

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038952.D
 Acq On : 19 Apr 2022 16:31
 Operator : SY/AP
 Sample : N2465-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 04:26:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 0
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1081833	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.182	114	2938913	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2572253	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1996880	10.234	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	11086m	0.159	ppbv	
13) Ethanol	3.626	45	21127m	4.977	ppbv	
15) Acetone	3.867	43	306084m	2.842	ppbv	
19) Isopropyl Alcohol	3.980	45	273080m	4.961	ppbv	
20) Methylene Chloride	4.353	84	43973	1.126	ppbv	91
23) Vinyl Acetate	5.086	43	49655m	0.473	ppbv	
26) Hexane	5.693	57	77136	0.620	ppbv #	36
29) Chloroform	5.758	83	55054m	0.316	ppbv	
34) 2-Butanone	5.269	43	29361m	0.253	ppbv	
52) Tetrachloroethene	11.227	164	60267	0.645	ppbv	93

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

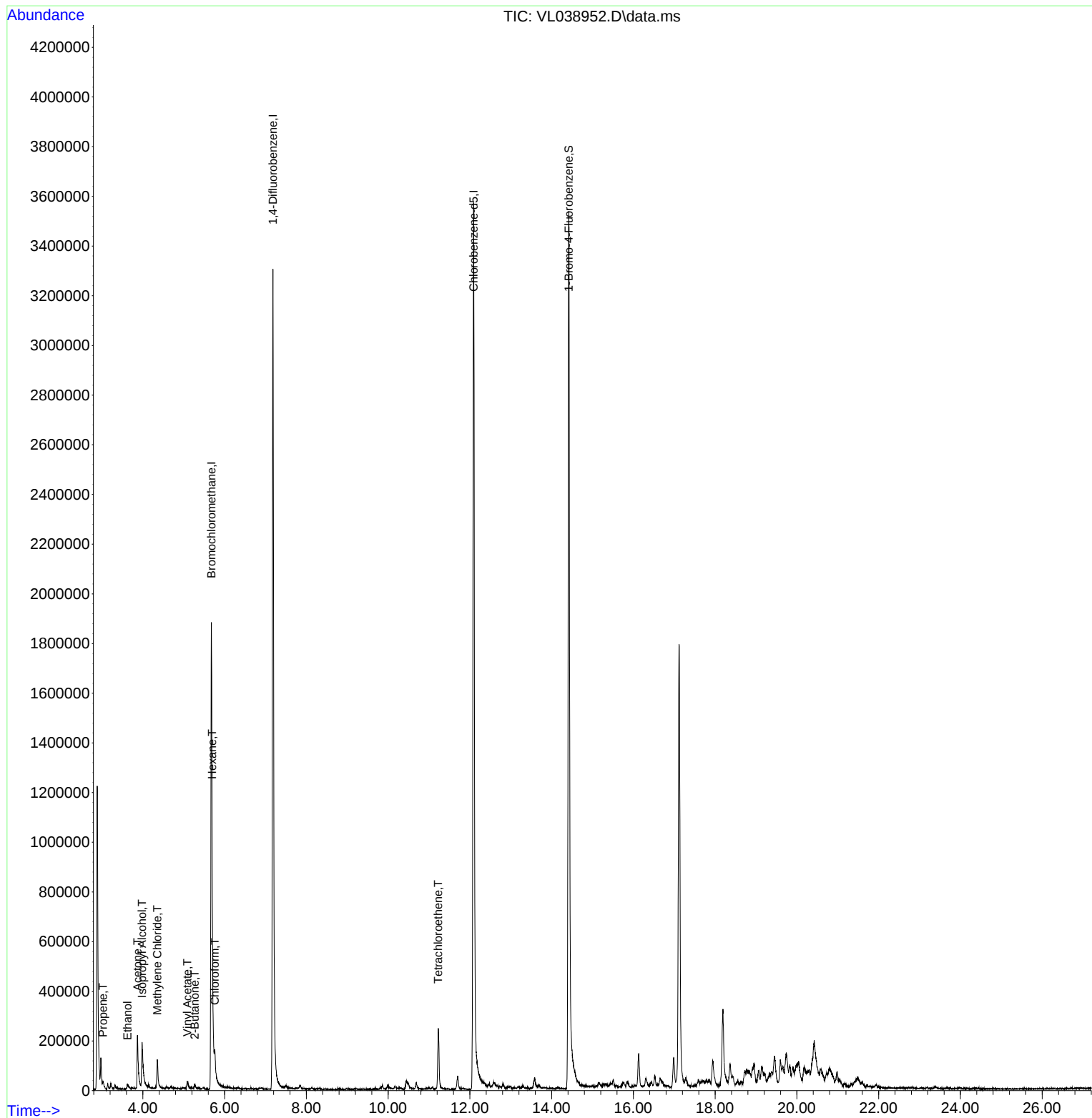
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
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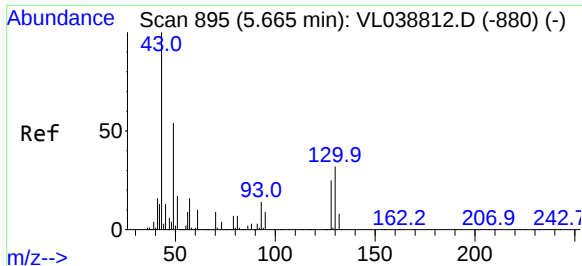
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Apr 20 04:26:56 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
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Manual Integrations
APPROVED

