

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038353.D
 Acq On : 14 Feb 2022 23:21
 Operator : SY/AP
 Sample : N1490-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 00:42:47 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	5.639	49	735752	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene	7.143	114	2278801	10.000	ppbv	-0.04
55) Chlorobenzene-d5	12.047	117	2050764	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1669048	10.723	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 107.200%	
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.976	51	657483	4.489	ppbv	100
9) Propene	3.009	41	31716	0.665	ppbv #	81
10) Heptane	8.092	43	14411	0.117	ppbv #	83
13) Ethanol	3.603	45	13773m	2.691	ppbv	
15) Acetone	3.851	43	56230m	0.867	ppbv	
20) Methylene Chloride	4.324	84	13907	0.369	ppbv	92
23) Vinyl Acetate	5.050	43	162274	1.721	ppbv #	95
26) Hexane	5.661	57	138322	1.638	ppbv #	27
34) 2-Butanone	5.237	43	21170m	0.284	ppbv	
38) Trichloroethene	7.806	130	37023	0.493	ppbv	90
52) Tetrachloroethene	11.201	164	7604097	109.458	ppbv	90

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

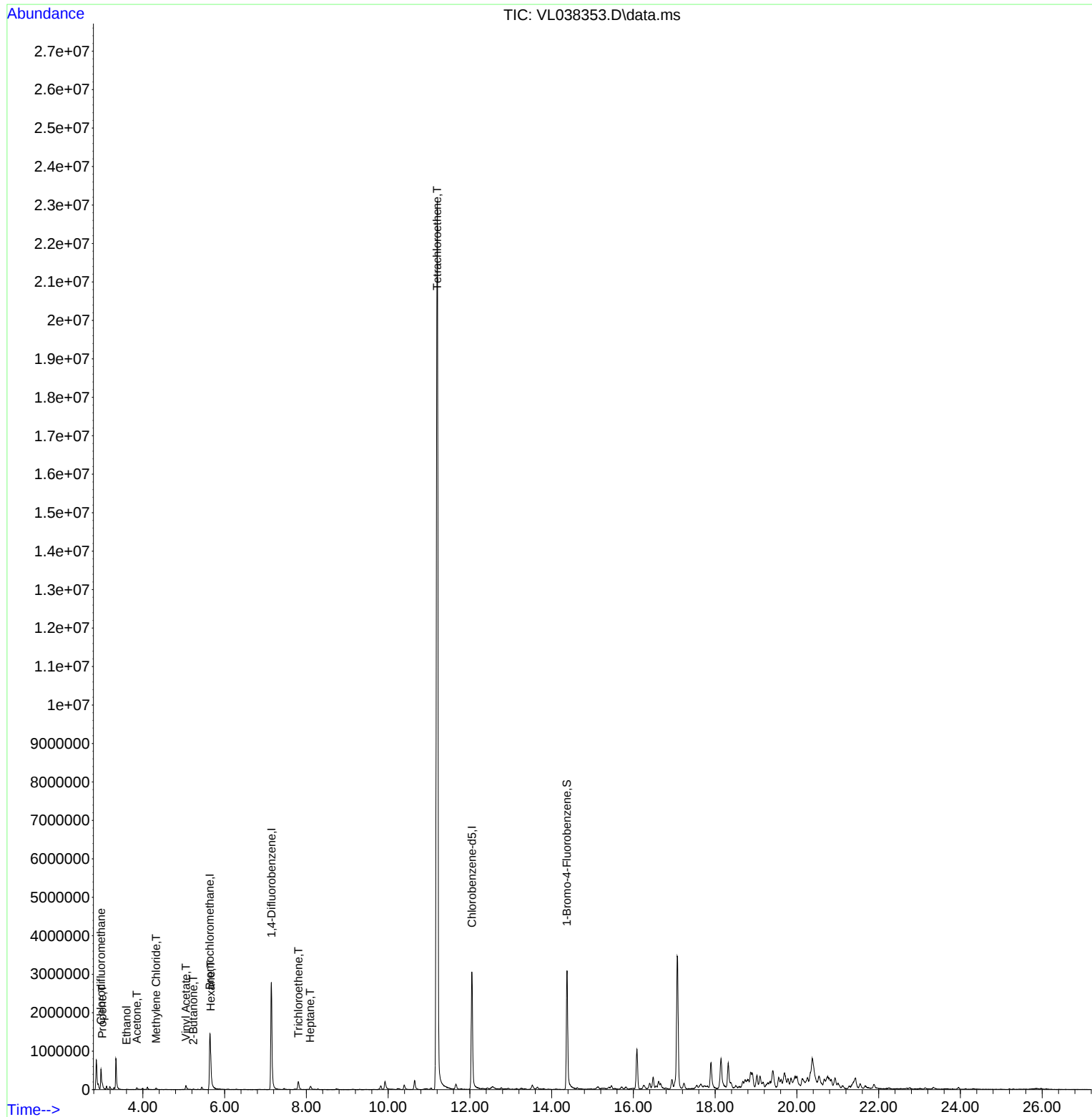
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038353.D
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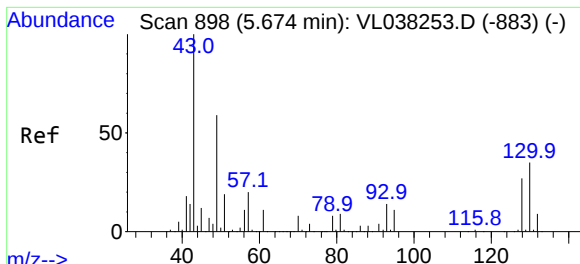
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Feb 15 00:42:47 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

