

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038702.D
 Acq On : 23 Mar 2022 3:01
 Operator : SY/AP
 Sample : N2046-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P89DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:19:40 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2

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	5.648	49	832206	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2326137	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	2067692	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	1453792	9.171	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
9) Propene	3.012	41	16507m	0.389	ppbv	
13) Ethanol	3.607	45	22873	4.886	ppbv	85
15) Acetone	3.851	43	138224m	1.925	ppbv	
20) Methylene Chloride	4.330	84	8608	0.285	ppbv	92
34) 2-Butanone	5.240	43	152136	1.652	ppbv	92
52) Tetrachloroethene	11.198	164	619759	9.434	ppbv	99
53) Toluene	9.783	91	53403	0.277	ppbv	100

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

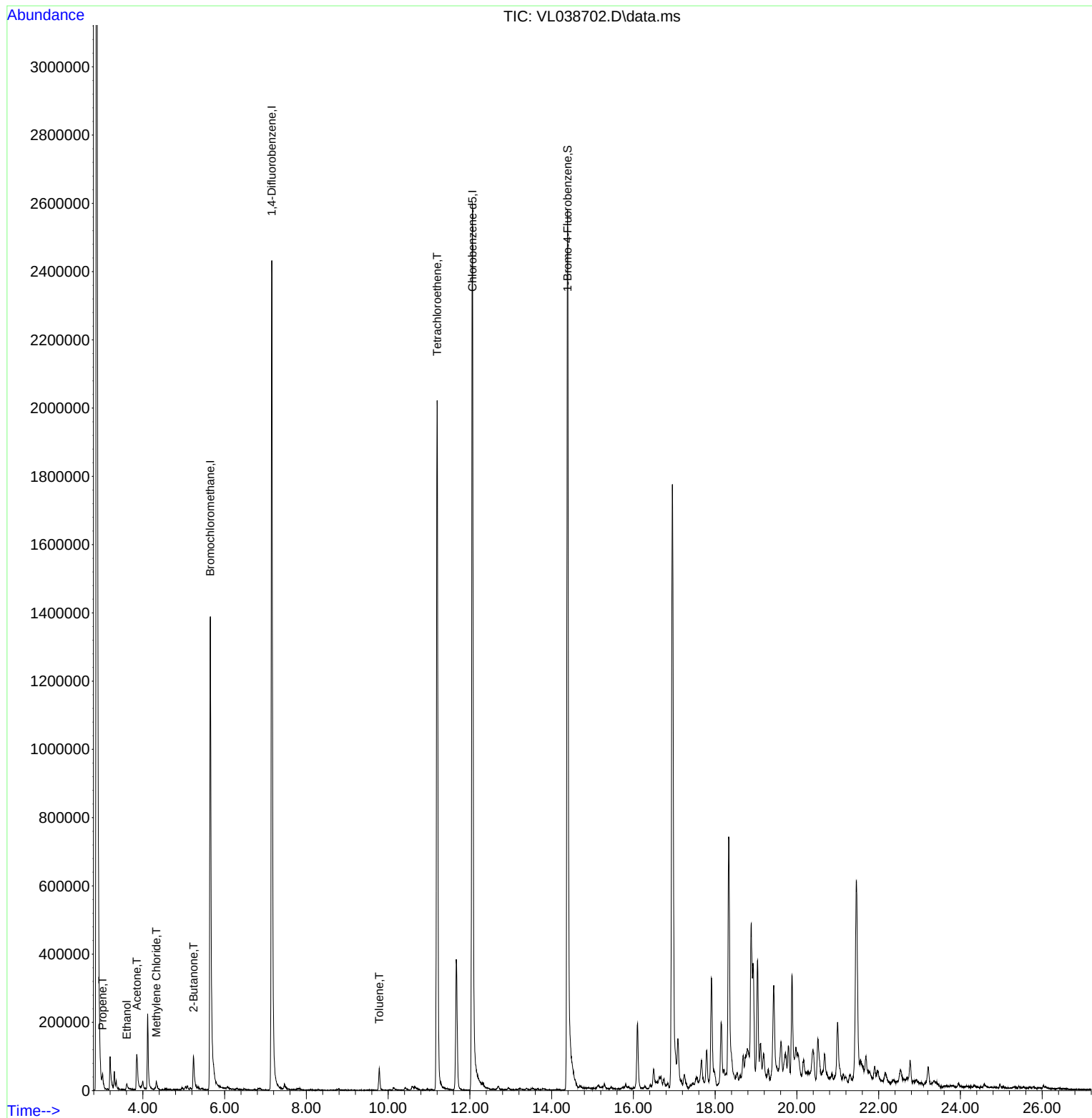
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
Data File : VL038702.D
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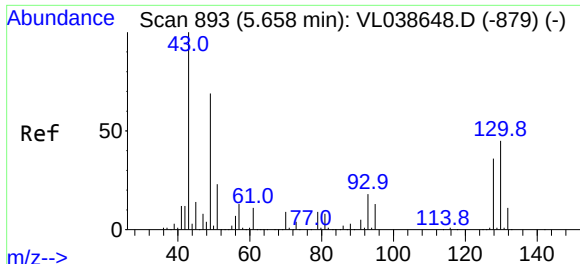
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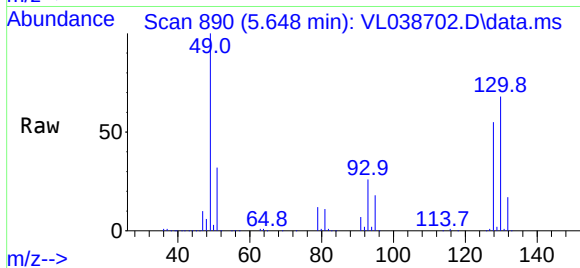
Quant Time: Mar 23 04:19:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