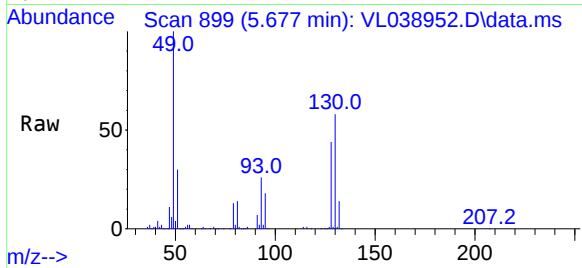
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.013 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

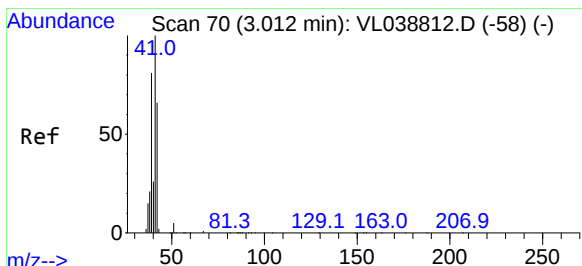
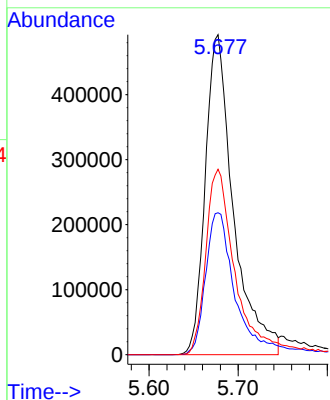
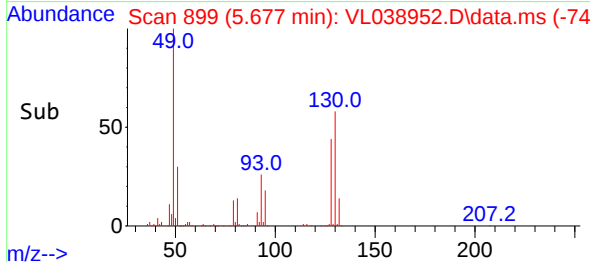
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 49 Resp: 108183
Ion Ratio Lower Upper
49 100
128 49.1 24.1 72.3
130 63.4 30.9 92.8

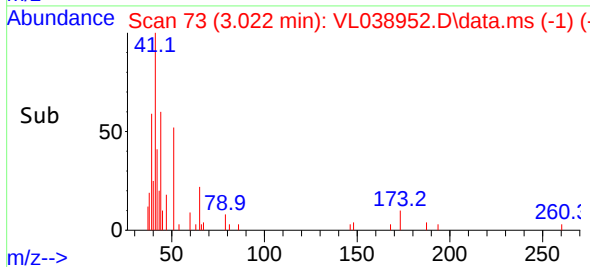
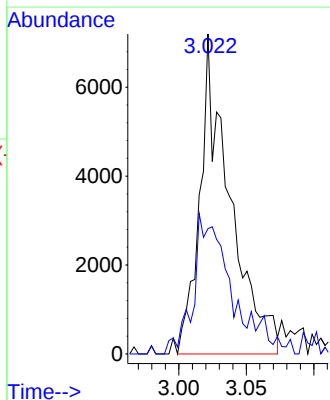
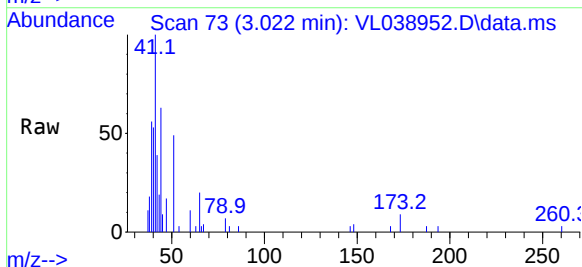
Manual Integrations
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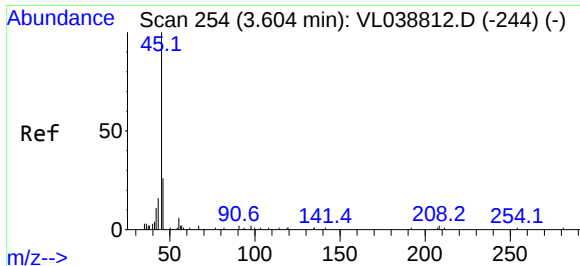
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#9
Propene
Concen: 0.159 ppbv m
RT: 3.022 min Scan# 73
Delta R.T. 0.010 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