Manual Integrations
APPROVED

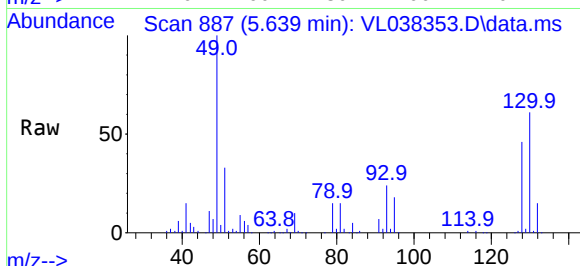
Reviewed By : Semsettin Yesilyurt 02/15/2022
Supervised By : Mahesh Dadoda 02/18/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.035 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

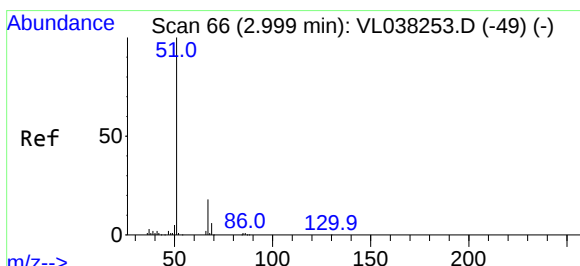
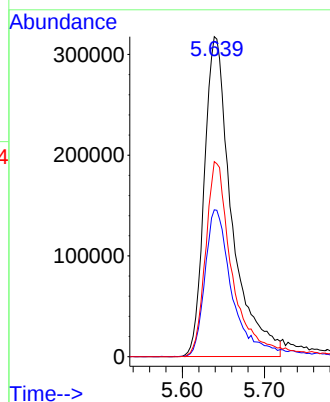
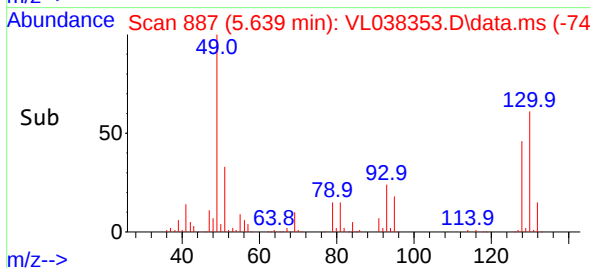
Instrument :
MSVOA_L
ClientSampleId :
SV2



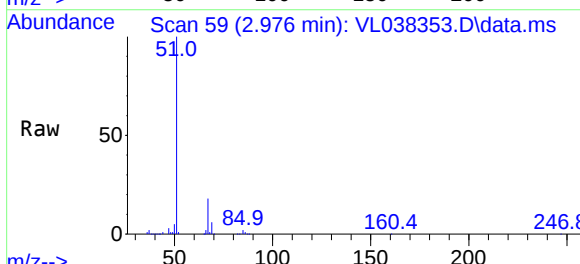
Tgt Ion: 49 Resp: 735752
Ion Ratio Lower Upper
49 100
128 49.0 24.5 73.5
130 62.2 30.1 90.5

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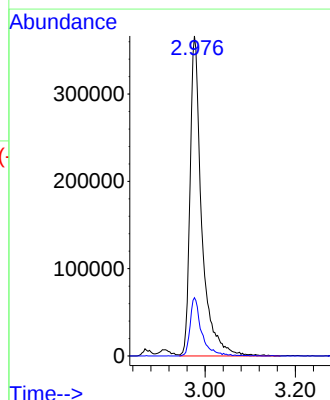
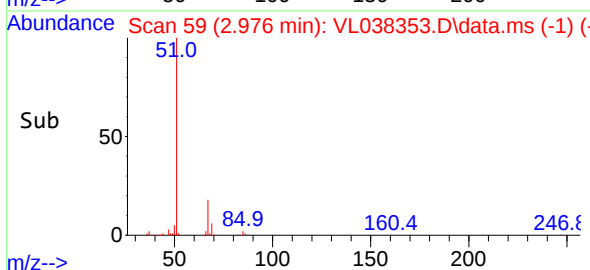
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