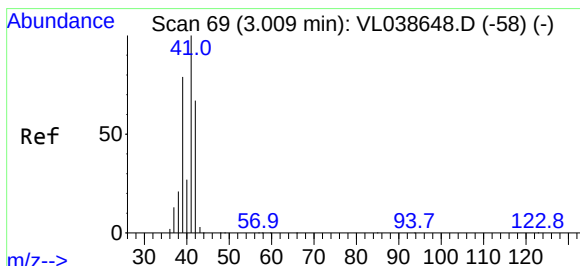
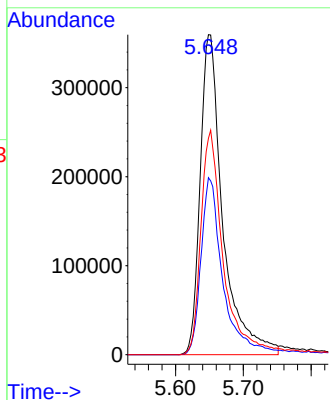
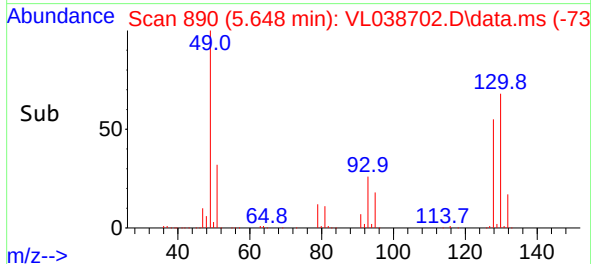
Instrument :
MSVOA_L
ClientSampleId :
COP89DL



Tgt Ion: 49 Resp: 832200
Ion Ratio Lower Upper
49 100
128 55.8 26.2 78.6
130 72.3 33.7 101.1

