

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038344.D
 Acq On : 14 Feb 2022 17:34
 Operator : SY/AP
 Sample : N1442-01DL2 150X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:41:18 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	896576	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.156	114	2478505	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2120024	10.000	ppbv	#-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1749519	10.873	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.700%	
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.983	51	29387	0.165	ppbv	97
9) Propene	3.015	41	12892m	0.222	ppbv	
13) Ethanol	3.629	45	5330m	0.855	ppbv	
15) Acetone	3.848	43	389150	4.924	ppbv	96
26) Hexane	5.674	57	22628m	0.220	ppbv	
29) Chloroform	5.732	83	30181m	0.180	ppbv	
31) cis-1,2-Dichloroethene	5.526	61	15785m	0.176	ppbv	
34) 2-Butanone	5.250	43	22137m	0.273	ppbv	
38) Trichloroethene	7.809	130	31014m	0.380	ppbv	
52) Tetrachloroethene	11.201	164	2381278	31.516	ppbv	99

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

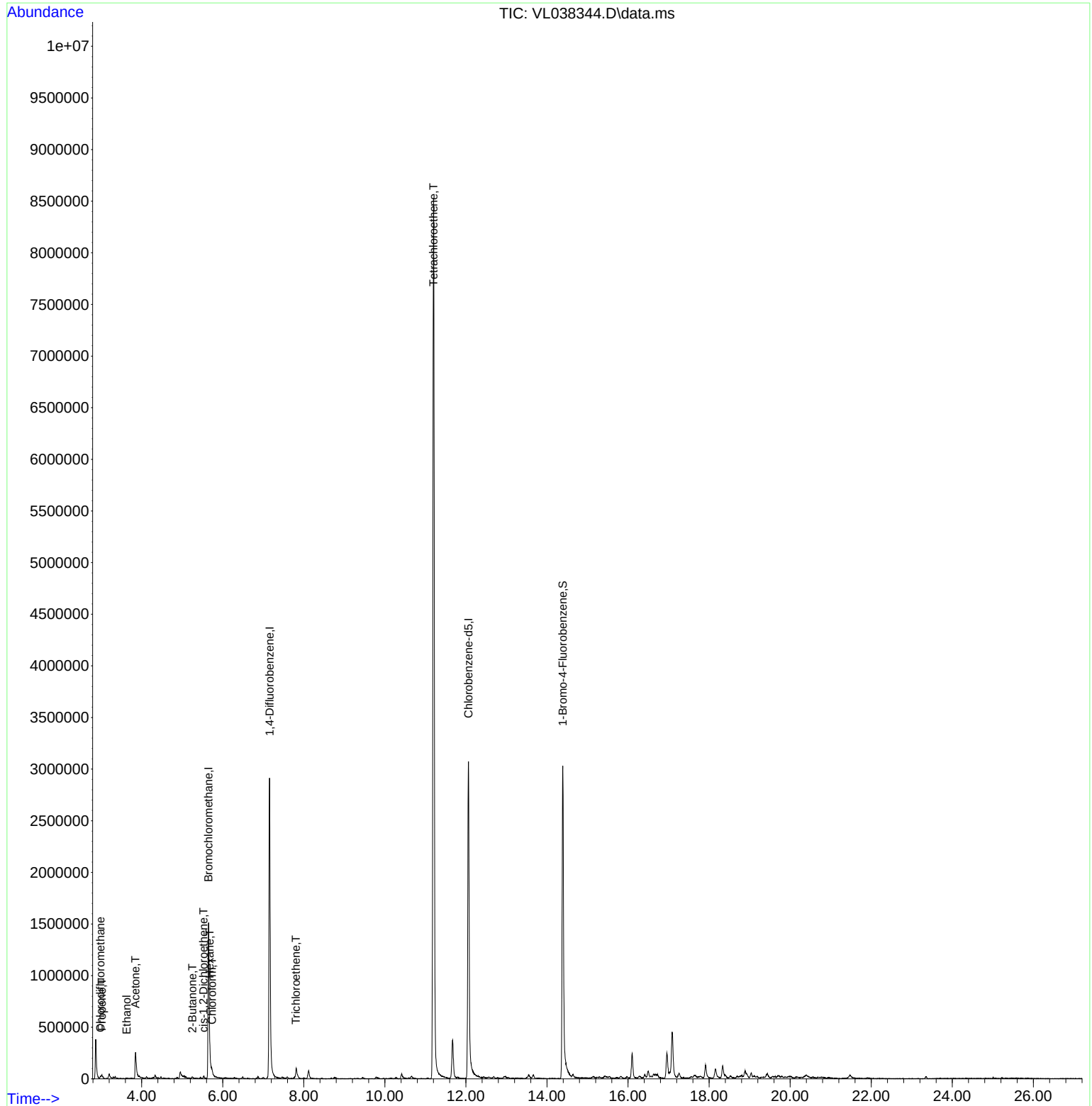
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038344.D
Acq On : 14 Feb 2022 17:34
Operator : SY/AP
Sample : N1442-01DL2 150X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

