

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038389.D
 Acq On : 22 Feb 2022 15:00
 Operator : SY/AP
 Sample : N1606-03 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BG-TEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:04:49 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 23 07:04:49 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	5.661	49	902324	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.166	114	2296268	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.073	117	2064701	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1591553	9.316	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%
Target Compounds						
					Qvalue	
9) Propene	3.205	41	20896	0.397	ppbv	86
11) Trichlorofluoromethane	3.951	101	20933	0.153	ppbv	84
13) Ethanol	3.616	45	12686	2.416	ppbv #	31
15) Acetone	3.861	43	27613m	0.360	ppbv	
20) Methylene Chloride	4.343	84	19803	0.521	ppbv #	95
26) Hexane	5.687	57	9502	0.102	ppbv #	32
53) Toluene	9.796	91	23183	0.106	ppbv	100

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

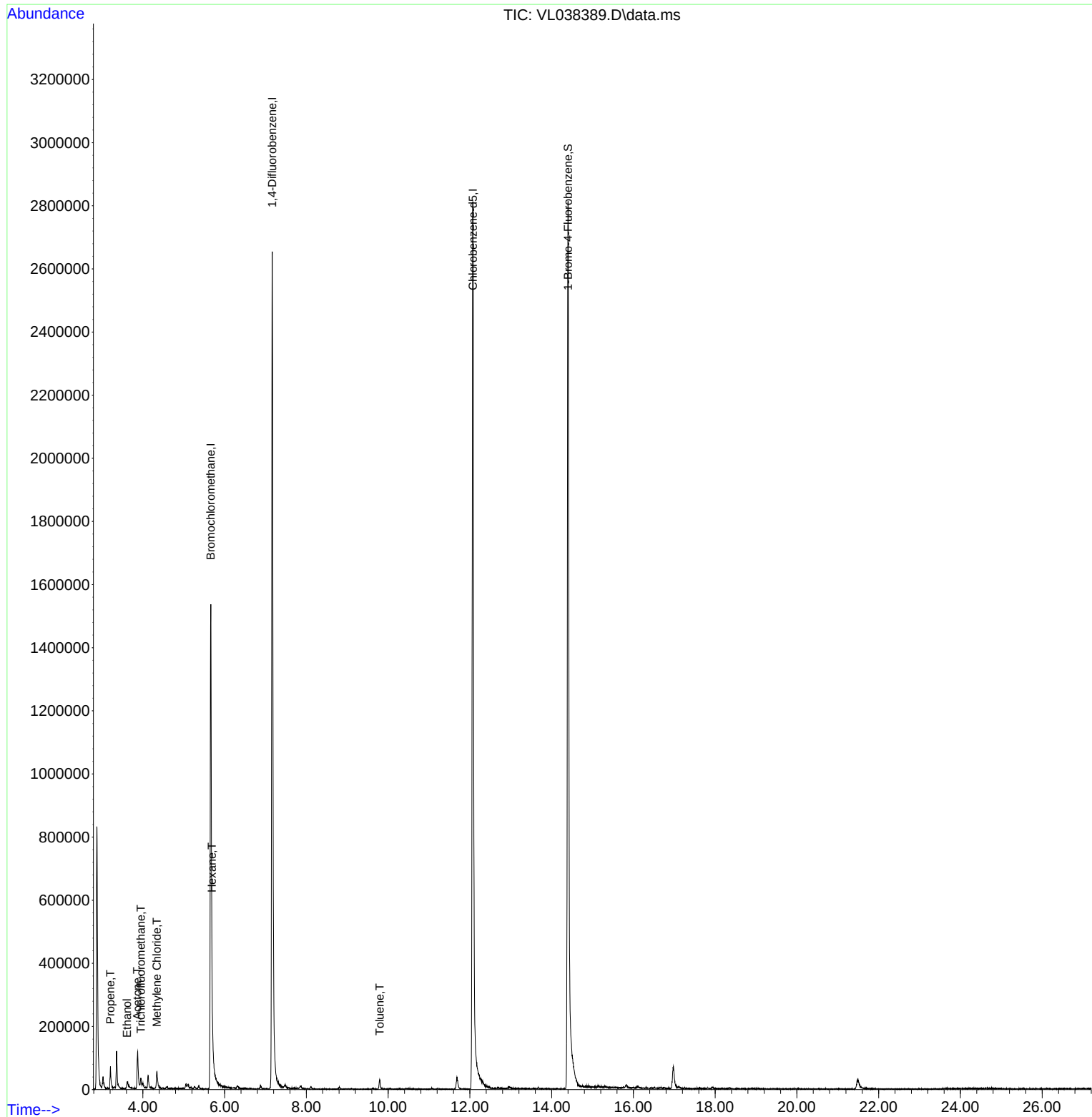
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
Data File : VL038389.D
Acq On : 22 Feb 2022 15:00
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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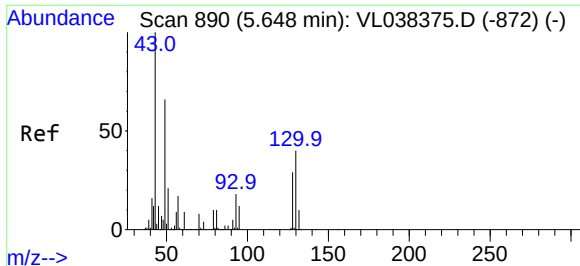
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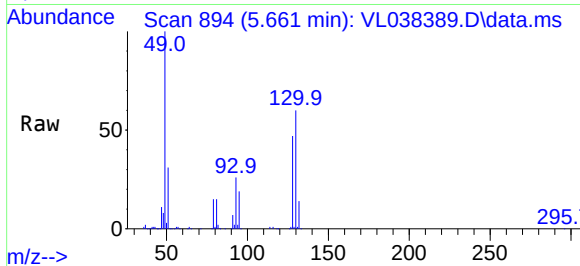
Quant Time: Feb 23 07:04:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 890
Delta R.T. 0.013 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