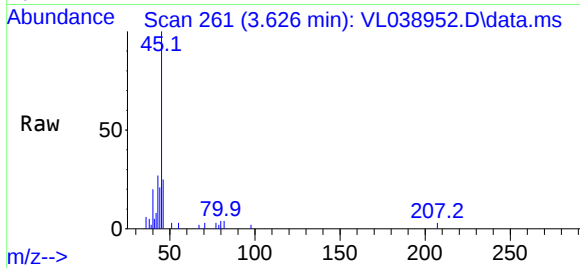
Tgt Ion: 41 Resp: 11086
Ion Ratio Lower Upper
41 100
42 56.6 54.2 81.4





#13
Ethanol
Concen: 4.977 ppbv m
RT: 3.626 min Scan# 2112
Delta R.T. 0.022 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

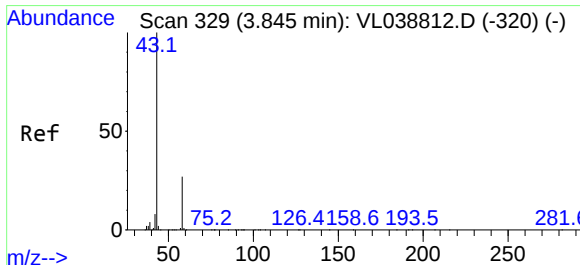
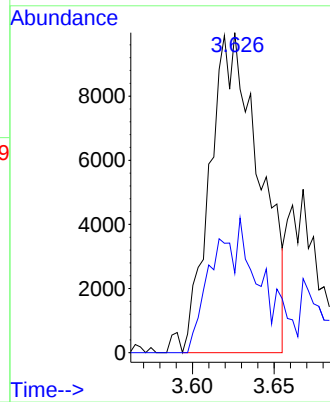
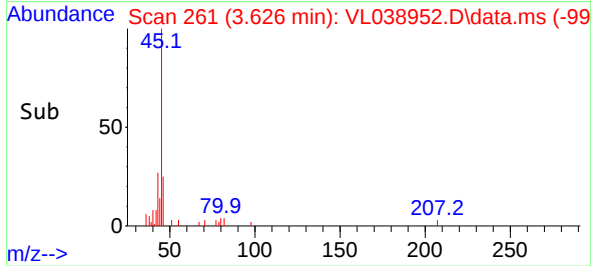
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



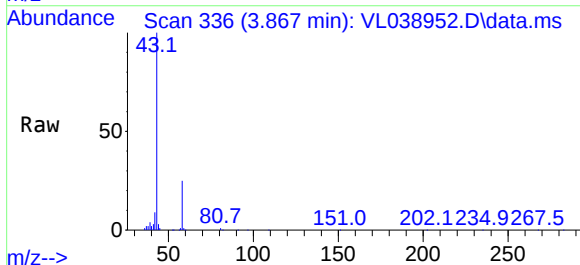
Tgt Ion: 45 Resp: 2112
Ion Ratio Lower Upper
45 100
46 52.3 0.0 0.0

Manual Integrations
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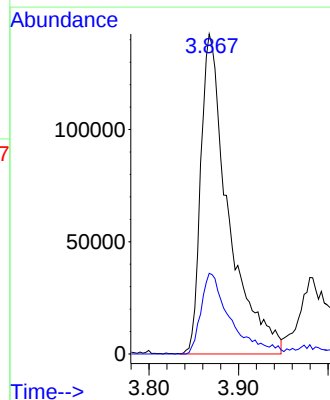
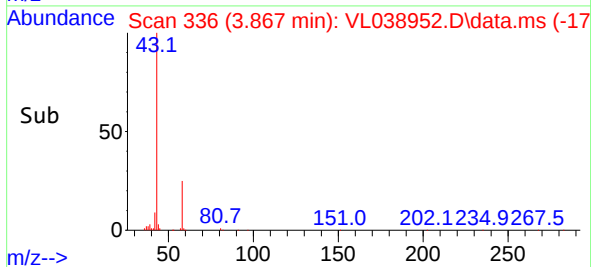
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

