

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038672.D
 Acq On : 22 Mar 2022 5:15
 Operator : SY/AP
 Sample : N1964-14DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P84DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 06:47:14 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 22 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	5.655	49	932443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2351046	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2039468	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.401	95	1476216	9.441	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%
Target Compounds						
9) Propene	3.018	41	7626	0.160	ppbv	91
13) Ethanol	3.604	45	7936m	1.513	ppbv	
15) Acetone	3.854	43	19145m	0.238	ppbv	
20) Methylene Chloride	4.337	84	31635	0.933	ppbv	96
26) Hexane	5.681	57	14220m	0.157	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	9441m	0.111	ppbv	
53) Toluene	9.793	91	30528	0.157	ppbv	99

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

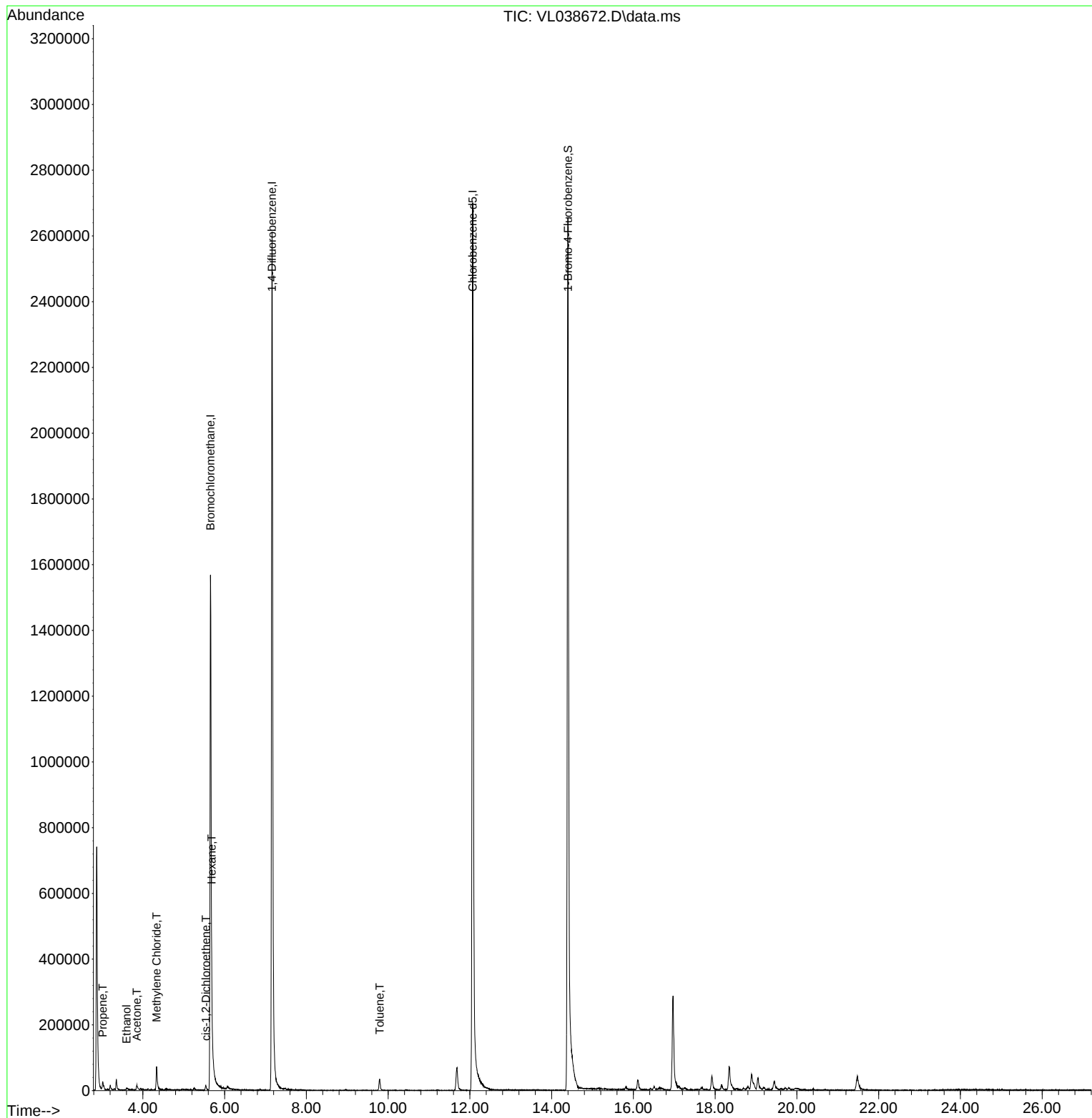
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038672.D
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Misc : 400mL/MSVOA_L
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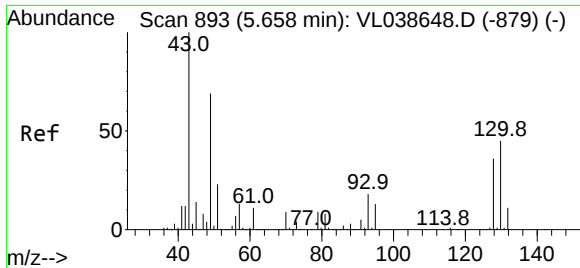
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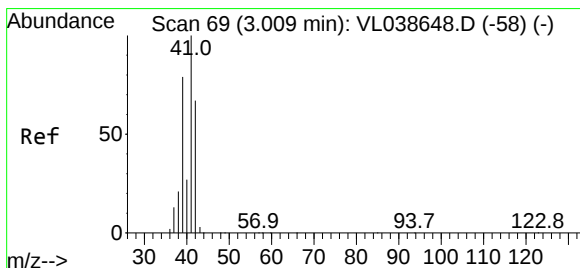
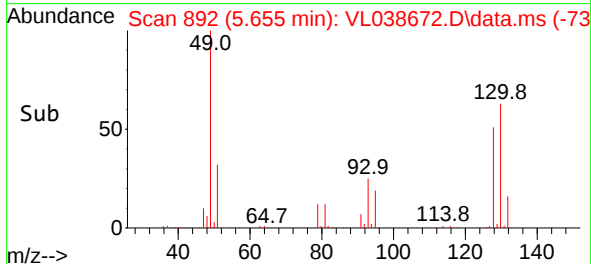
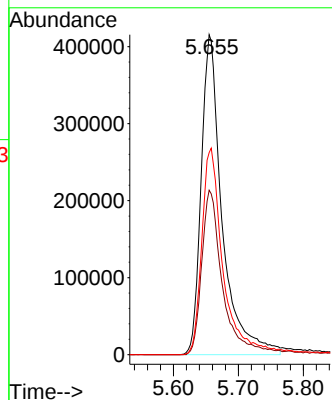
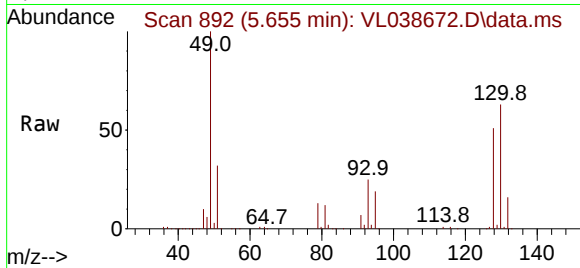
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