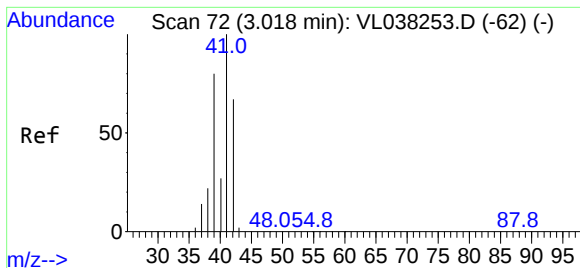


#3
Chlorodifluoromethane
Concen: 4.489 ppbv
RT: 2.976 min Scan# 59
Delta R.T. -0.023 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21



Tgt Ion: 51 Resp: 657483
Ion Ratio Lower Upper
51 100
67 18.0 14.4 21.6





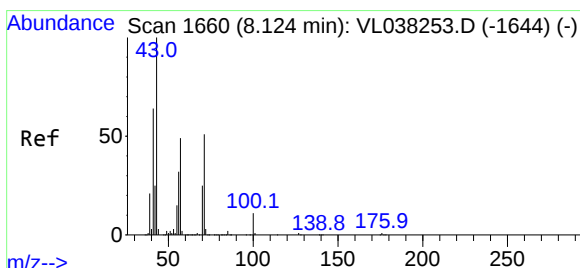
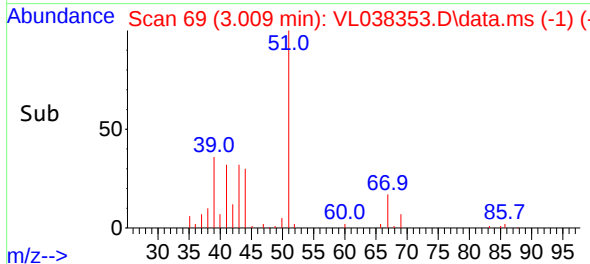
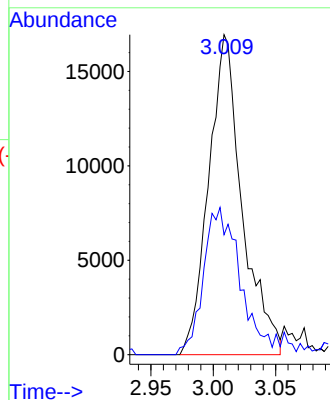
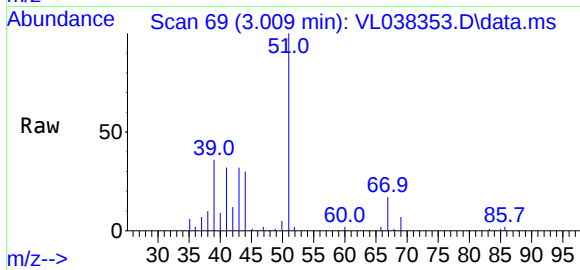
#9
Propene
Concen: 0.665 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 41 Resp: 31710
Ion Ratio Lower Upper
41 100
42 53.0 54.9 82.3

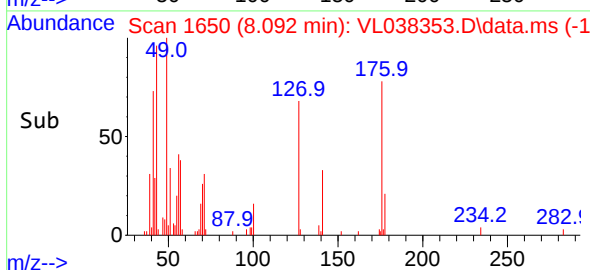
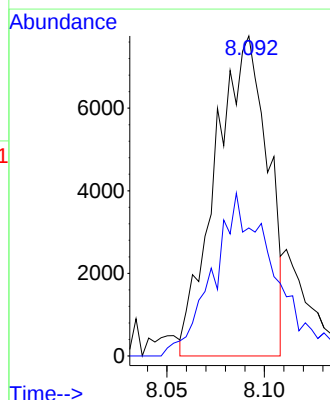
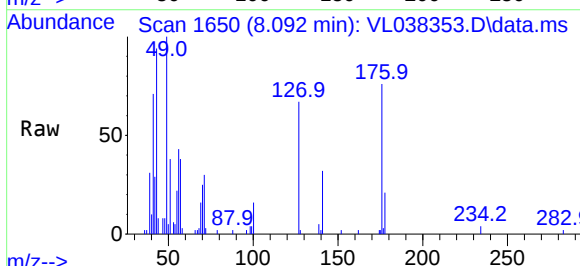
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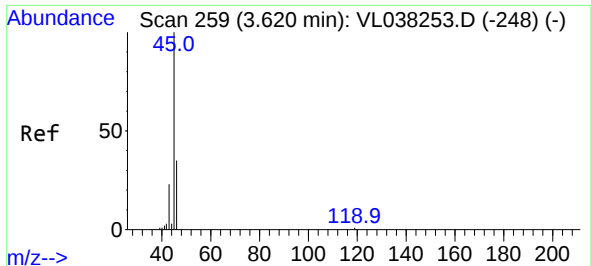
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#10
Heptane
Concen: 0.117 ppbv
RT: 8.092 min Scan# 1650
Delta R.T. -0.032 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