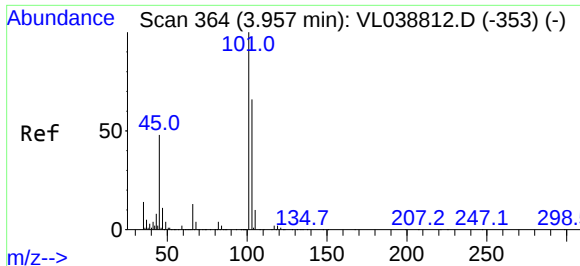


#15
Acetone
Concen: 2.842 ppbv m
RT: 3.867 min Scan# 336
Delta R.T. 0.022 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31



Tgt Ion: 43 Resp: 306084
Ion Ratio Lower Upper
43 100
58 26.7 22.5 33.7





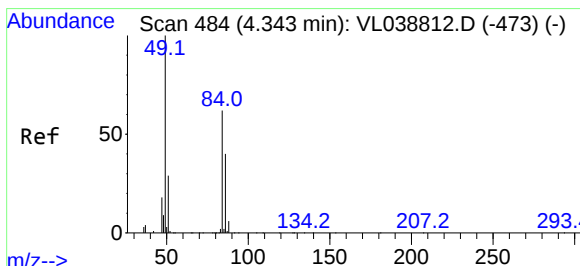
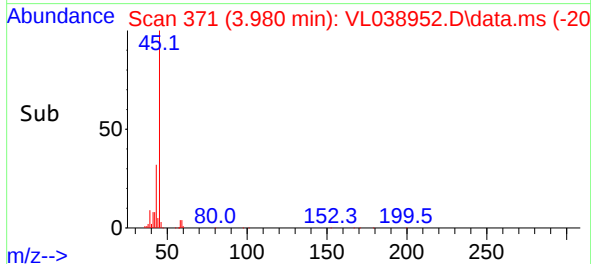
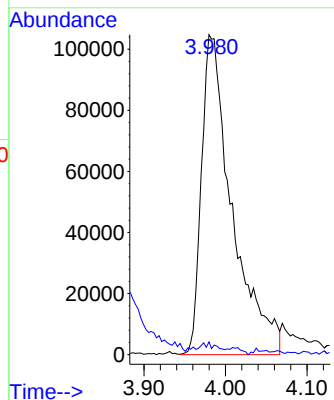
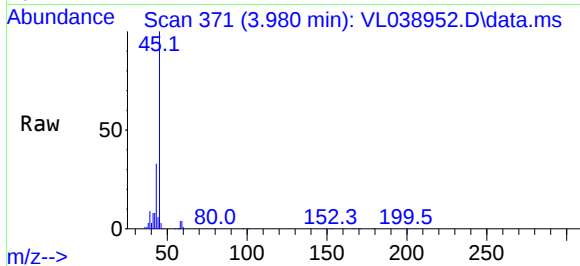
#19
Isopropyl Alcohol
Concen: 4.961 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 45 Resp: 273080
Ion Ratio Lower Upper
45 100
58 3.4 0.0 0.0

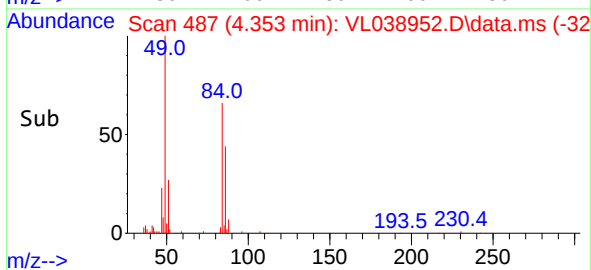
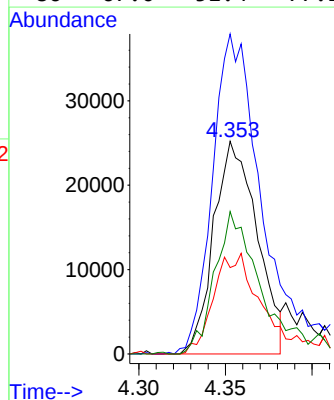
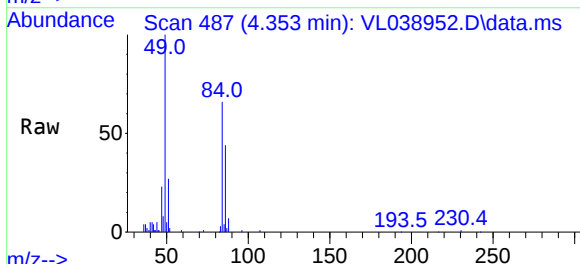
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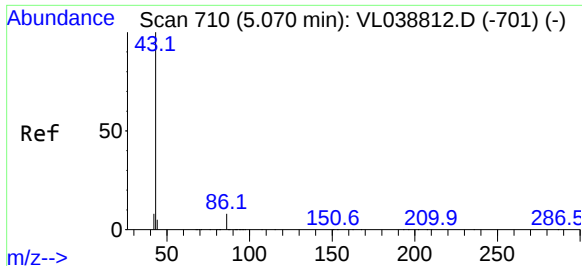
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#20
Methylene Chloride
Concen: 1.126 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.010 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