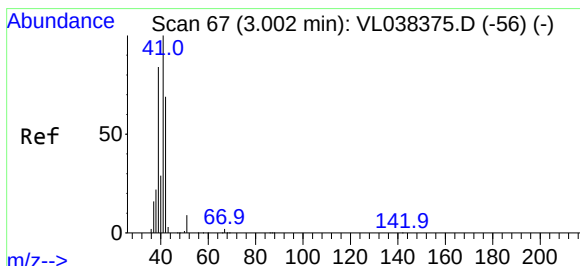
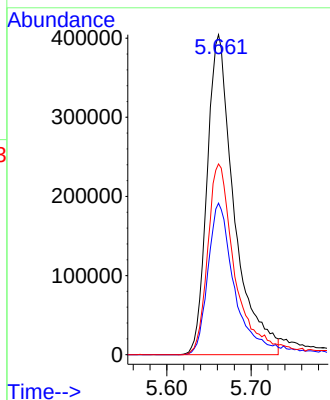
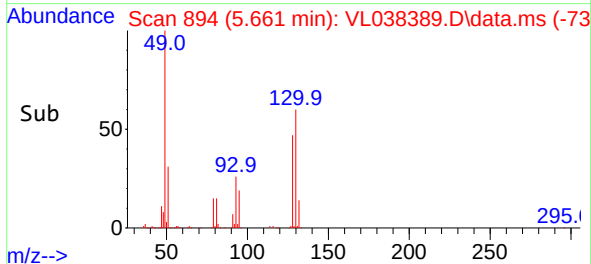
Instrument :
MSVOA_L
ClientSampleId :
BG-TEDL



Tgt Ion: 49 Resp: 902324
Ion Ratio Lower Upper
49 100
128 49.2 24.3 72.9
130 62.7 30.1 90.5