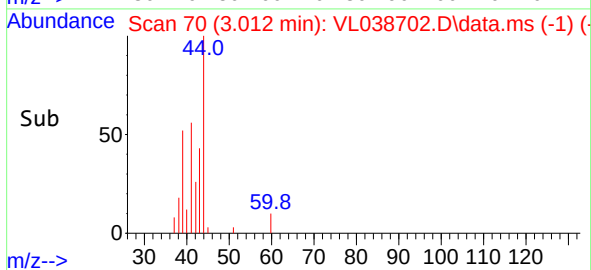
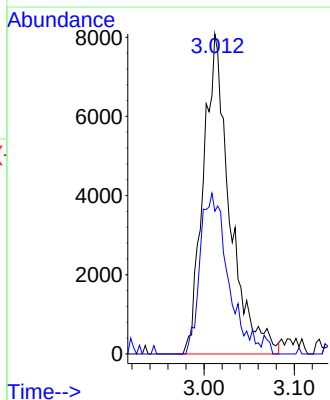
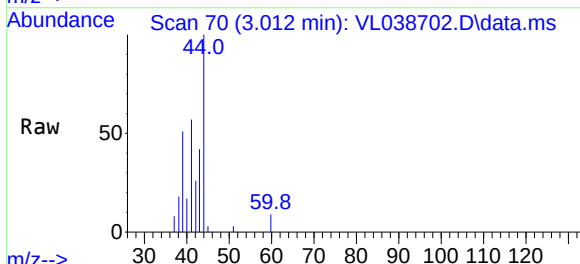
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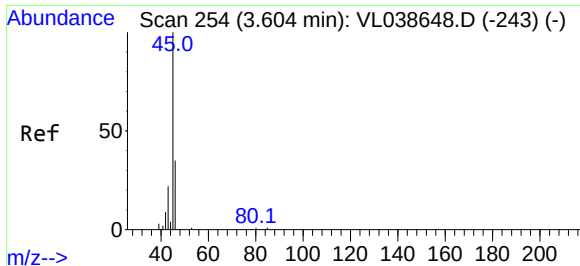
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#9
Propene
Concen: 0.389 ppbv m
RT: 3.012 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

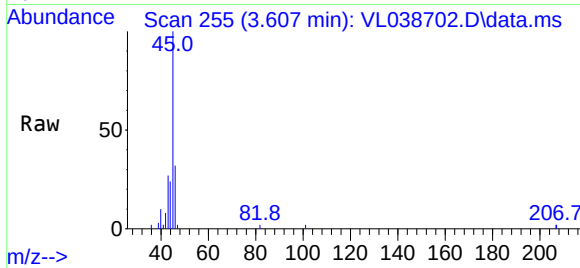
Tgt Ion: 41 Resp: 16507
Ion Ratio Lower Upper
41 100
42 0.0 56.2 84.4#





#13
Ethanol
Concen: 4.886 ppbv
RT: 3.607 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

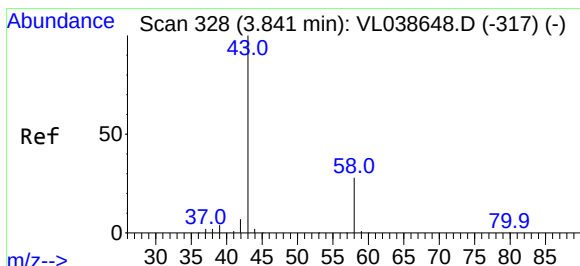
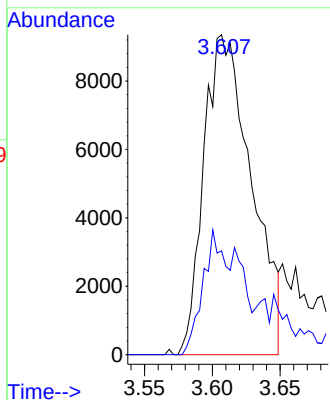
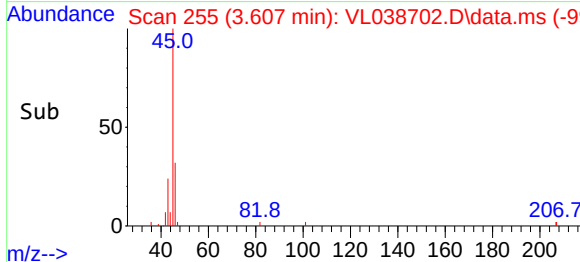
Instrument :
MSVOA_L
ClientSampleId :
COP89DL