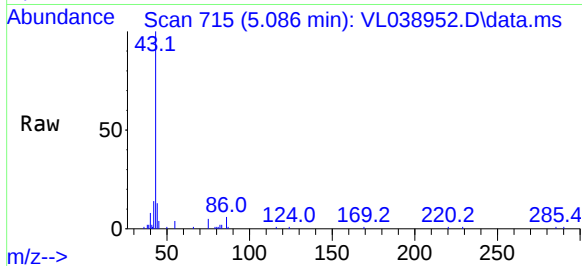
Tgt Ion: 84 Resp: 43973
Ion Ratio Lower Upper
84 100
49 147.9 129.4 194.0
51 40.6 37.4 56.2
86 67.0 51.4 77.2





#23
 Vinyl Acetate
 Concen: 0.473 ppbv m
 RT: 5.086 min Scan# 710
 Delta R.T. 0.016 min
 Lab File: VL038952.D
 Acq: 19 Apr 2022 16:31

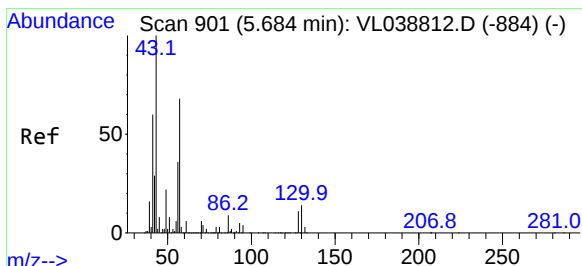
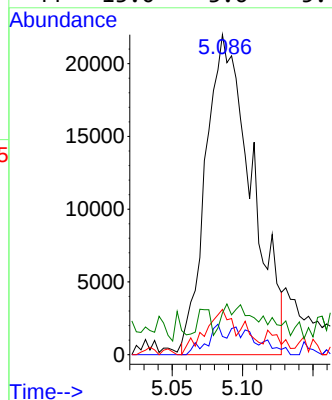
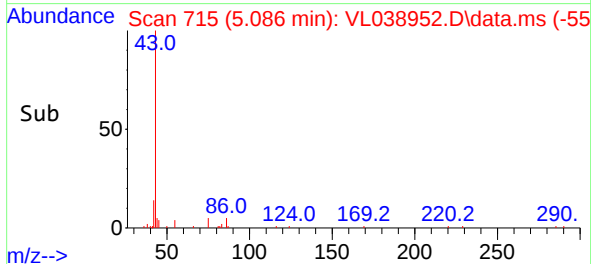
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL



Tgt Ion: 43 Resp: 4965
 Ion Ratio Lower Upper
 43 100
 86 5.7 5.8 8.6
 42 14.1 7.8 11.6
 44 13.0 3.6 5.4