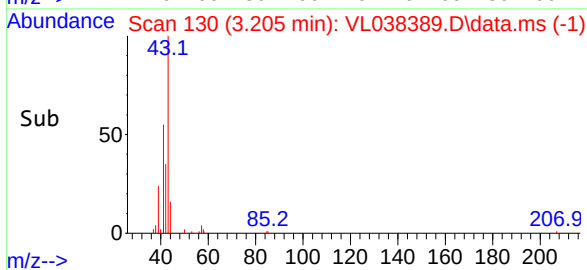
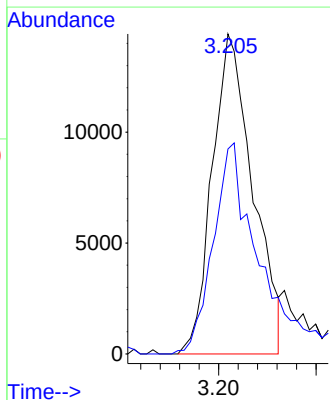
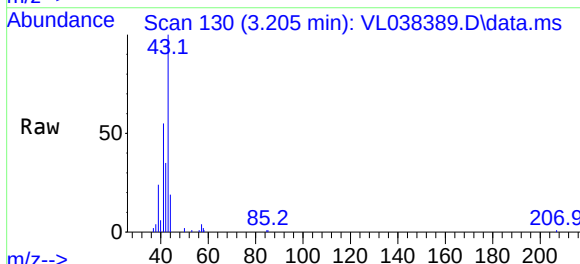
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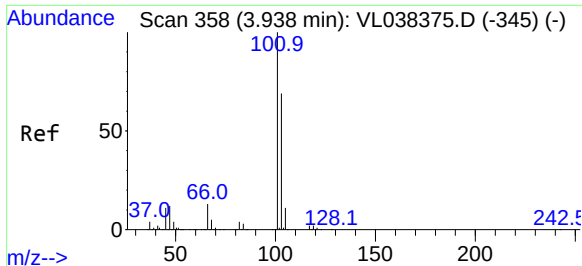
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#9
Propene
Concen: 0.397 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.203 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

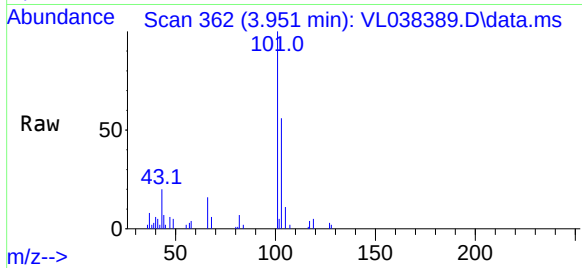
Tgt Ion: 41 Resp: 20896
Ion Ratio Lower Upper
41 100
42 80.0 54.6 82.0





#11
Trichlorofluoromethane
Concen: 0.153 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

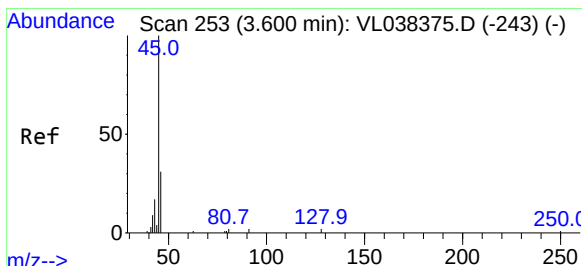
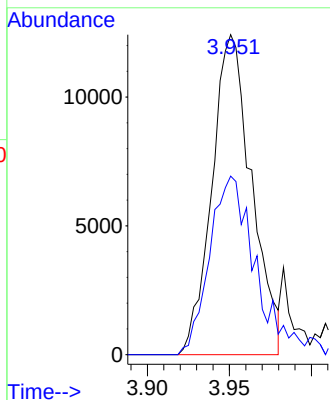
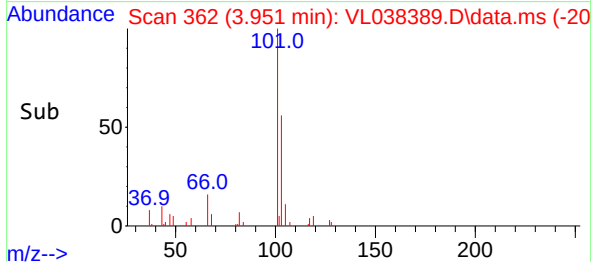
Instrument :
MSVOA_L
ClientSampleId :
BG-TEDL