Tgt Ion: 45 Resp: 2287
Ion Ratio Lower Upper
45 100
46 46.9 15.1 60.5

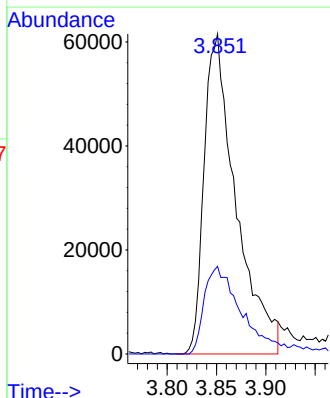
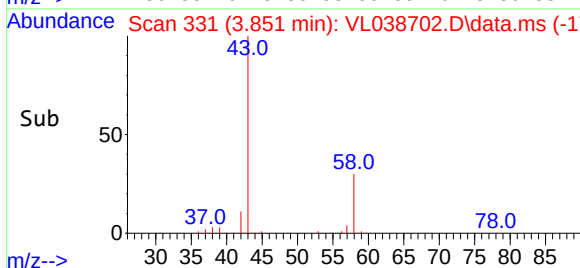
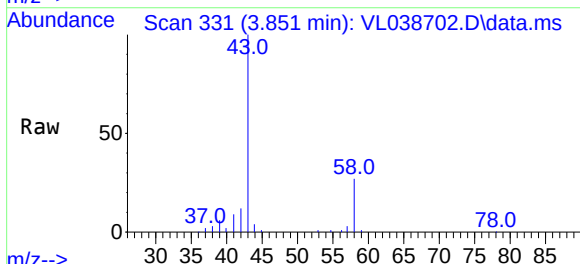
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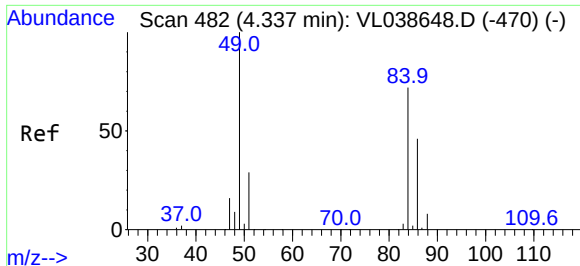
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#15
Acetone
Concen: 1.925 ppbv m
RT: 3.851 min Scan# 331
Delta R.T. 0.010 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

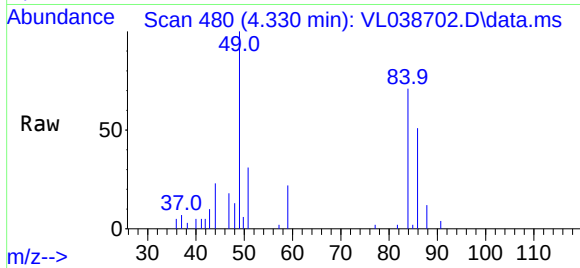
Tgt Ion: 43 Resp: 138224
Ion Ratio Lower Upper
43 100
58 33.8 23.3 34.9





#20
Methylene Chloride
Concen: 0.285 ppbv
RT: 4.330 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

Instrument :
MSVOA_L
ClientSampleId :
COP89DL

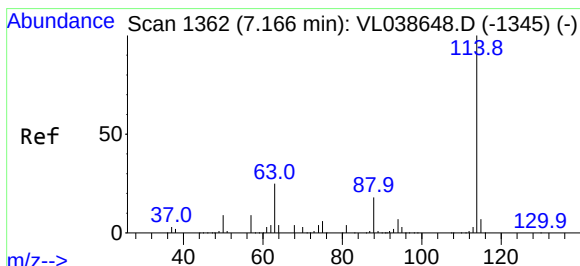
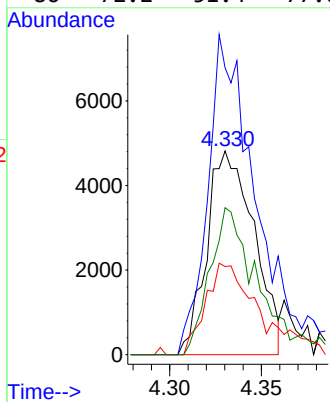
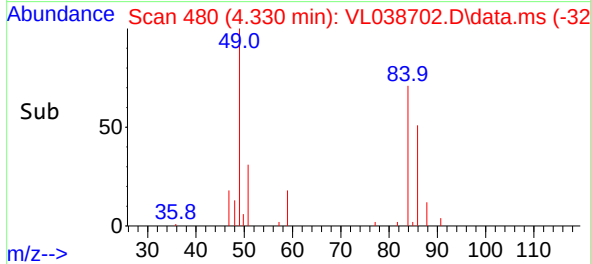