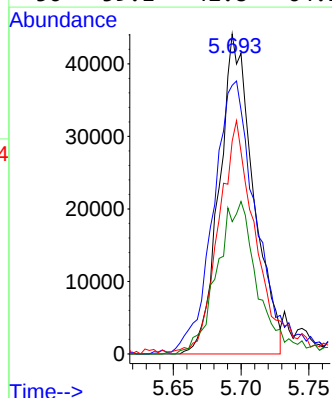
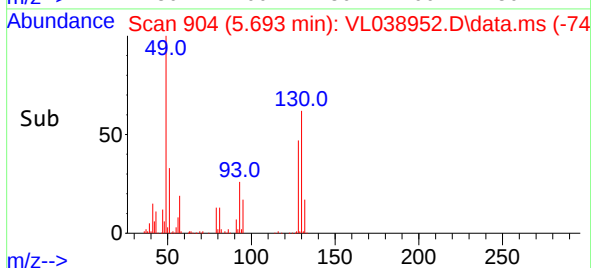
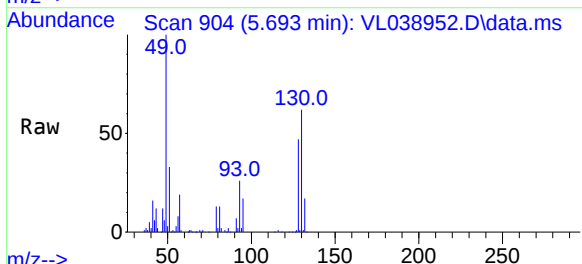
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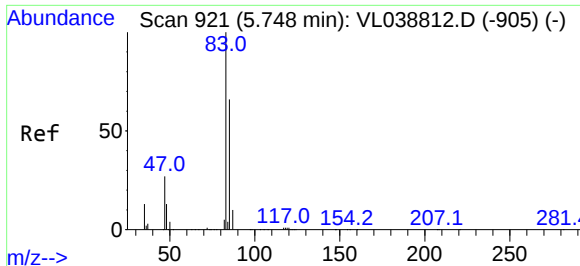
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#26
 Hexane
 Concen: 0.620 ppbv
 RT: 5.693 min Scan# 904
 Delta R.T. 0.010 min
 Lab File: VL038952.D
 Acq: 19 Apr 2022 16:31

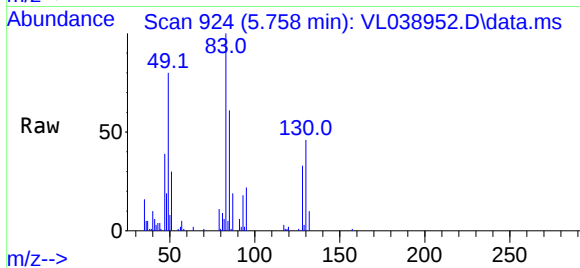
Tgt Ion: 57 Resp: 77136
 Ion Ratio Lower Upper
 57 100
 41 114.3 72.0 108.0#
 43 81.6 186.6 280.0#
 56 59.1 42.8 64.2





#29
Chloroform
Concen: 0.316 ppbv m
RT: 5.758 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

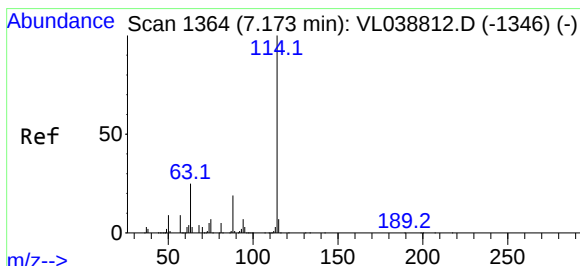
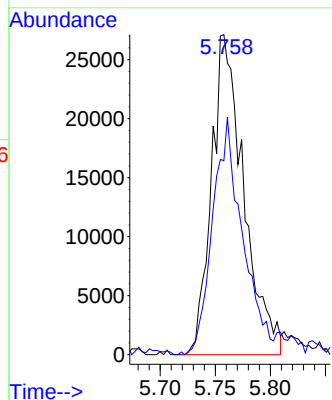
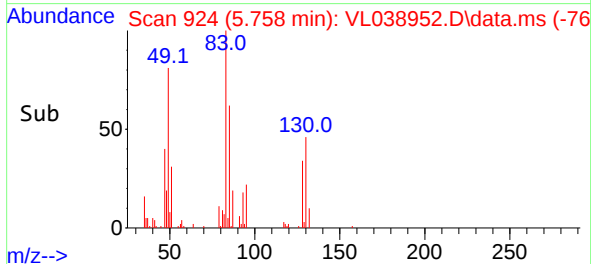
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 83 Resp: 55054
Ion Ratio Lower Upper
83 100
85 60.7 52.5 78.7