Tgt Ion:101 Resp: 2093
Ion Ratio Lower Upper
101 100
103 55.8 55.0 82.4

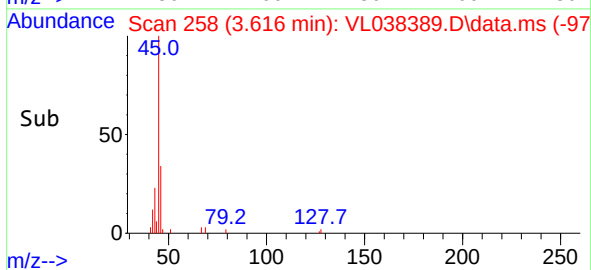
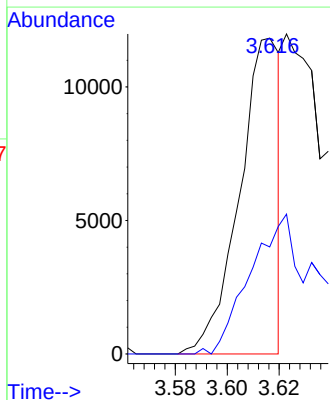
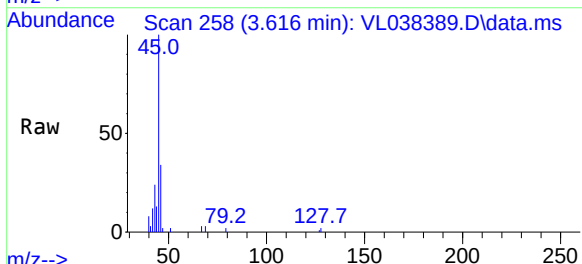
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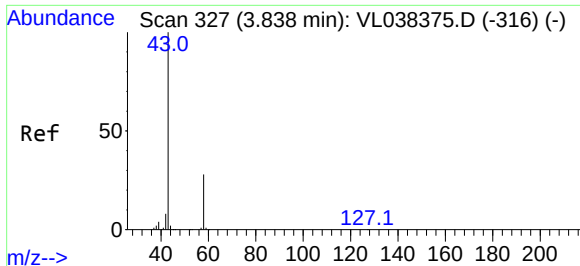
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#13
Ethanol
Concen: 2.416 ppbv
RT: 3.616 min Scan# 258
Delta R.T. 0.016 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

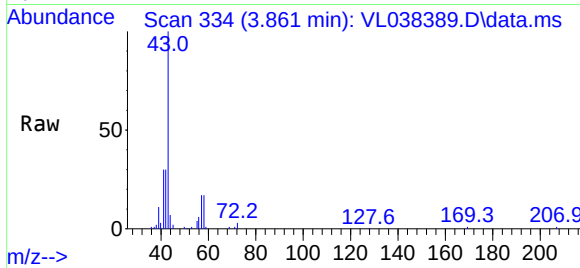
Tgt Ion: 45 Resp: 12686
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8#





#15
Acetone
Concen: 0.360 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

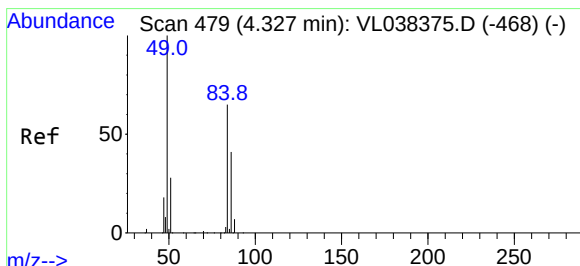
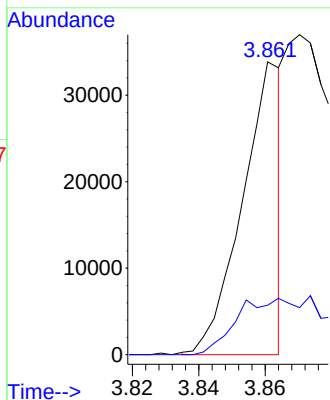
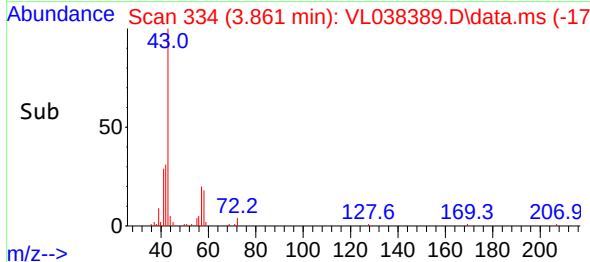
Instrument :
MSVOA_L
ClientSampleId :
BG-TEDL



Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 65.9 21.7 32.5

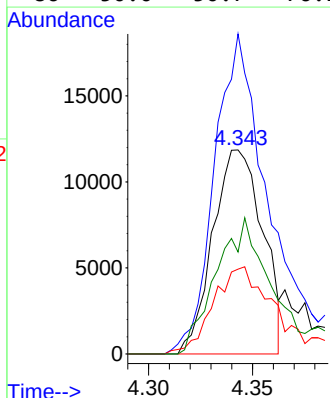
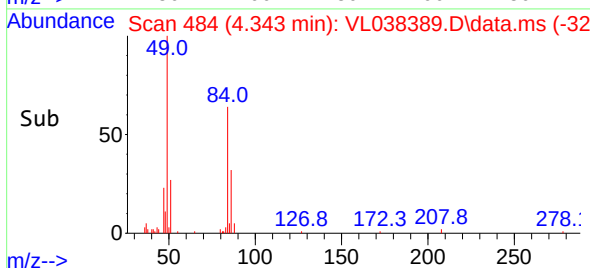
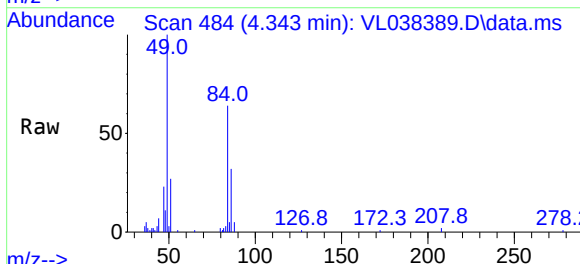
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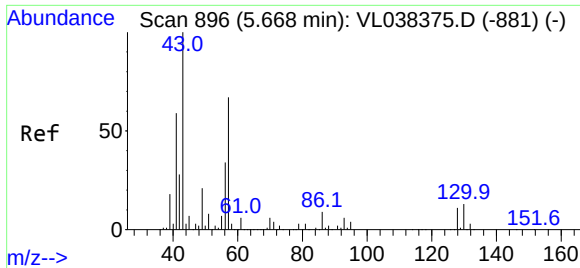
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 0.521 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.016 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

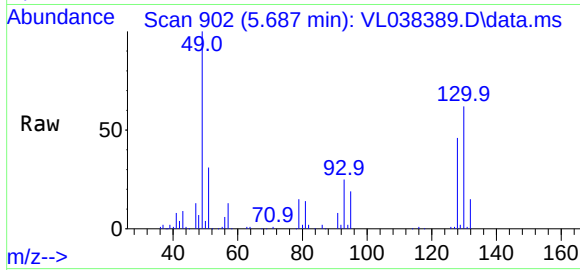
Tgt Ion: 84 Resp: 19803
Ion Ratio Lower Upper
84 100
49 152.0 122.4 183.6
51 39.4 33.3 49.9
86 50.0 50.7 76.1#





#26
Hexane
Concen: 0.102 ppbv
RT: 5.687 min Scan# 90
Delta R.T. 0.019 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

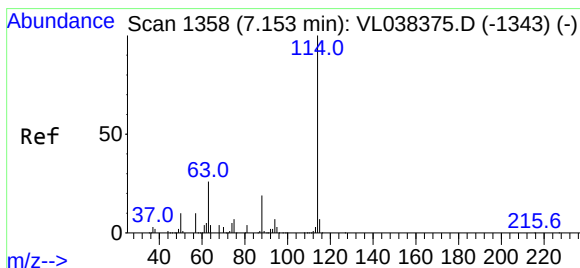
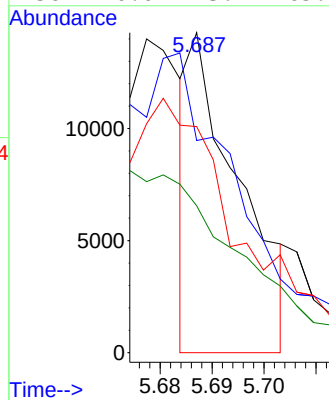
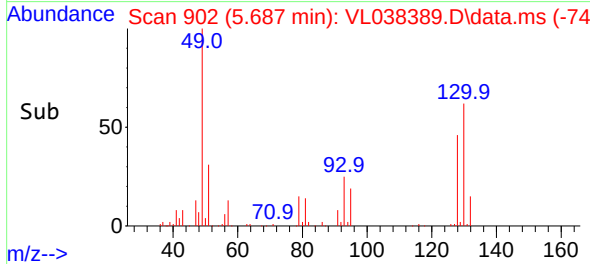
Instrument :
MSVOA_L
ClientSampleId :
BG-TEDL