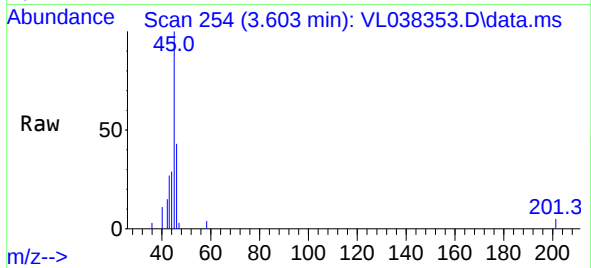
Tgt Ion: 43 Resp: 14411
Ion Ratio Lower Upper
43 100
57 61.2 39.5 59.3





#13
Ethanol
Concen: 2.691 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

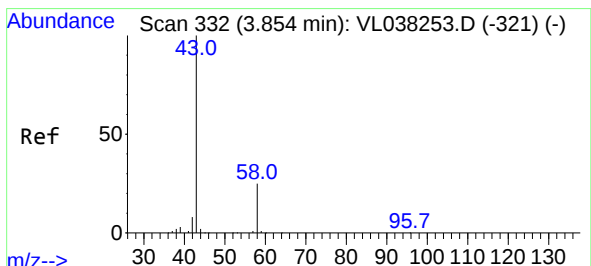
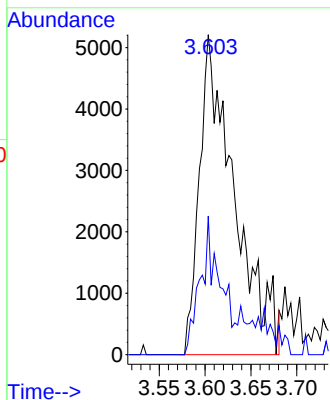
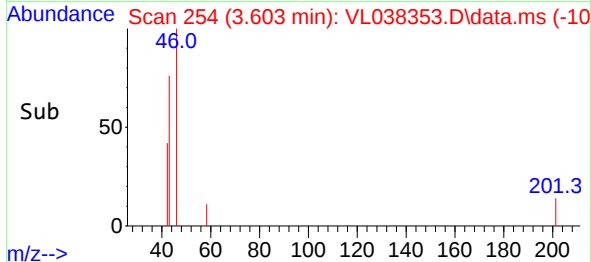
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 45 Resp: 1377
Ion Ratio Lower Upper
45 100
46 36.2 15.4 61.6

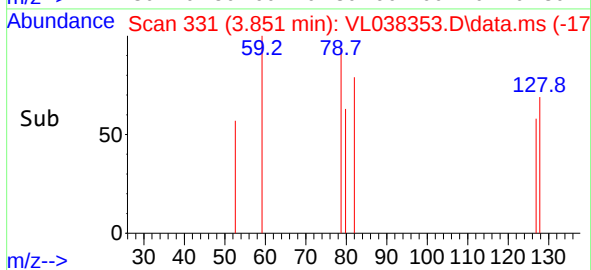
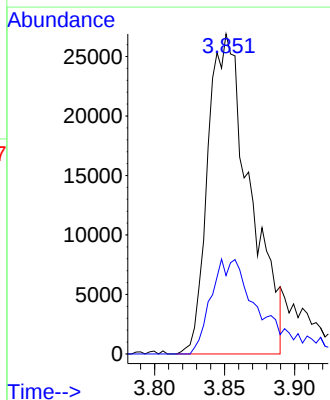
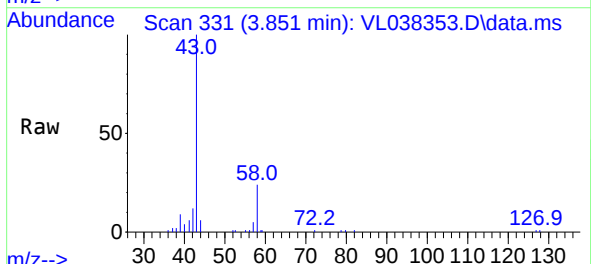
Manual Integrations
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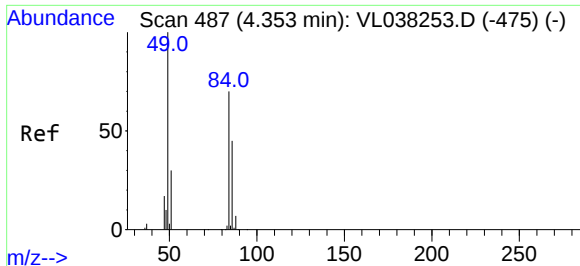
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#15
Acetone
Concen: 0.867 ppbv m
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

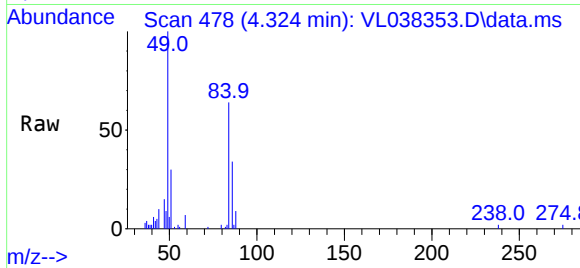
Tgt Ion: 43 Resp: 56230
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#