Tgt Ion: 84 Resp: 860

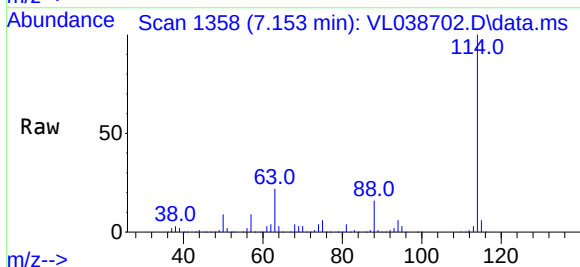
Ion	Ratio	Lower	Upper
84	100		
49	149.7	111.2	166.8
51	43.3	32.8	49.2
86	72.2	51.4	77.0

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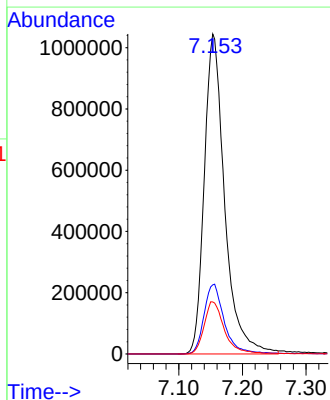
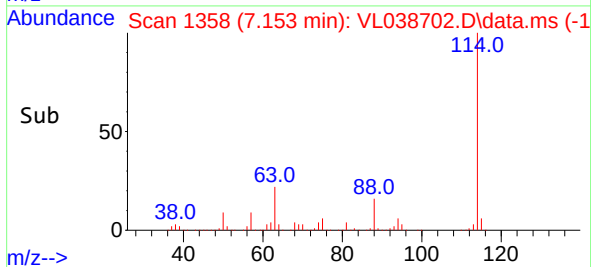


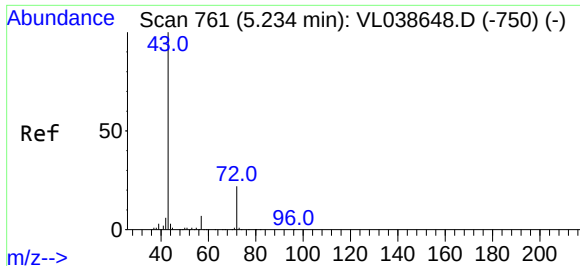
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01



Tgt Ion:114 Resp: 2326137

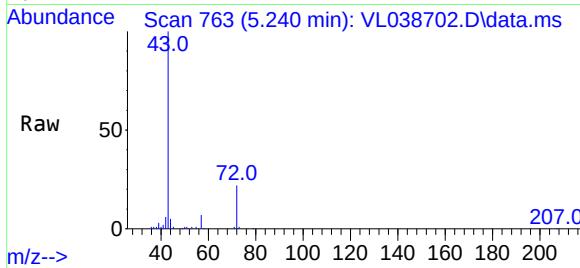
Ion	Ratio	Lower	Upper
114	100		
63	22.1	19.4	29.0
88	16.5	13.9	20.9





#34
2-Butanone
Concen: 1.652 ppbv
RT: 5.240 min Scan# 761
Delta R.T. 0.006 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

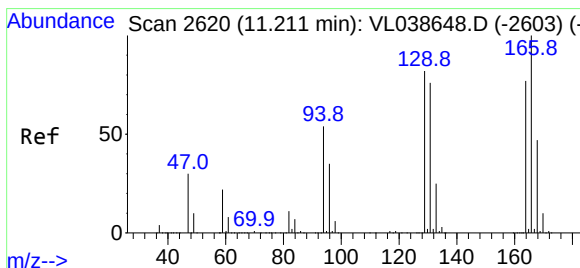
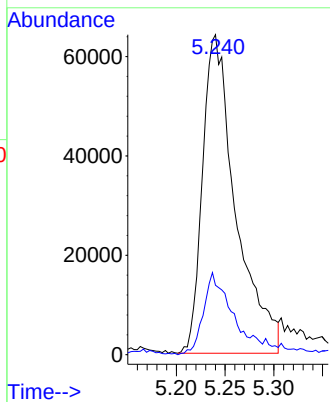
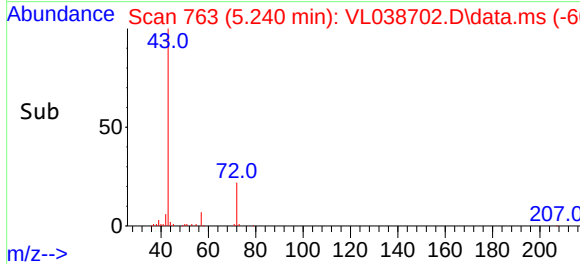
Instrument :
MSVOA_L
ClientSampleId :
COP89DL