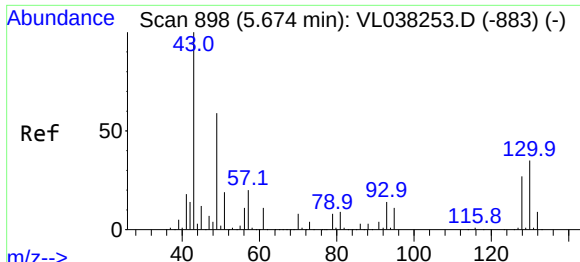
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

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Supervised By :Mahesh Dadoda 02/18/2022

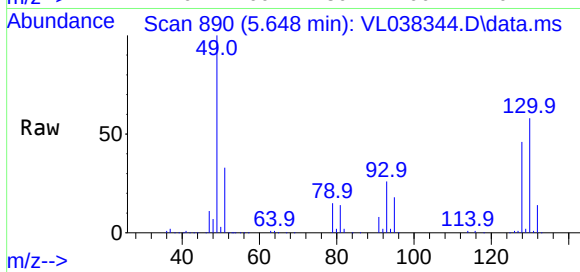
Quant Time: Feb 15 00:41:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.026 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

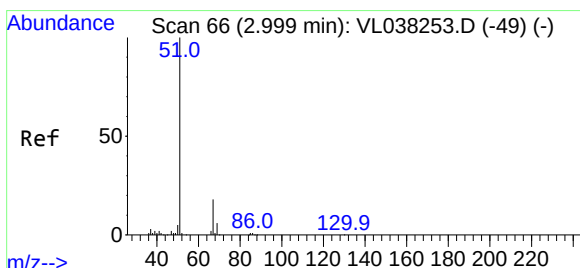
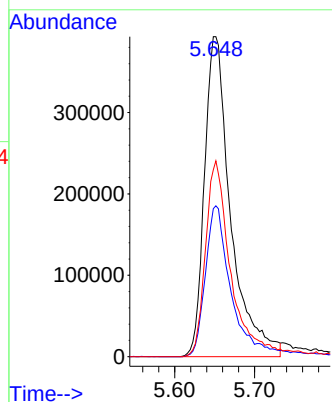
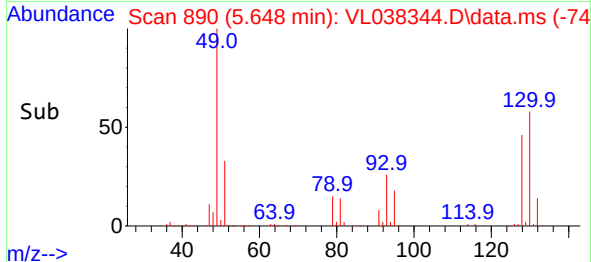
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



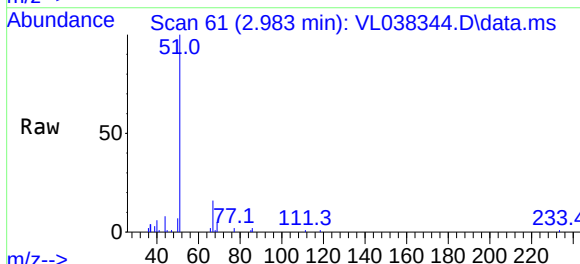
Tgt Ion: 49 Resp: 896570
Ion Ratio Lower Upper
49 100
128 48.8 24.5 73.5
130 61.6 30.1 90.5

Manual Integrations
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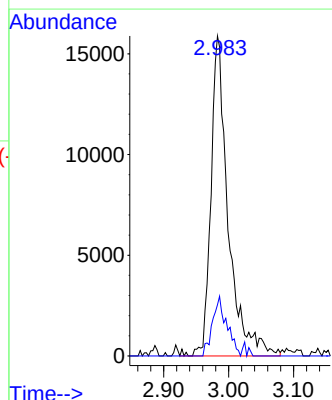
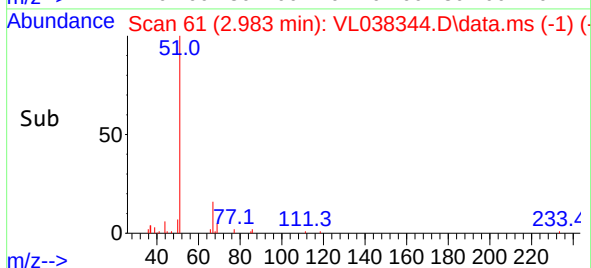
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