#20
Methylene Chloride
Concen: 0.369 ppbv
RT: 4.324 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

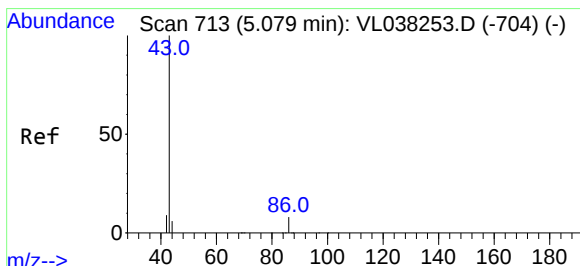
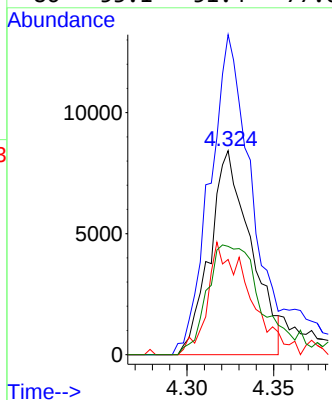
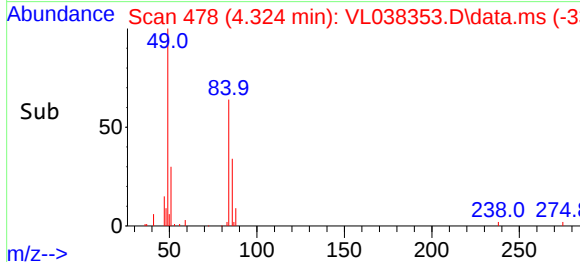


Tgt Ion: 84 Resp: 1390

Ion	Ratio	Lower	Upper
84	100		
49	151.4	115.0	172.6
51	46.7	35.0	52.6
86	53.1	51.4	77.0

Manual Integrations
APPROVED

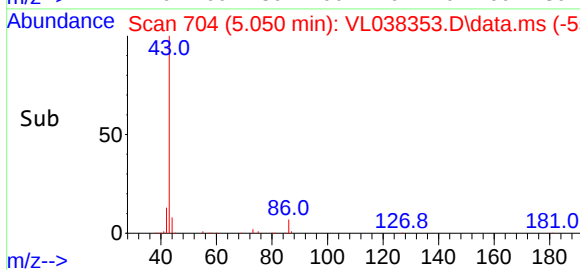
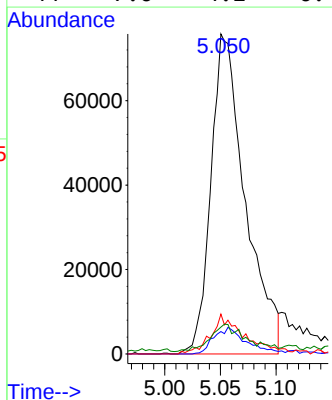
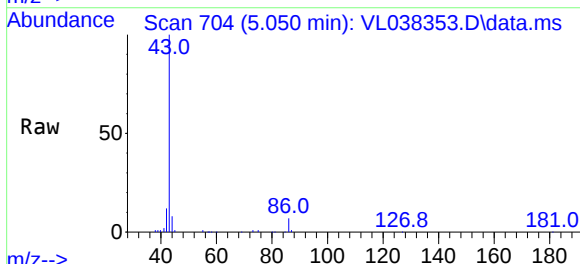
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

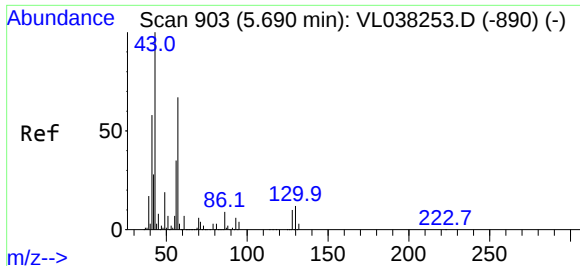


#23
Vinyl Acetate
Concen: 1.721 ppbv
RT: 5.050 min Scan# 704
Delta R.T. -0.029 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 43 Resp: 162274

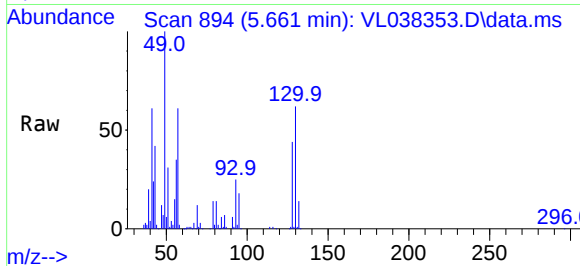
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.7	8.5
42	12.5	7.7	11.5#
44	7.6	4.2	6.4#





#26
Hexane
Concen: 1.638 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.029 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