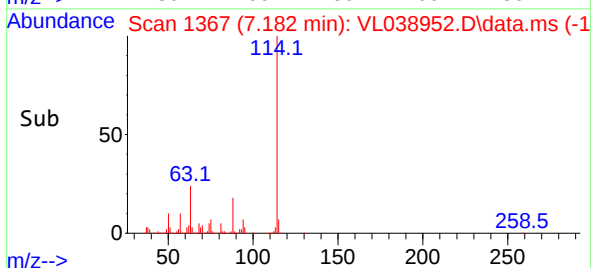
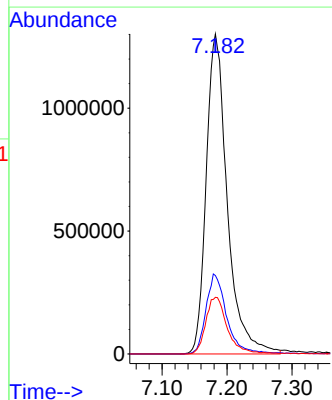
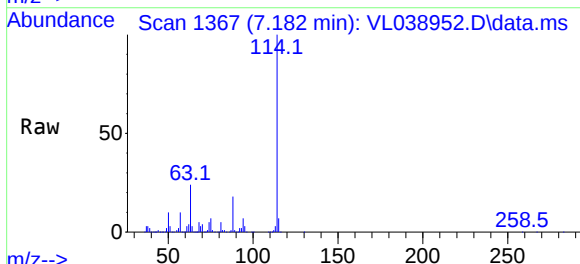
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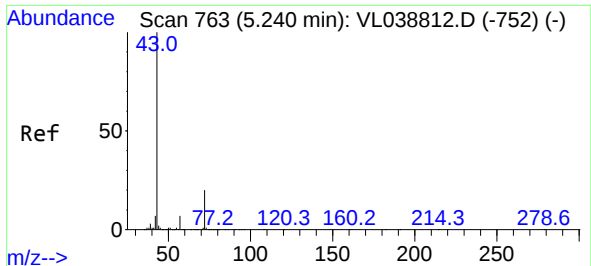
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.010 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

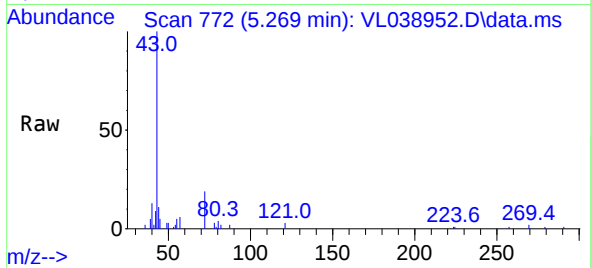
Tgt Ion:114 Resp: 2938913
Ion Ratio Lower Upper
114 100
63 24.9 19.8 29.8
88 18.4 14.2 21.4





#34
2-Butanone
Concen: 0.253 ppbv m
RT: 5.269 min Scan# 71
Delta R.T. 0.029 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

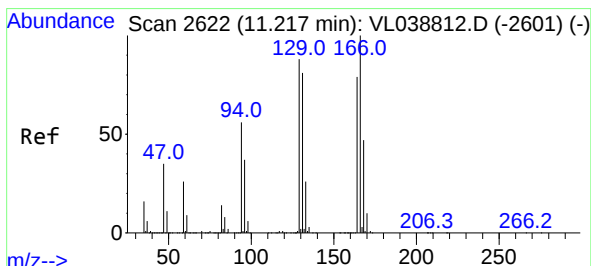
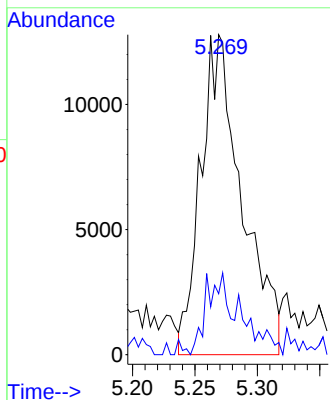
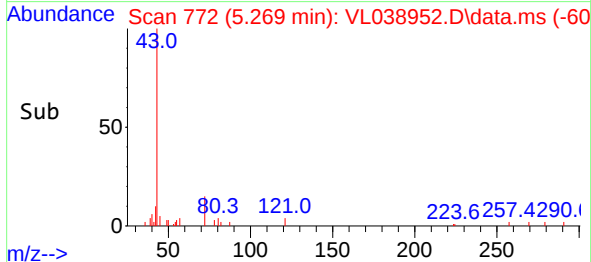
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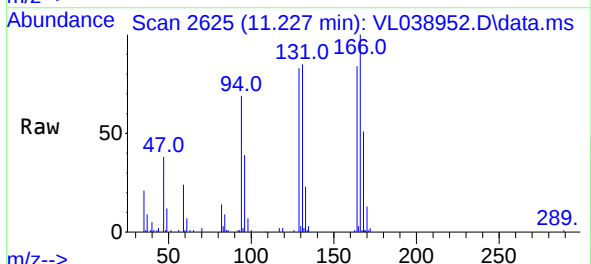
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Ion Ratio Lower Upper
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72 0.0 16.9 25.3