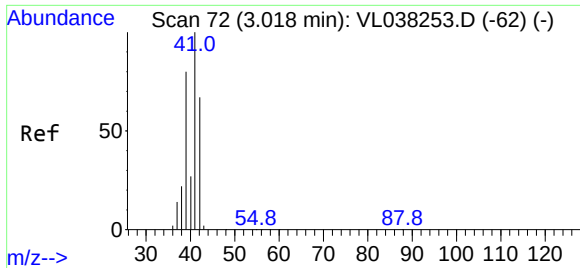


#3
Chlorodifluoromethane
Concen: 0.165 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34



Tgt Ion: 51 Resp: 29387
Ion Ratio Lower Upper
51 100
67 16.5 14.4 21.6





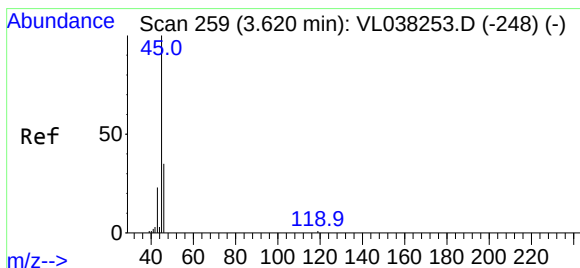
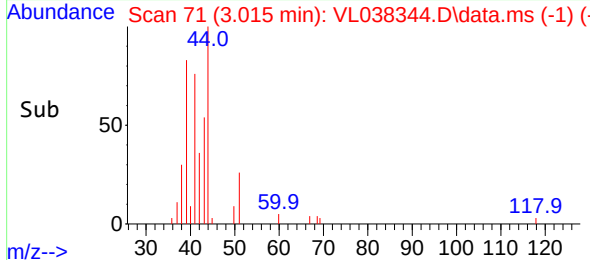
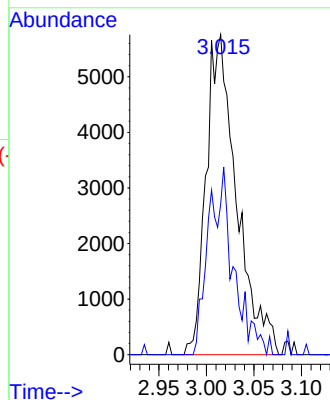
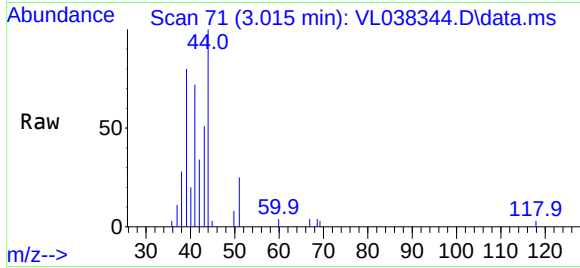
#9
Propene
Concen: 0.222 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 41 Resp: 1289
Ion Ratio Lower Upper
41 100
42 0.0 54.9 82.3

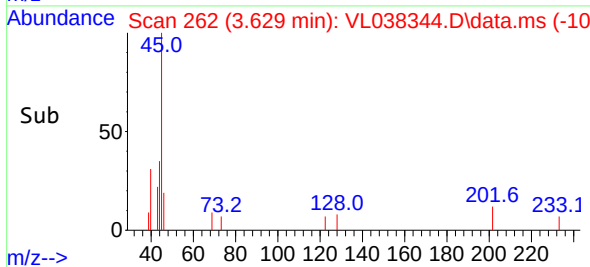
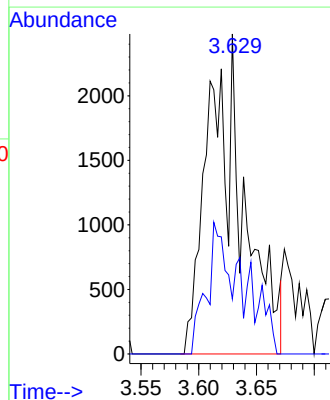
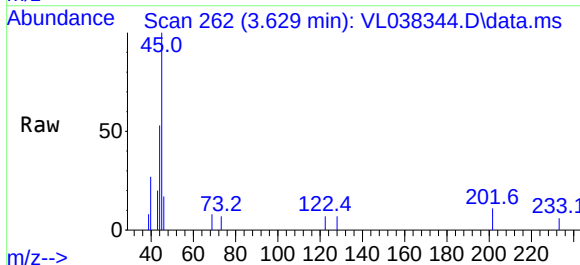
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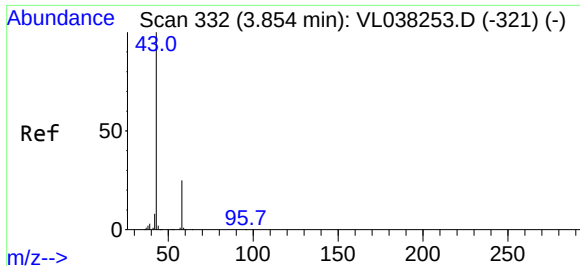
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 0.855 ppbv m
RT: 3.629 min Scan# 262
Delta R.T. 0.010 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