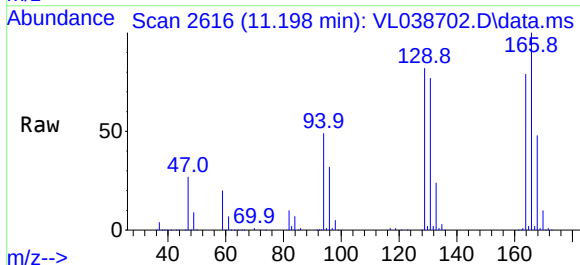
Tgt Ion: 43 Resp: 152136
Ion Ratio Lower Upper
43 100
72 26.0 17.8 26.8

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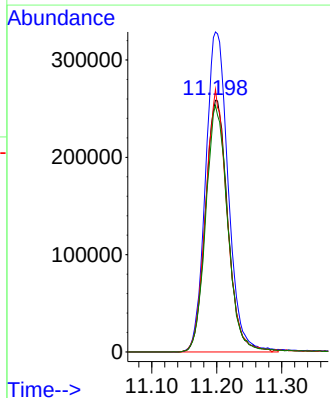
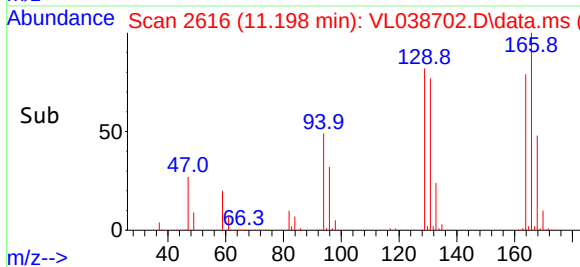
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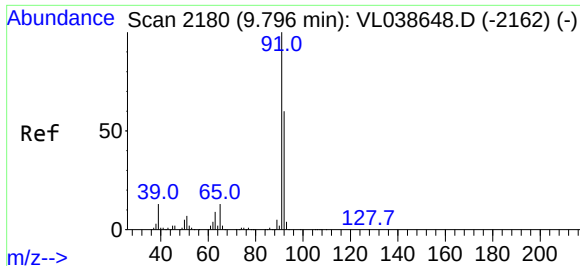


#52
Tetrachloroethene
Concen: 9.434 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01



Tgt Ion:164 Resp: 619759
Ion Ratio Lower Upper
164 100
166 127.1 103.3 154.9
129 104.3 85.2 127.8
131 97.9 78.3 117.5