Manual Integrations
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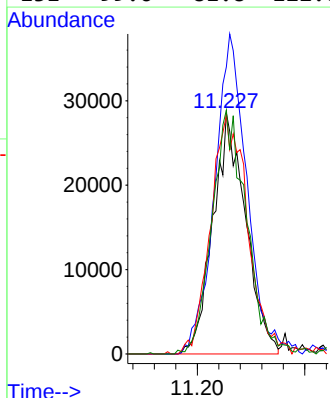
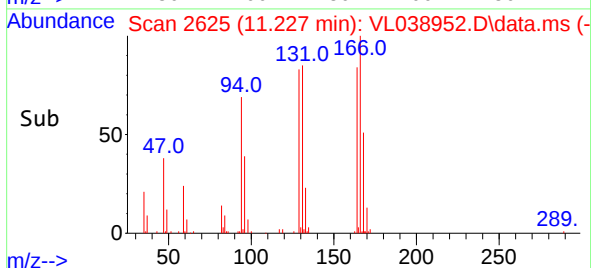
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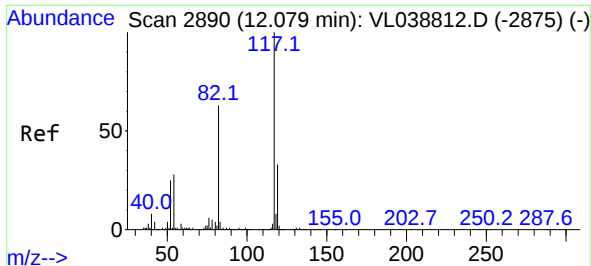


#52
Tetrachloroethene
Concen: 0.645 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31



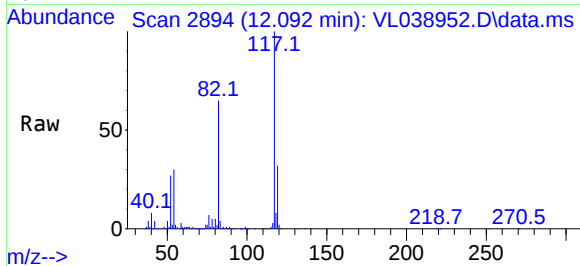
Tgt Ion:164 Resp: 60267
Ion Ratio Lower Upper
164 100
166 119.1 101.0 151.6
129 99.1 88.7 133.1
131 99.6 81.8 122.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31

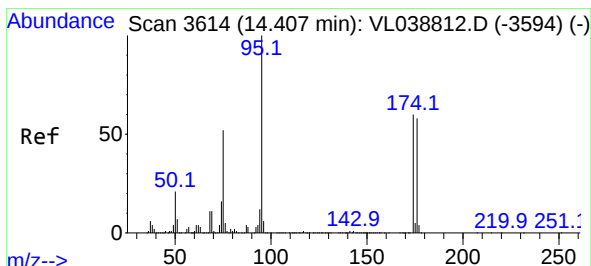
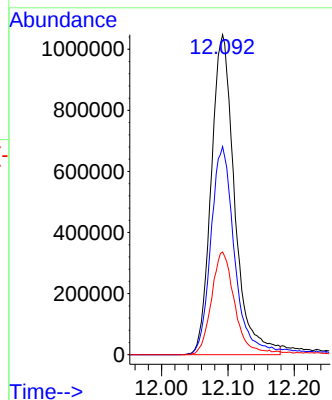
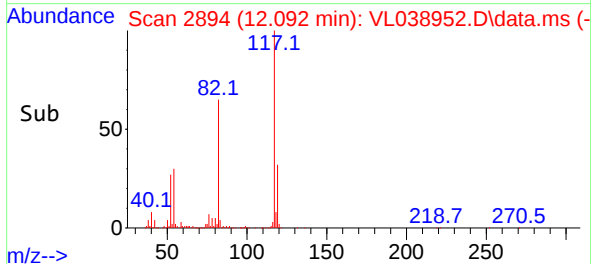
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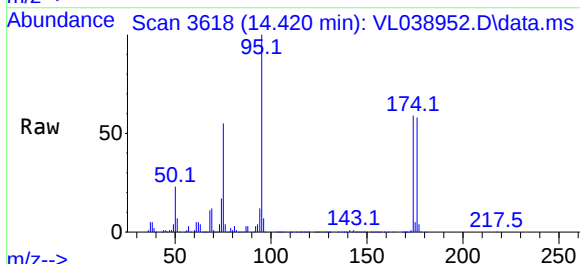
Tgt Ion: 117 Resp: 257225
Ion Ratio Lower Upper
117 100
82 68.1 53.0 79.6
119 34.0 24.9 37.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.234 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.013 min
Lab File: VL038952.D
Acq: 19 Apr 2022 16:31



Tgt Ion: 95 Resp: 1996880
Ion Ratio Lower Upper
95 100
174 63.9 52.0 78.0
175 4.8 4.0 6.0