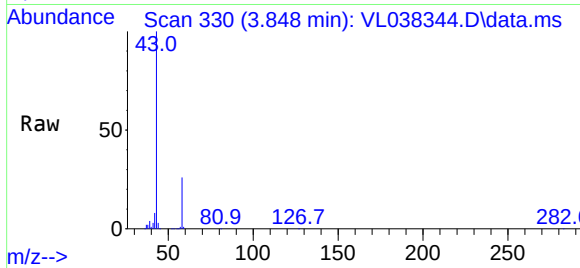
Tgt Ion: 45 Resp: 5330
Ion Ratio Lower Upper
45 100
46 0.0 15.4 61.6





#15
Acetone
Concen: 4.924 ppbv
RT: 3.848 min Scan# 311
Delta R.T. -0.006 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

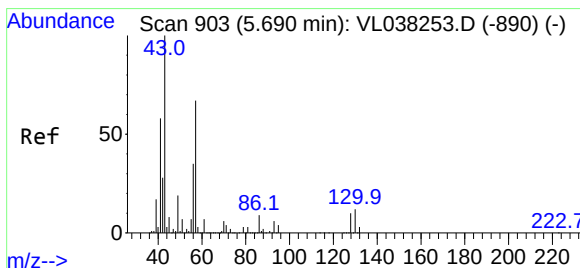
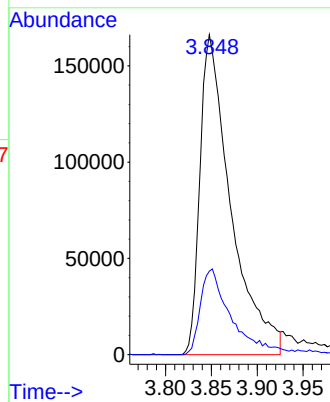
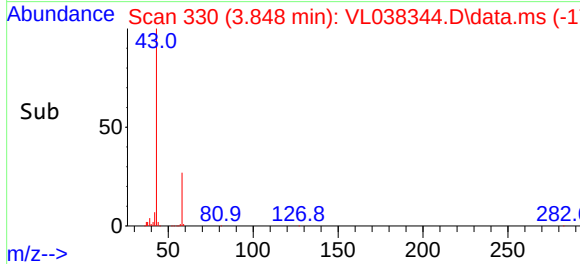
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 43 Resp: 389150
Ion Ratio Lower Upper
43 100
58 28.7 21.5 32.3

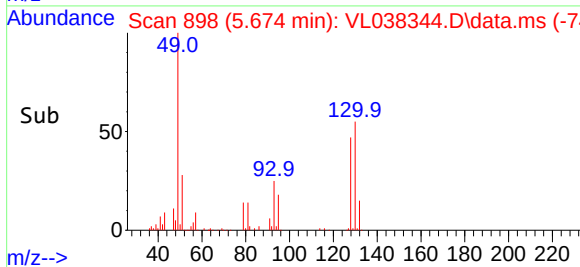
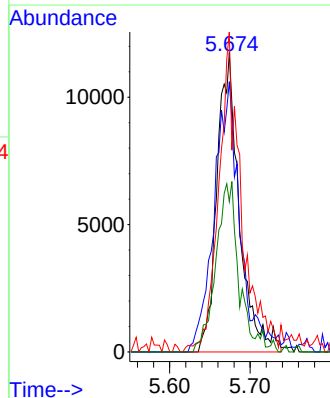
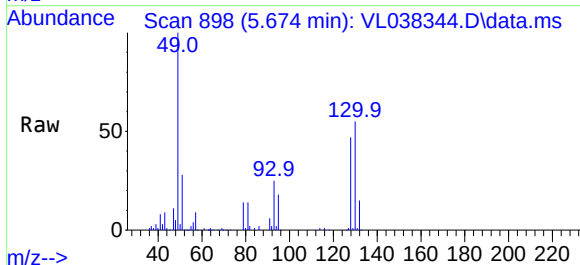
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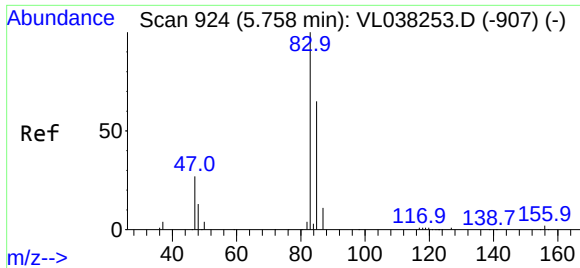
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#26
Hexane
Concen: 0.220 ppbv m
RT: 5.674 min Scan# 898
Delta R.T. -0.016 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