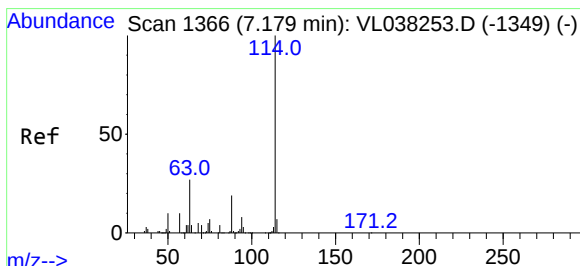
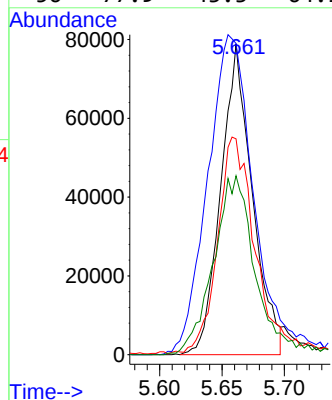
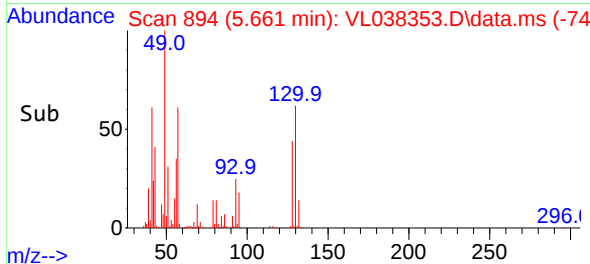
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 57 Resp: 138322
Ion Ratio Lower Upper
57 100
41 155.8 72.8 109.2
43 85.6 177.0 265.6
56 77.9 43.3 64.9

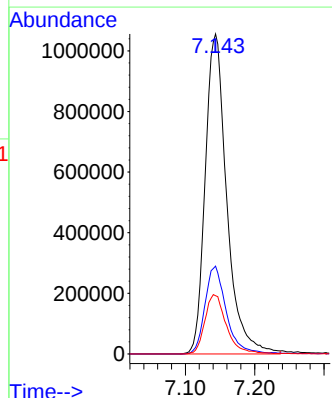
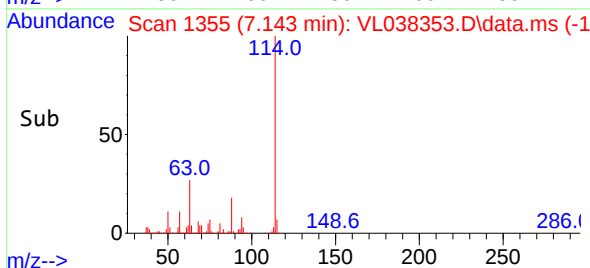
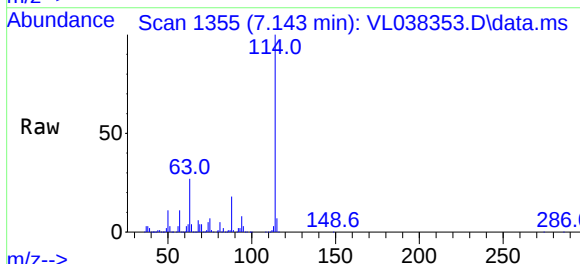
Manual Integrations
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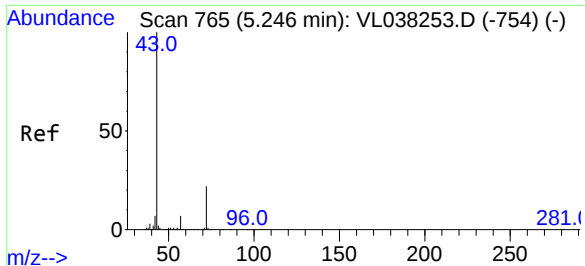
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 1355
Delta R.T. -0.035 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

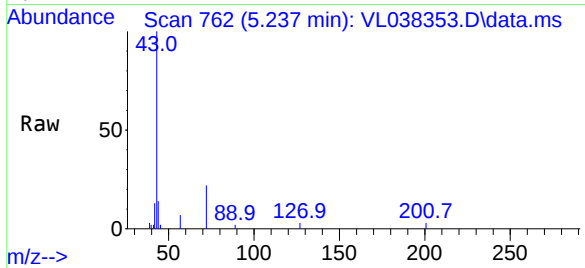
Tgt Ion:114 Resp: 2278801
Ion Ratio Lower Upper
114 100
63 27.5 22.0 33.0
88 18.8 15.0 22.6





#34
2-Butanone
Concen: 0.284 ppbv m
RT: 5.237 min Scan# 7
Delta R.T. -0.010 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