Instrument :
MSVOA_L
ClientSampleId :
COP84DL

Tgt Ion: 49 Resp: 93244
Ion Ratio Lower Upper
49 100
128 53.2 26.2 78.6
130 68.0 33.7 101.1

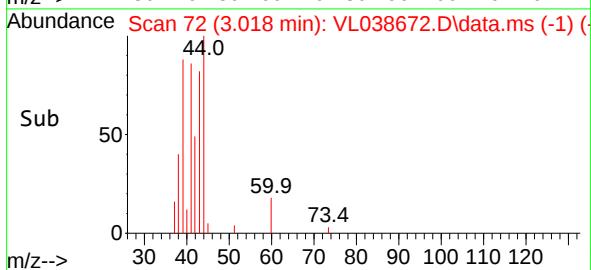
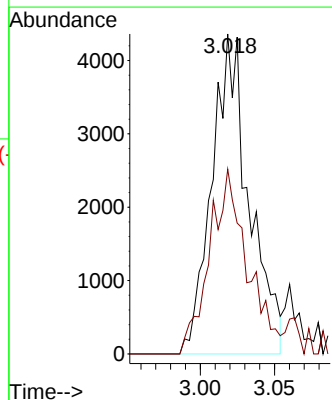
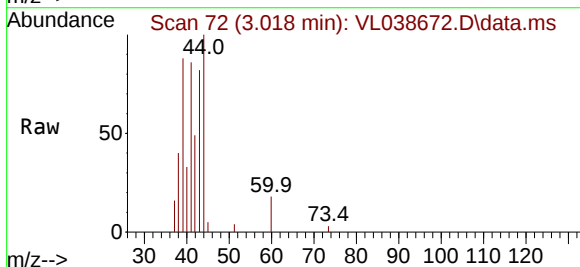
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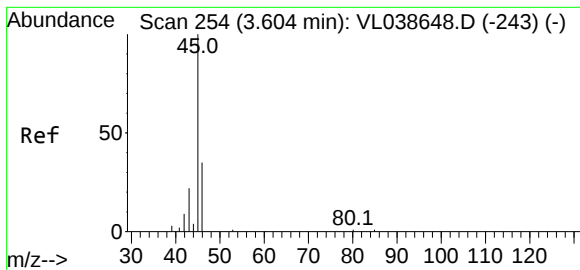
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#9
Propene
Concen: 0.160 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

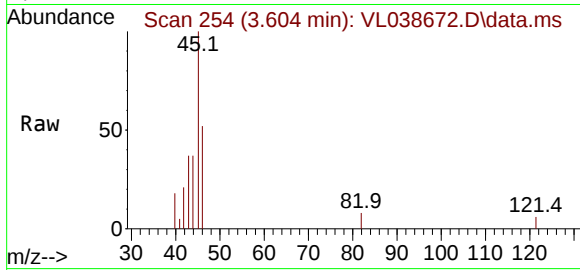
Tgt Ion: 41 Resp: 7626
Ion Ratio Lower Upper
41 100
42 62.9 56.2 84.4





#13
Ethanol
Concen: 1.513 ppbv m
RT: 3.604 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

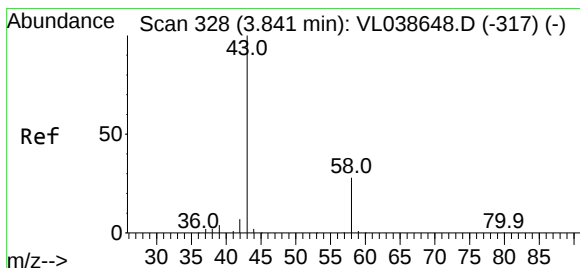
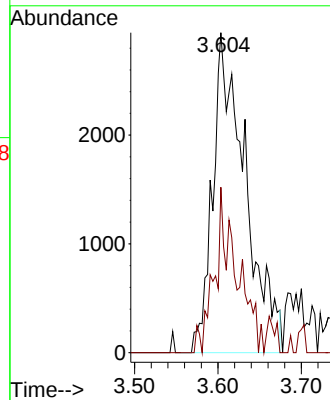
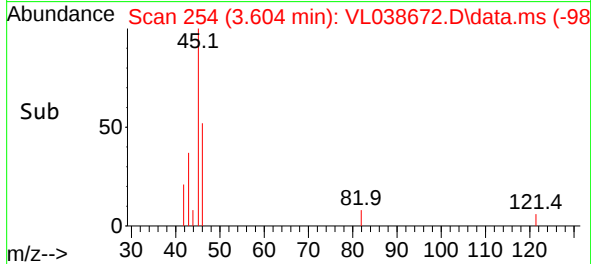
Instrument :
MSVOA_L
ClientSampleId :
COP84DL