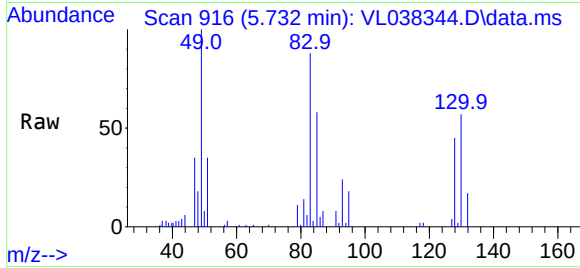
Tgt Ion: 57 Resp: 22628
Ion Ratio Lower Upper
57 100
41 0.0 72.8 109.2#
43 0.0 177.0 265.6#
56 0.0 43.3 64.9#





#29
Chloroform
Concen: 0.180 ppbv m
RT: 5.732 min Scan# 916
Delta R.T. -0.026 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

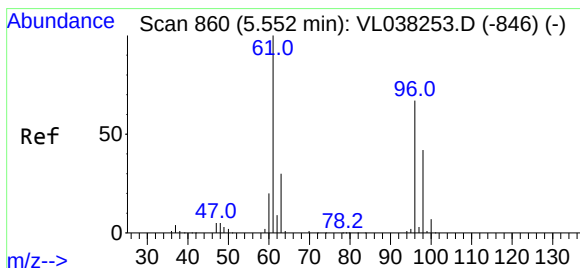
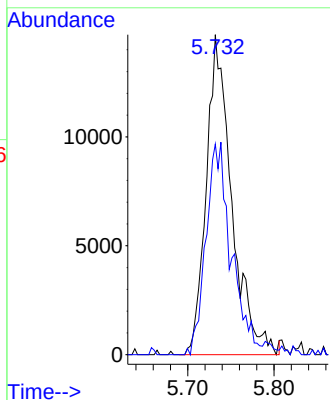
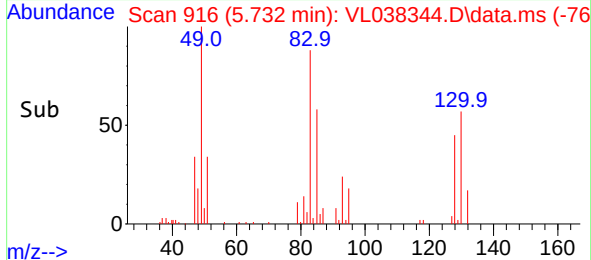
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 83 Resp: 3018
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9