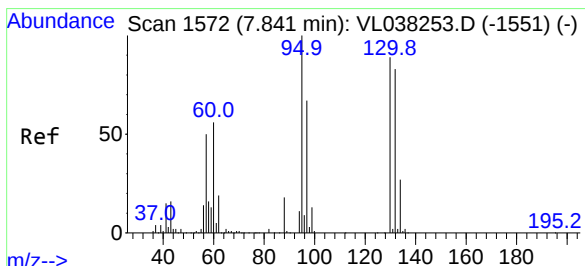
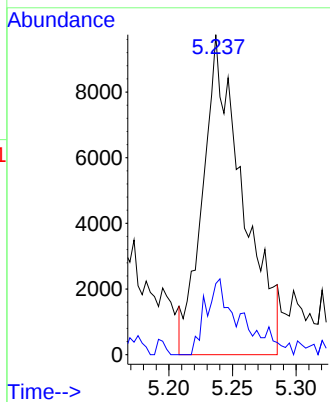
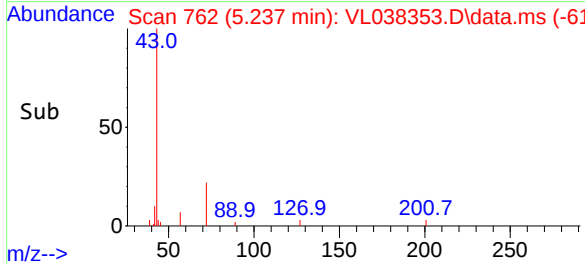
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 43 Resp: 21170
Ion Ratio Lower Upper
43 100
72 20.8 18.1 27.1

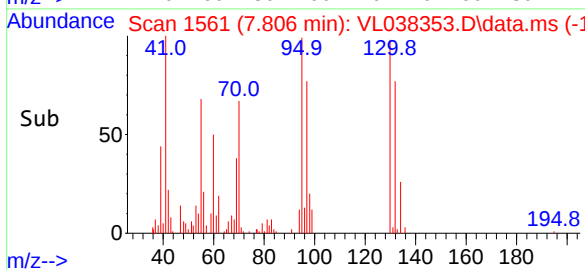
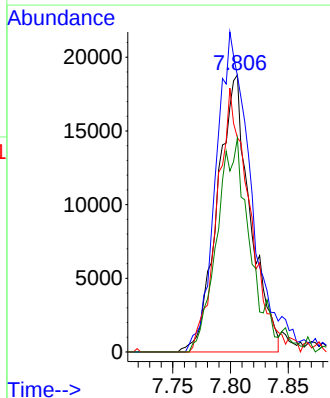
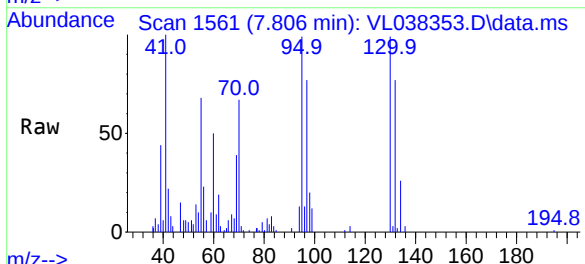
Manual Integrations
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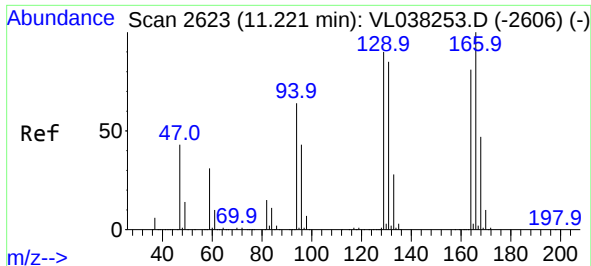
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 0.493 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. -0.035 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

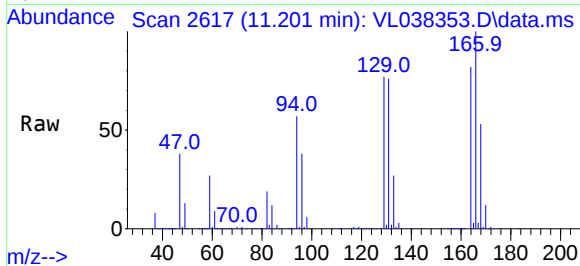
Tgt Ion:130 Resp: 37023
Ion Ratio Lower Upper
130 100
95 99.8 89.4 134.2
132 79.9 74.6 111.8
97 77.2 59.6 89.4





#52
Tetrachloroethene
Concen: 109.458 ppbv
RT: 11.201 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