Tgt Ion: 57 Resp: 950
Ion Ratio Lower Upper
57 100
41 288.7 73.1 109.7
43 241.5 181.0 271.4
56 0.0 43.4 65.0#

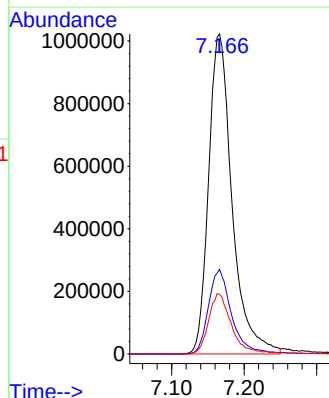
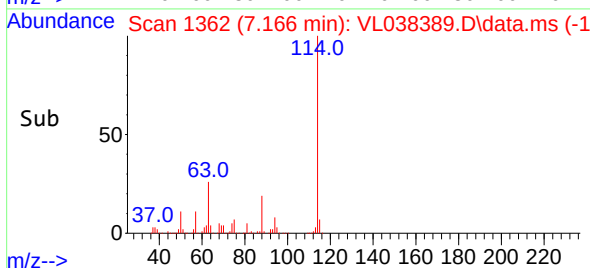
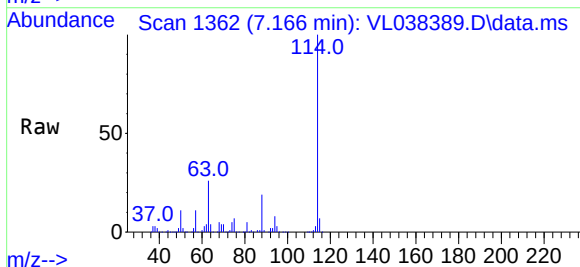
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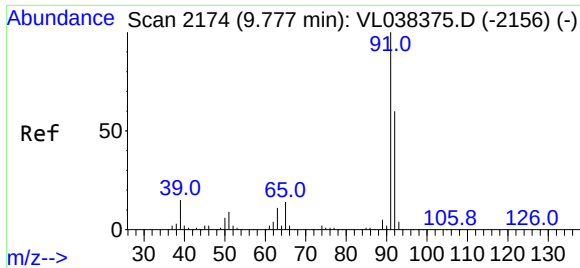
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

Tgt Ion:114 Resp: 2296268
Ion Ratio Lower Upper
114 100
63 26.5 22.2 33.2
88 18.7 15.2 22.8





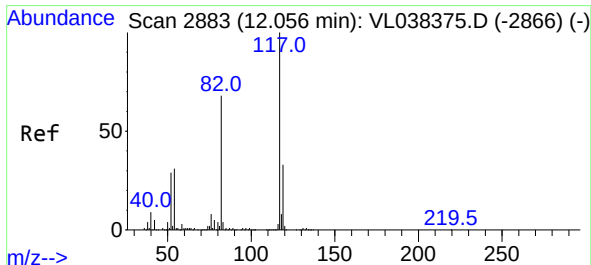
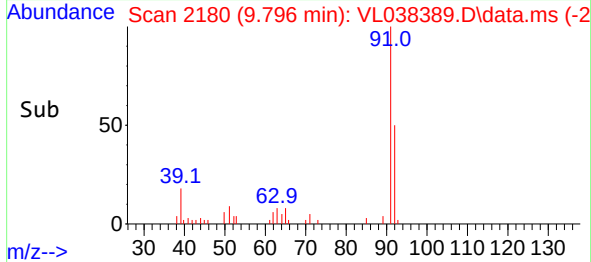
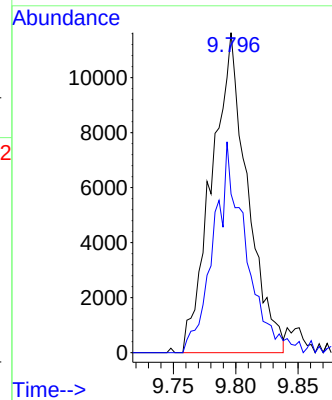
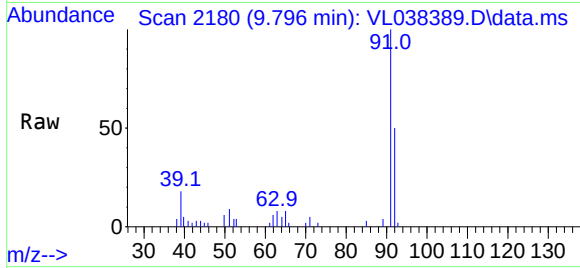
#53
Toluene
Concen: 0.106 ppbv
RT: 9.796 min Scan# 2174
Delta R.T. 0.019 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