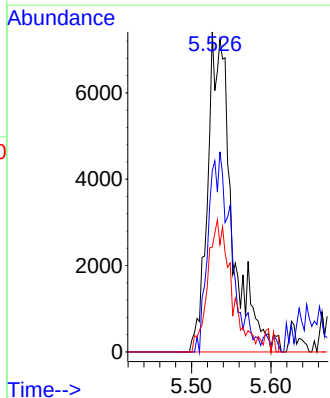
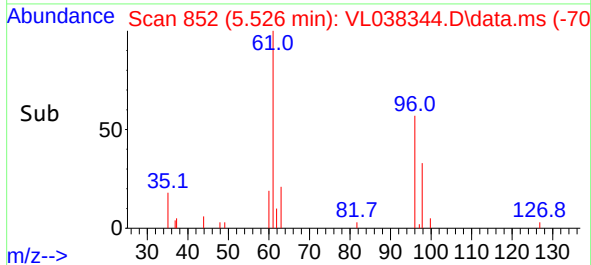
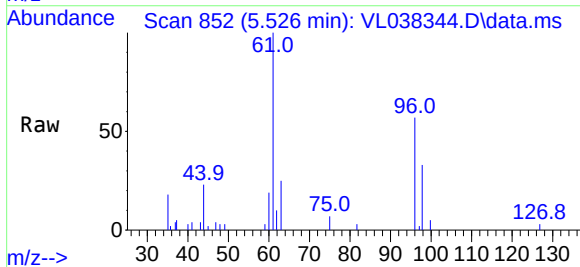
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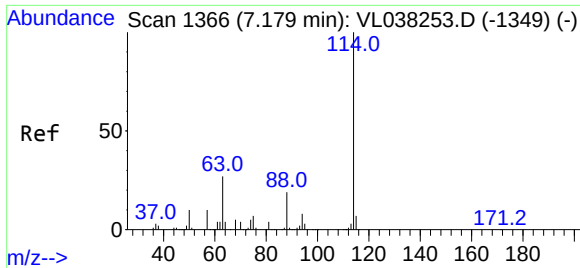
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#31
cis-1,2-Dichloroethene
Concen: 0.176 ppbv m
RT: 5.526 min Scan# 852
Delta R.T. -0.026 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

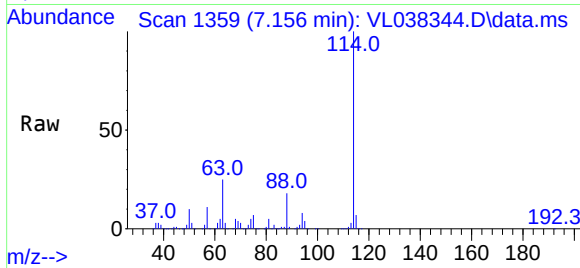
Tgt Ion: 61 Resp: 15785
Ion Ratio Lower Upper
61 100
96 56.6 53.3 79.9
98 32.8 33.7 50.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1114
Delta R.T. -0.023 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

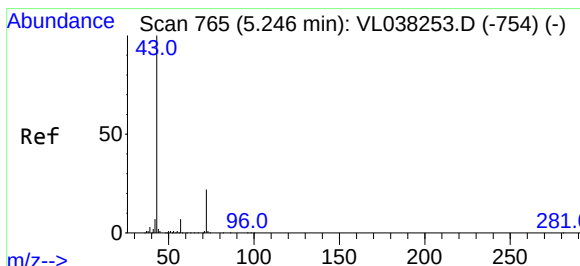
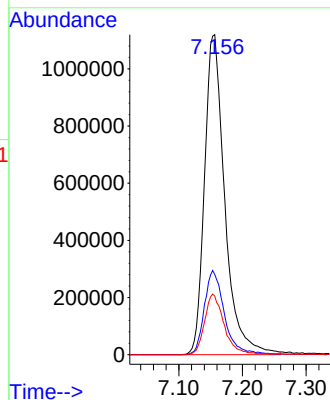
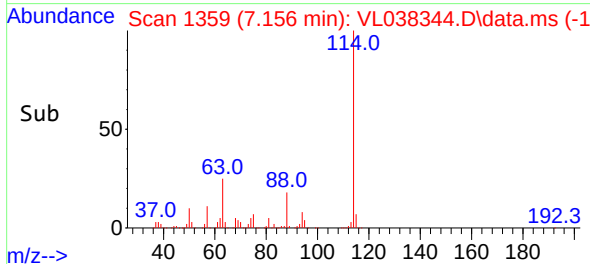
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion:114 Resp: 247850
Ion Ratio Lower Upper
114 100
63 26.3 22.0 33.0
88 18.6 15.0 22.6