Tgt Ion: 45 Resp: 7930
Ion Ratio Lower Upper
45 100
46 38.8 15.1 60.5

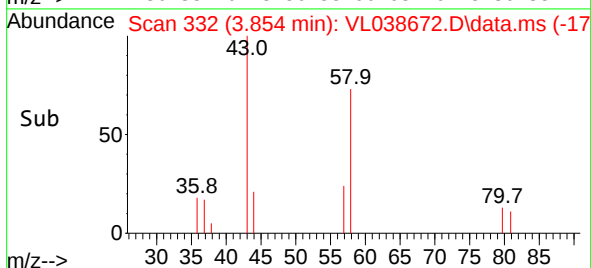
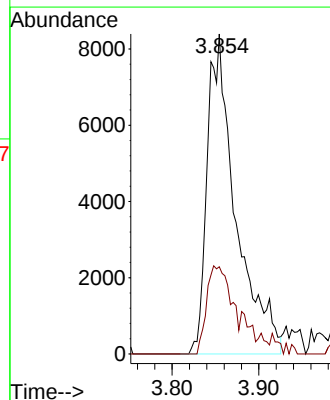
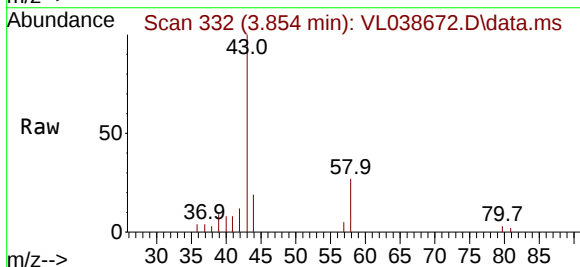
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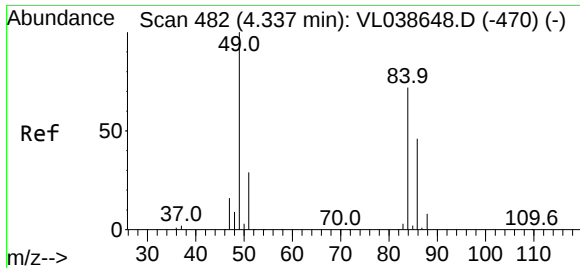
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#15
Acetone
Concen: 0.238 ppbv m
RT: 3.854 min Scan# 332
Delta R.T. 0.013 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

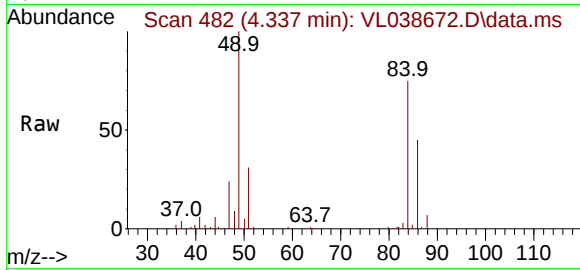
Tgt Ion: 43 Resp: 19145
Ion Ratio Lower Upper
43 100
58 32.1 23.3 34.9





#20
Methylene Chloride
Concen: 0.933 ppbv
RT: 4.337 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

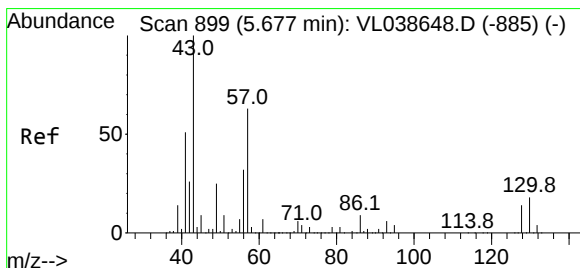
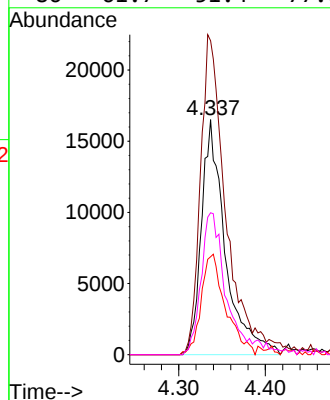
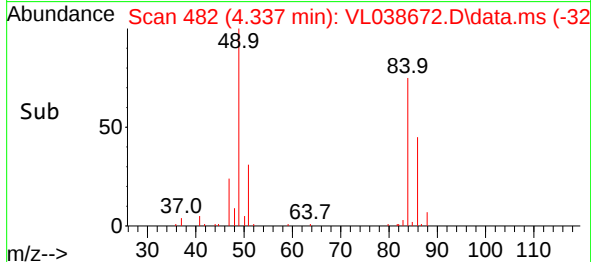
Instrument :
MSVOA_L
ClientSampleId :
COP84DL