Instrument :
MSVOA_L
ClientSampleId :
BG-TEDL

Tgt Ion: 91 Resp: 2318
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.4

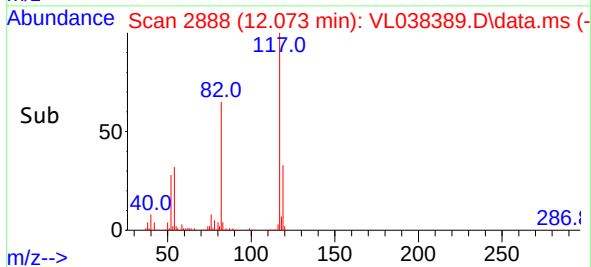
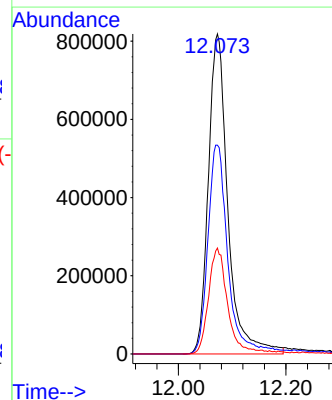
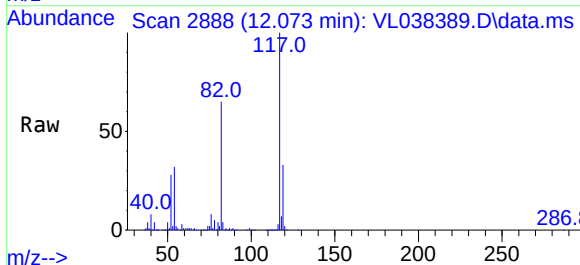
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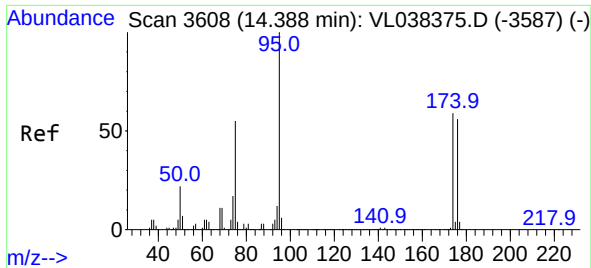
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. 0.016 min
Lab File: VL038389.D
Acq: 22 Feb 2022 15:00

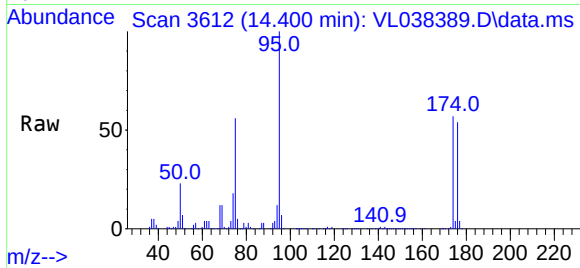
Tgt Ion:117 Resp: 2064701
Ion Ratio Lower Upper
117 100
82 69.4 54.9 82.3
119 33.1 46.1 69.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.316 ppbv
 RT: 14.400 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL038389.D
 Acq: 22 Feb 2022 15:00

Instrument :
 MSVOA_L
 ClientSampleId :
 BG-TEDL



Tgt Ion: 95 Resp: 159155
 Ion Ratio Lower Upper
 95 100
 174 63.6 49.0 73.4
 175 4.5 3.6 5.4

Manual Integrations
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