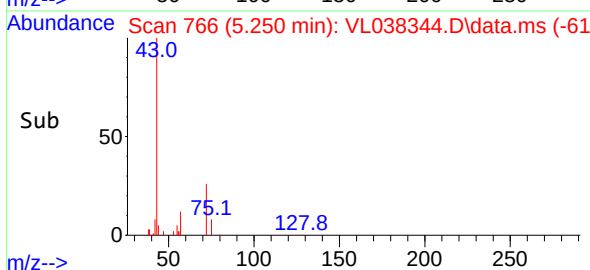
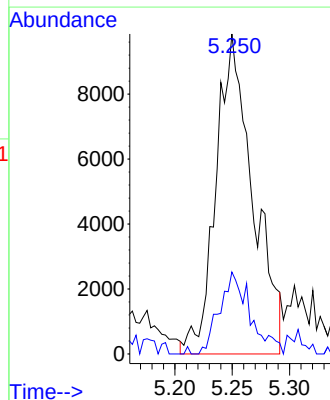
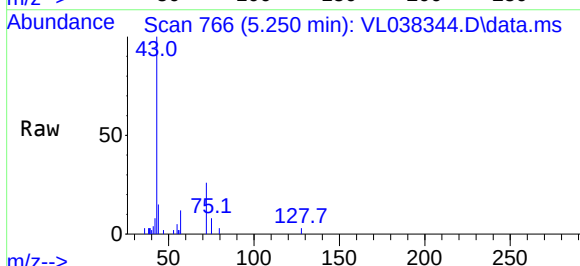
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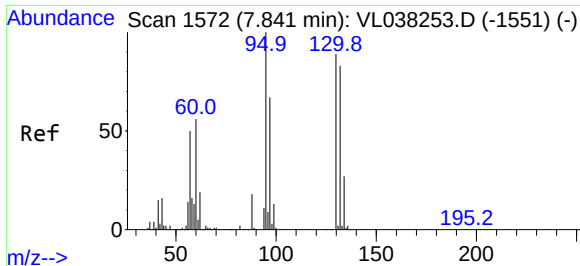
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#34
2-Butanone
Concen: 0.273 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

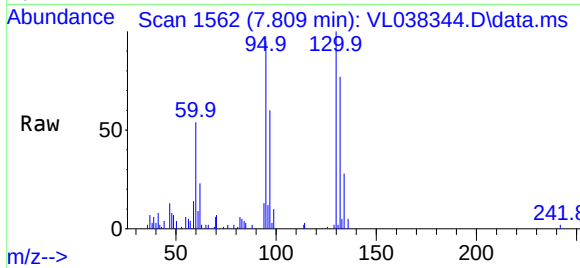
Tgt Ion: 43 Resp: 22137
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1#





#38
Trichloroethene
Concen: 0.380 ppbv m
RT: 7.809 min Scan# 1
Delta R.T. -0.032 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

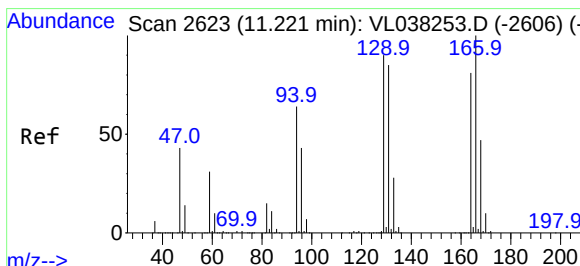
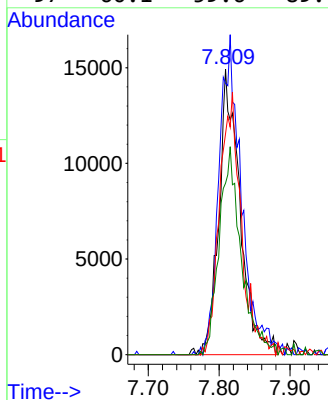
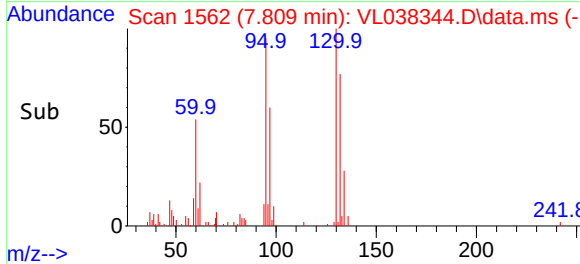


Tgt Ion:130 Resp: 31014

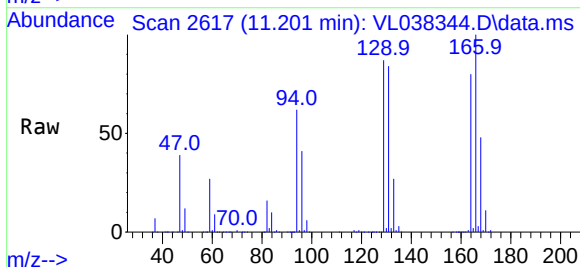
Ion	Ratio	Lower	Upper
130	100		
95	95.0	89.4	134.2
132	77.5	74.6	111.8
97	60.1	59.6	89.4