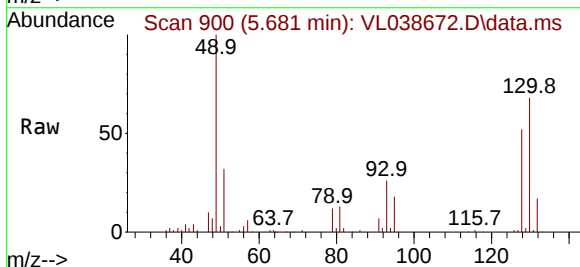
Tgt Ion: 84 Resp: 3163
Ion Ratio Lower Upper
84 100
49 133.6 111.2 166.8
51 41.7 32.8 49.2
86 61.7 51.4 77.0

Manual Integrations
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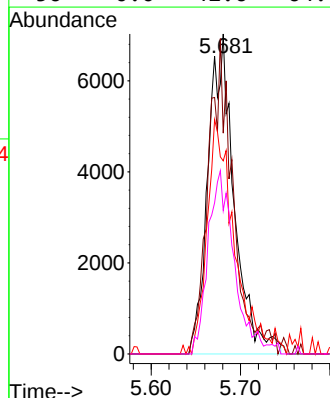
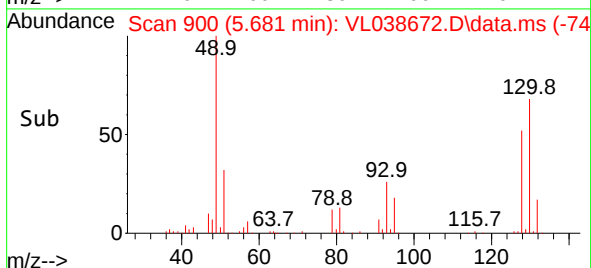
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

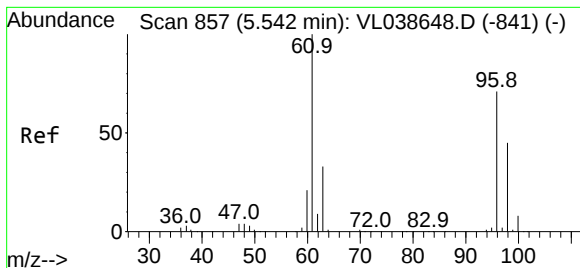


#26
Hexane
Concen: 0.157 ppbv m
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15



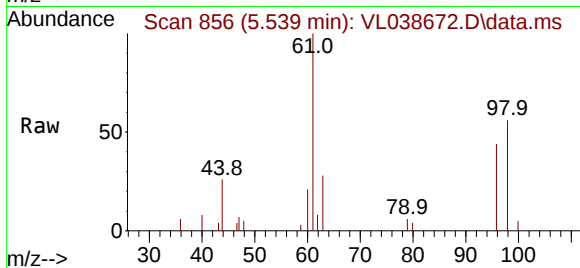
Tgt Ion: 57 Resp: 14220
Ion Ratio Lower Upper
57 100
41 0.0 67.0 100.4#
43 80.3 184.2 276.2#
56 0.0 42.6 64.0#





#31
cis-1,2-Dichloroethene
Concen: 0.111 ppbv m
RT: 5.539 min Scan# 857
Delta R.T. -0.003 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

