100
63 22.5 19.4 29.0
88 16.5 13.9 20.9

Manual Integrations
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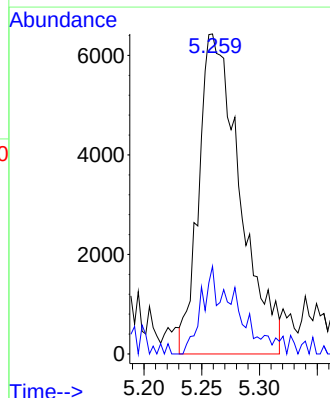
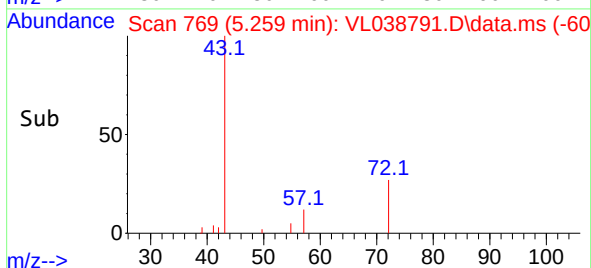
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Supervised By :Mahesh Dadoda 03/29/2022

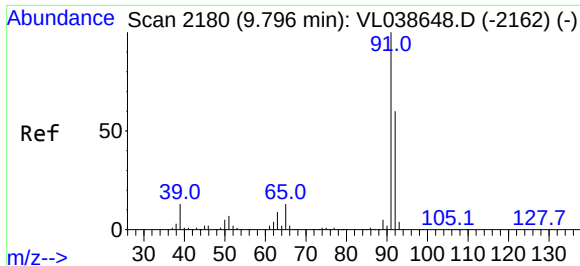


#34
2-Butanone
Concen: 0.158 ppbv m
RT: 5.259 min Scan# 769
Delta R.T. 0.026 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16



Tgt Ion: 43 Resp: 15929
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#





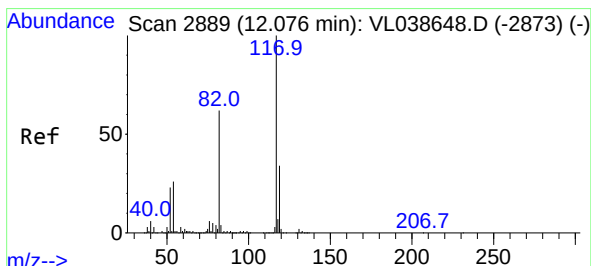
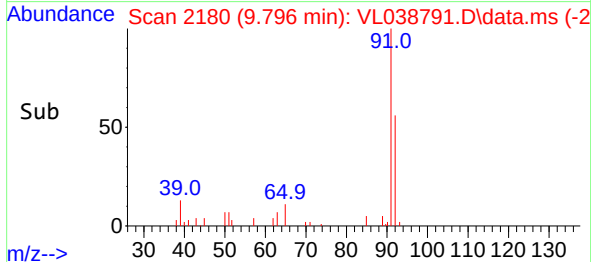
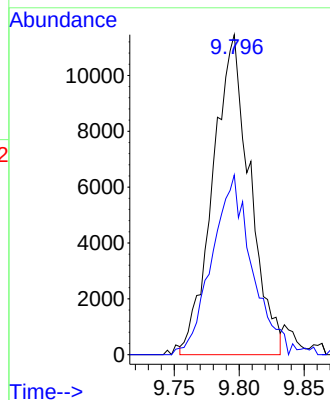
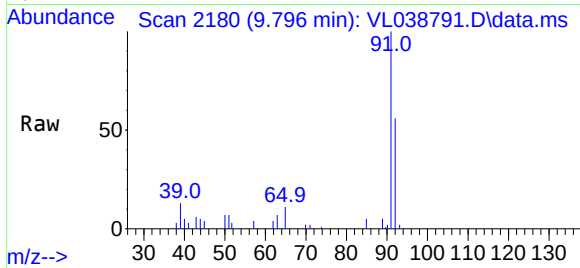
#53
Toluene
Concen: 0.108 ppbv
RT: 9.796 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 91 Resp: 2271
Ion Ratio Lower Upper
91 100
92 61.4 48.7 73.1

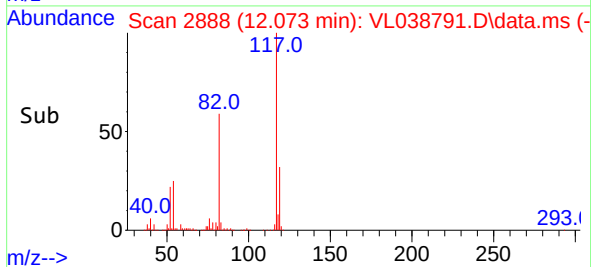
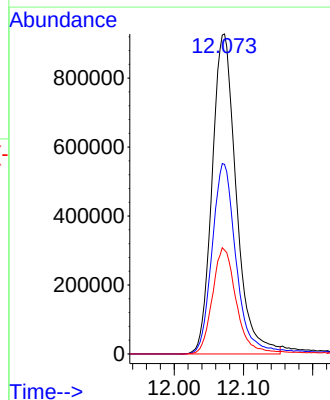
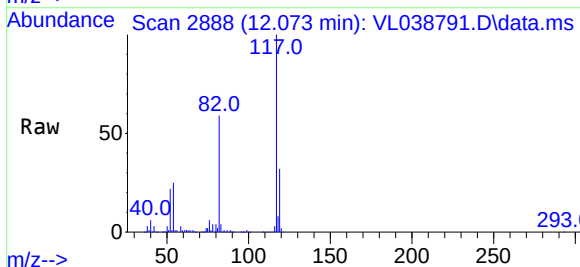
Manual Integrations
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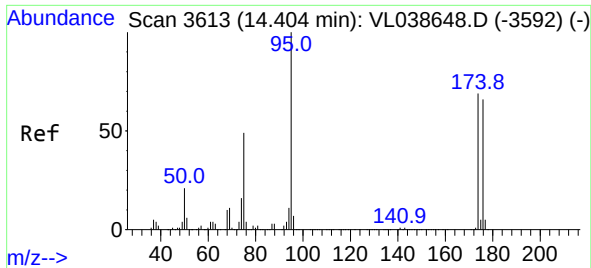
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038791.D
Acq: 29 Mar 2022 4:16

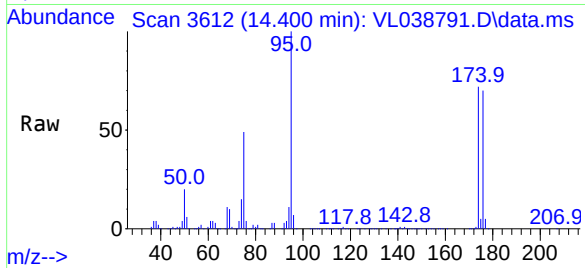
Tgt Ion:117 Resp: 2243637
Ion Ratio Lower Upper
117 100
82 61.7 51.6 77.4
119 34.0 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.421 ppbv
 RT: 14.400 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038791.D
 Acq: 29 Mar 2022 4:16

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 95 Resp: 162056

Ion	Ratio	Lower	Upper
95	100		
174	75.7	56.1	84.1
175	5.6	4.2	6.2

Manual Integrations
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