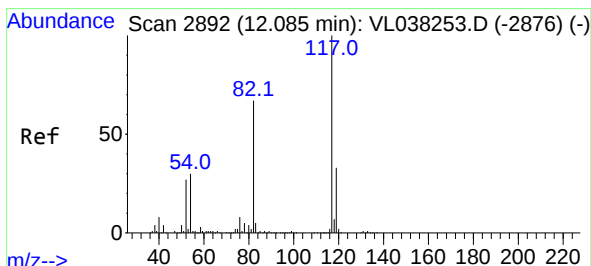
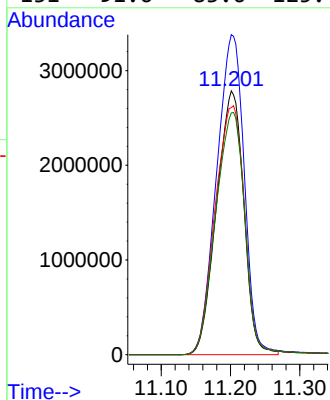
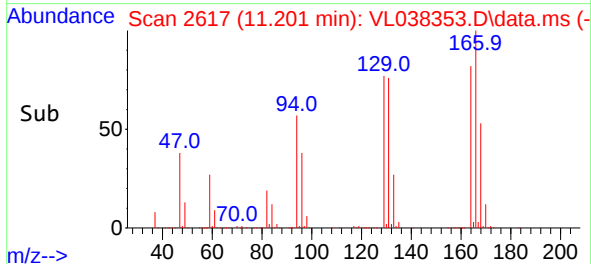
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion:164 Resp: 760409
Ion Ratio Lower Upper
164 100
166 121.3 98.8 148.2
129 93.6 89.2 133.8
131 91.6 83.6 125.4

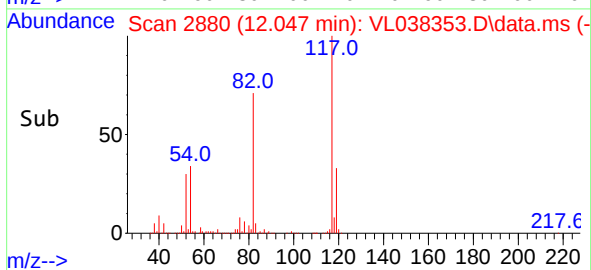
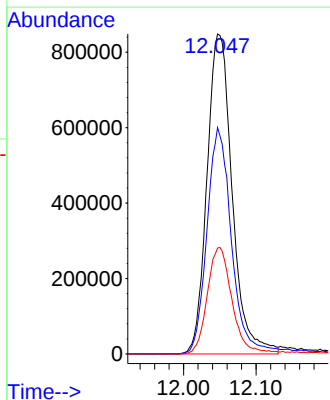
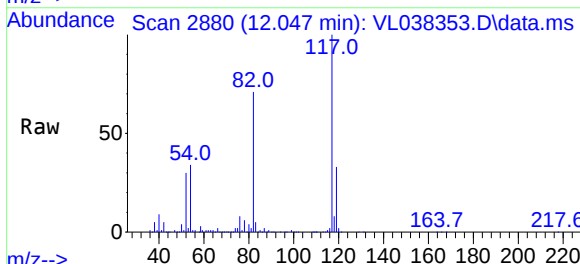
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

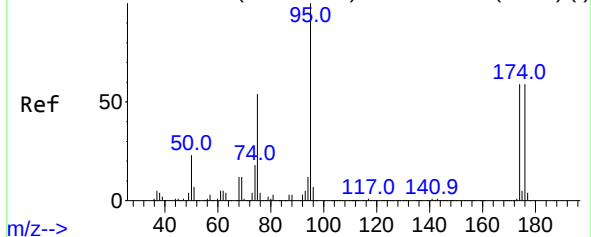


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2880
Delta R.T. -0.039 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

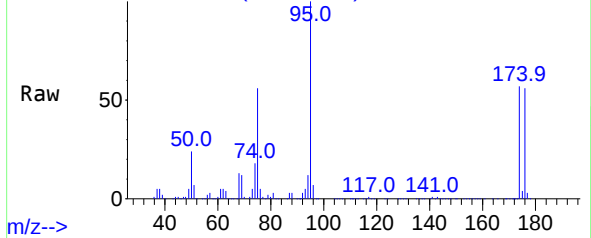
Tgt Ion:117 Resp: 2050764
Ion Ratio Lower Upper
117 100
82 71.2 54.4 81.6
119 33.8 45.9 68.9#



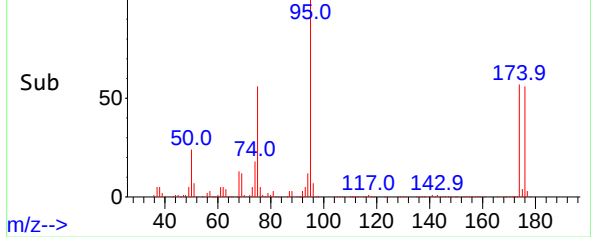
Abundance Scan 3616 (14.413 min): VL038253.D (-3597) (-)



Abundance Scan 3604 (14.375 min): VL038353.D\data.ms



Abundance Scan 3604 (14.375 min): VL038353.D\data.ms (-)



#68
1-Bromo-4-Fluorobenzene
Concen: 10.723 ppbv
RT: 14.375 min Scan# 30
Delta R.T. -0.039 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 95 Resp: 1669048
Ion Ratio Lower Upper
95 100
174 60.6 48.3 72.5
175 4.3 3.5 5.3

Manual Integrations
APPROVED

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