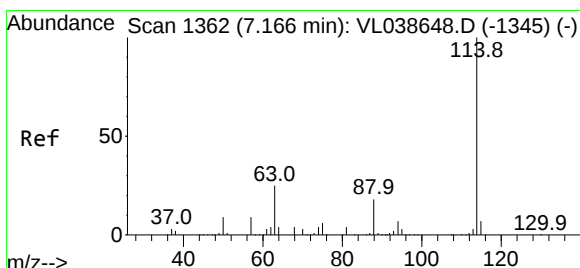
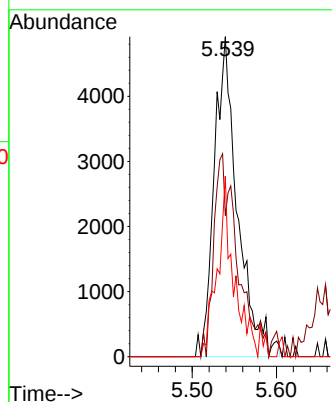
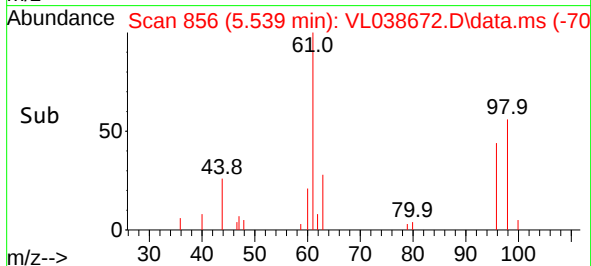
Instrument :
MSVOA_L
ClientSampleId :
COP84DL



Tgt Ion: 61 Resp: 944
Ion Ratio Lower Upper
61 100
96 44.1 56.6 84.8
98 56.4 36.3 54.5

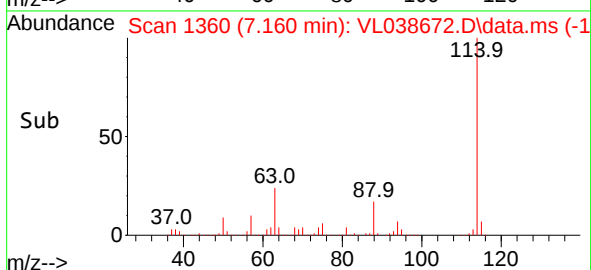
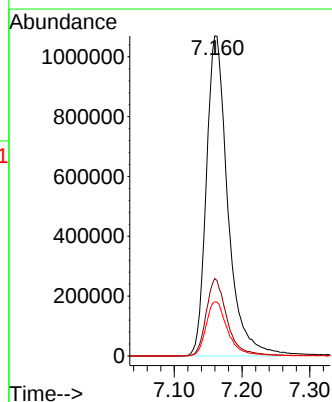
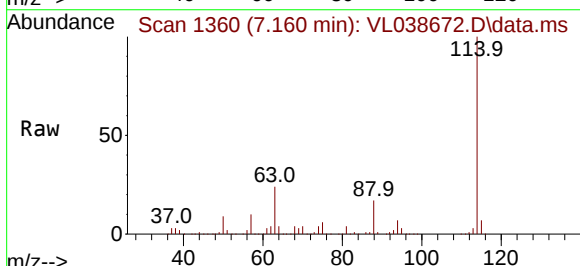
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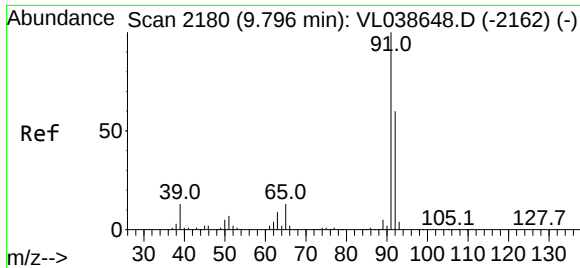
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

Tgt Ion:114 Resp: 2351046
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.0
88 17.2 13.9 20.9