Manual Integrations
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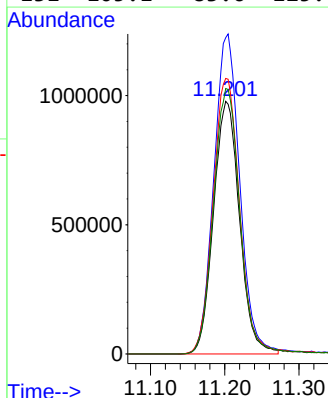
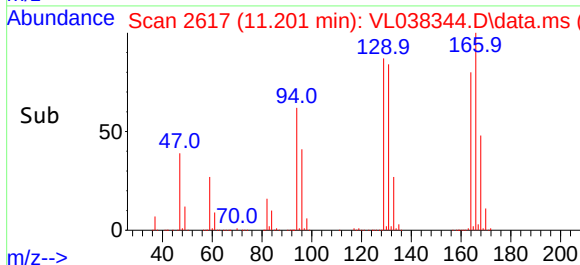


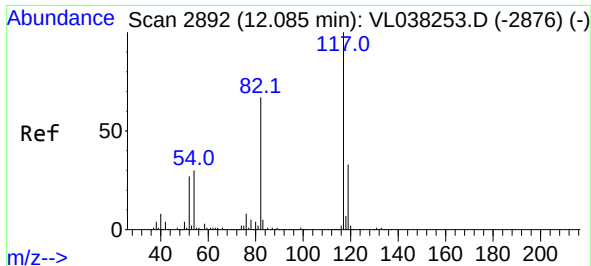
#52
Tetrachloroethene
Concen: 31.516 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.019 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34



Tgt Ion:164 Resp: 2381278

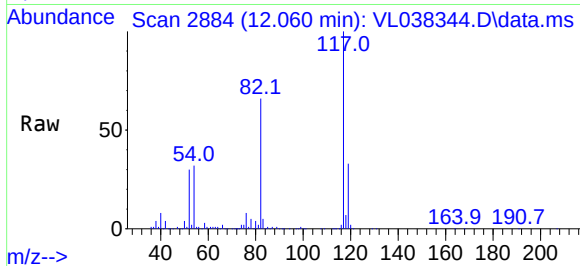
Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.8	148.2
129	109.1	89.2	133.8
131	105.1	83.6	125.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34

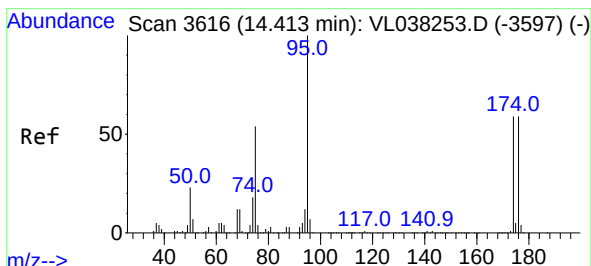
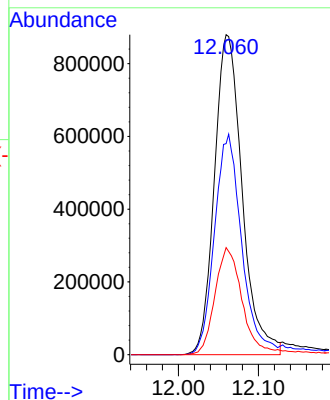
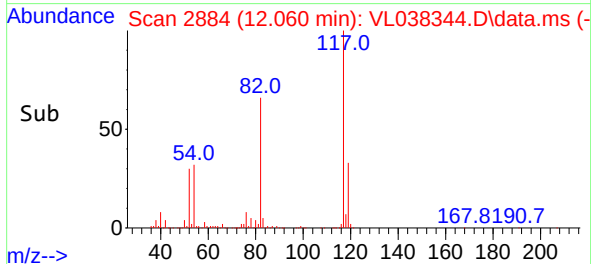
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



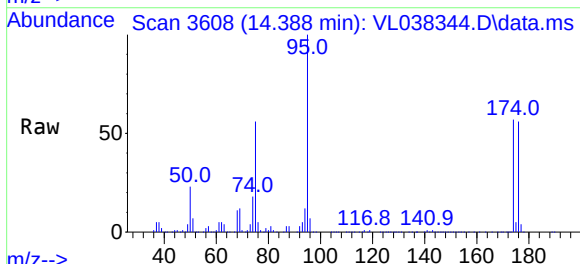
Tgt Ion: 117 Resp: 2120024
Ion Ratio Lower Upper
117 100
82 70.9 54.4 81.6
119 34.7 45.9 68.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.873 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.026 min
Lab File: VL038344.D
Acq: 14 Feb 2022 17:34



Tgt Ion: 95 Resp: 1749519
Ion Ratio Lower Upper
95 100
174 60.0 48.3 72.5
175 4.5 3.5 5.3