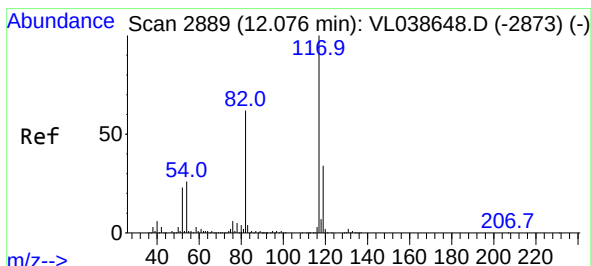
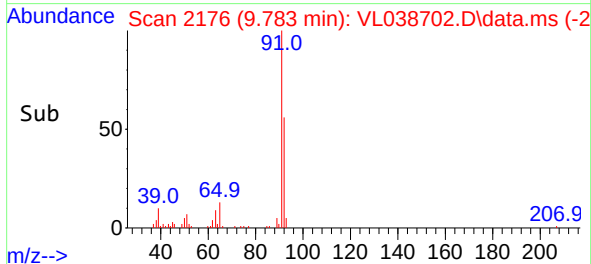
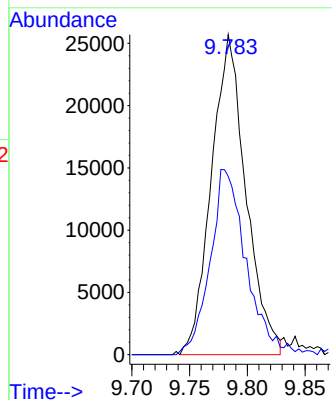
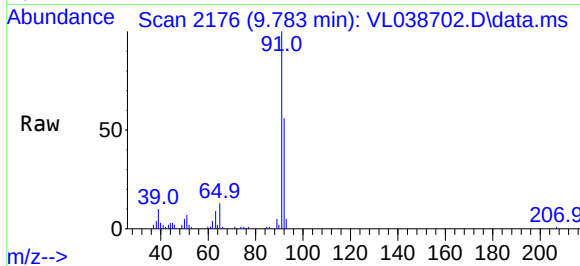
#53
Toluene
Concen: 0.277 ppbv
RT: 9.783 min Scan# 2180
Delta R.T. -0.013 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

Instrument :
MSVOA_L
ClientSampleId :
COP89DL

Tgt Ion: 91 Resp: 5340
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1

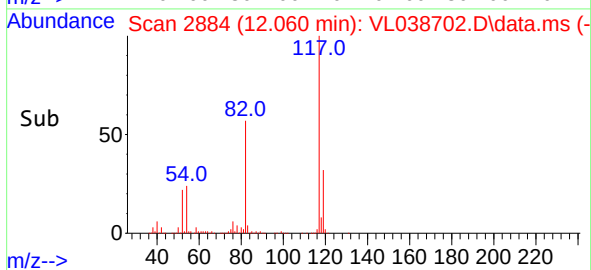
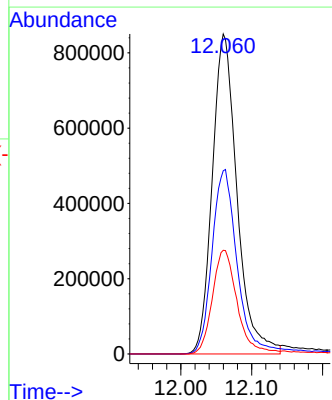
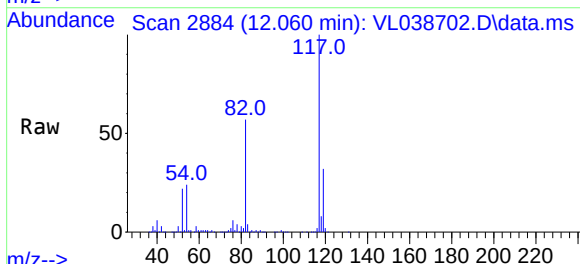
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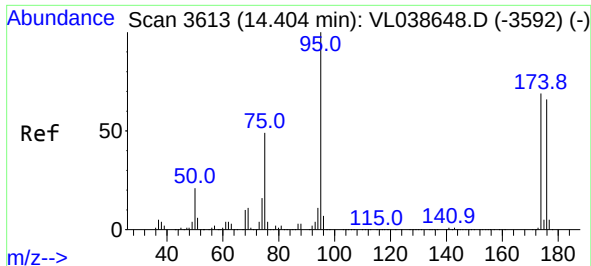
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 2884
Delta R.T. -0.016 min
Lab File: VL038702.D
Acq: 23 Mar 2022 3:01

Tgt Ion:117 Resp: 2067692
Ion Ratio Lower Upper
117 100
82 60.5 51.6 77.4
119 33.8 26.9 40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.171 ppbv

RT: 14.391 min Scan# 30

Delta R.T. -0.013 min

Lab File: VL038702.D

Acq: 23 Mar 2022 3:01

Instrument :

MSVOA_L

ClientSampleId :

C0P89DL

Tgt Ion: 95 Resp: 1453792

Ion Ratio Lower Upper

95 100

174 78.7 56.1 84.1

175 5.9 4.2 6.2

Manual Integrations

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