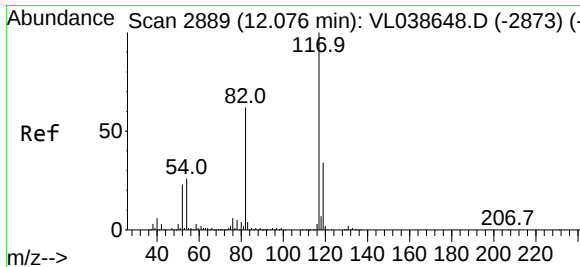
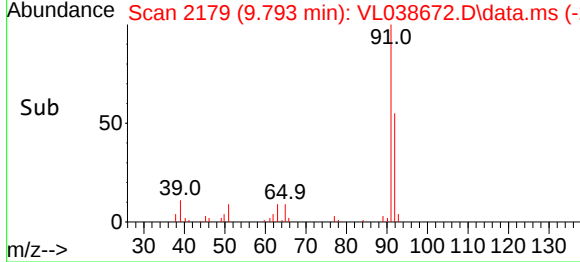
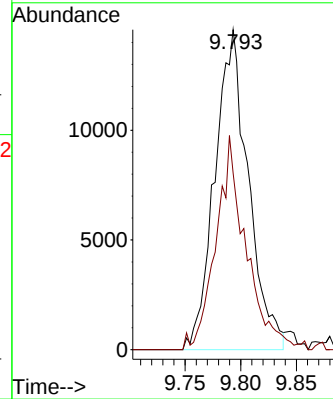
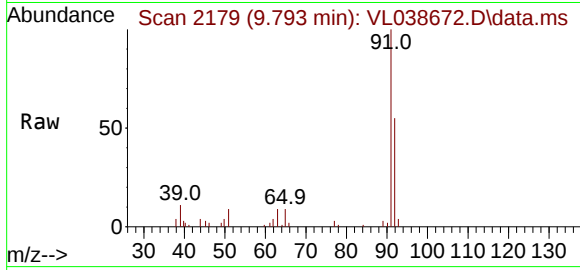
#53
Toluene
Concen: 0.157 ppbv
RT: 9.793 min Scan# 2180
Delta R.T. -0.003 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

Instrument :
MSVOA_L
ClientSampleId :
COP84DL

Tgt Ion: 91 Resp: 30528
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1

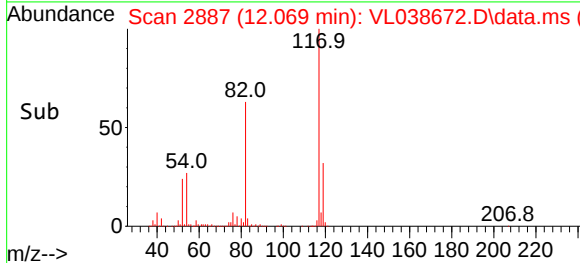
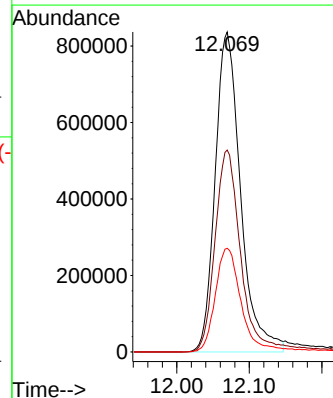
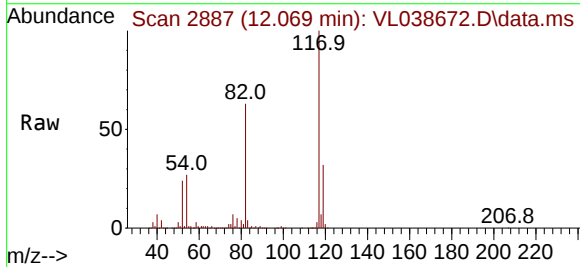
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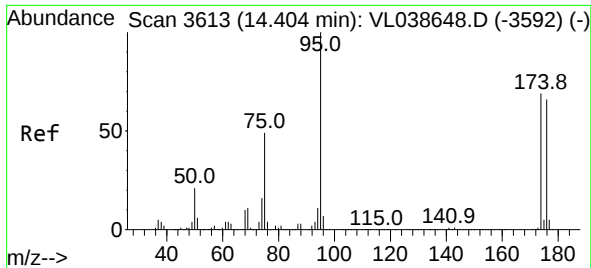
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. -0.006 min
Lab File: VL038672.D
Acq: 22 Mar 2022 5:15

Tgt Ion:117 Resp: 2039468
Ion Ratio Lower Upper
117 100
82 65.6 51.6 77.4
119 34.3 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.441 ppbv
 RT: 14.401 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038672.D
 Acq: 22 Mar 2022 5:15

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P84DL

Tgt Ion: 95 Resp: 1476210
 Ion Ratio Lower Upper
 95 100
 174 75.0 56.1 84.1
 175 5.2 4.2 6.2

Manual Integrations
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