

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038454.D
 Acq On : 1 Mar 2022 17:09
 Operator : SY/AP
 Sample : N1720-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:06:49 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 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	5.671	49	951589	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	2361593	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	2064333	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1617498	9.470	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
						Qvalue
9) Propene	3.031	41	17980m	0.324	ppbv	
10) Heptane	8.127	43	25407m	0.188	ppbv	
13) Ethanol	3.636	45	8591m	1.552	ppbv	
15) Acetone	3.886	43	67074m	0.829	ppbv	
20) Methylene Chloride	4.353	84	17356	0.433	ppbv	87
26) Hexane	5.693	57	271060	2.753	ppbv #	29
29) Chloroform	5.755	83	66520	0.414	ppbv	99
34) 2-Butanone	5.279	43	17702	0.238	ppbv #	76
52) Tetrachloroethene	11.217	164	366434m	5.309	ppbv	
62) Isopropylbenzene	14.664	105	33253	0.108	ppbv	96

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

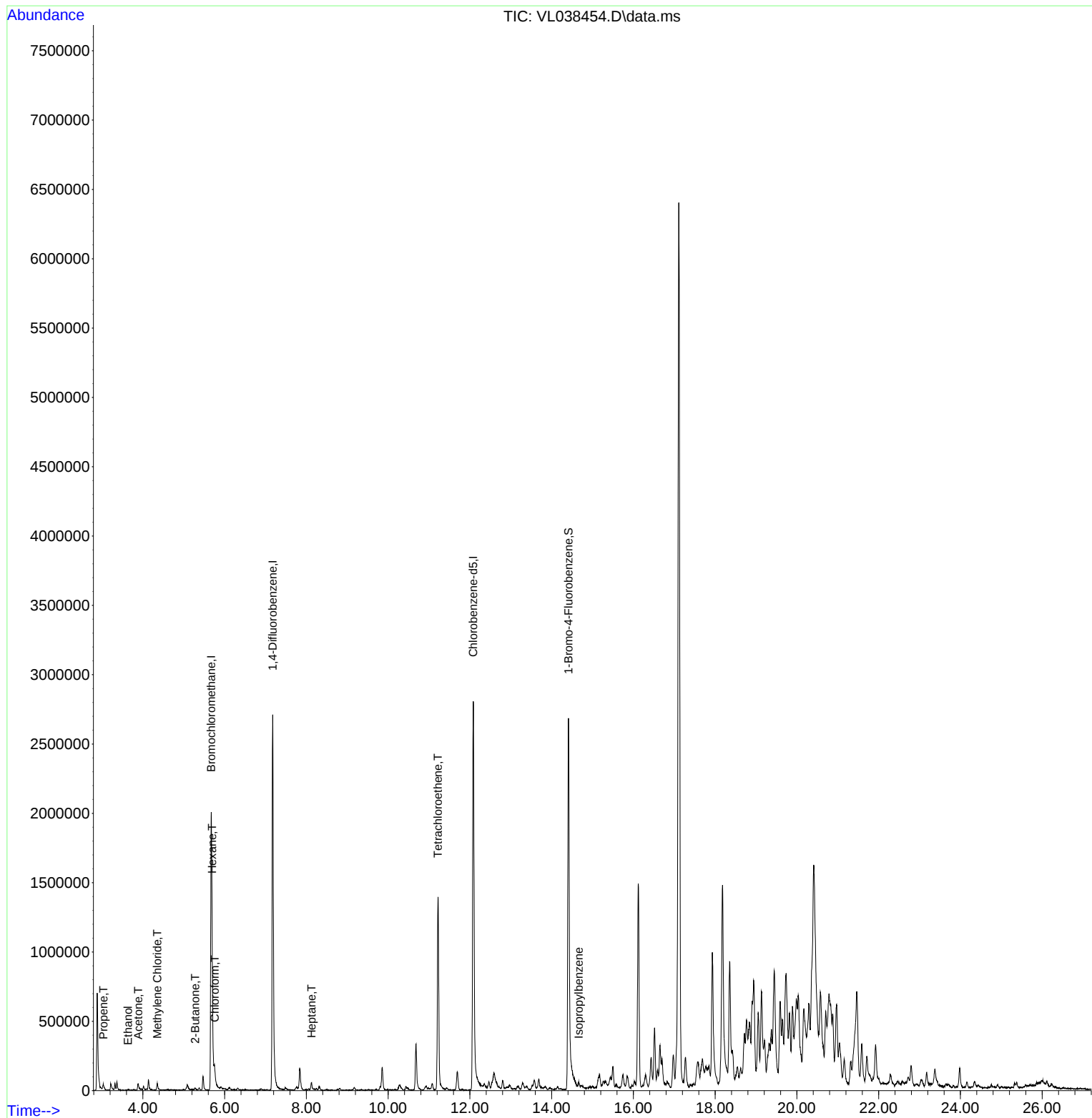
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
Data File : VL038454.D
Acq On : 1 Mar 2022 17:09
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Sample : N1720-01DL 10X
Misc : 400mL/MSVOA_L
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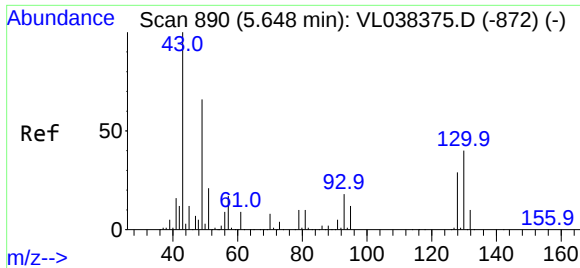
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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Supervised By : Mahesh Dadoda 03/02/2022

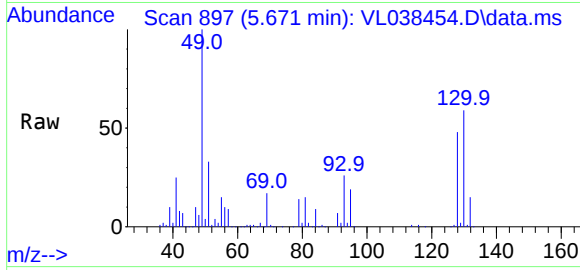
Quant Time: Mar 02 03:06:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.023 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

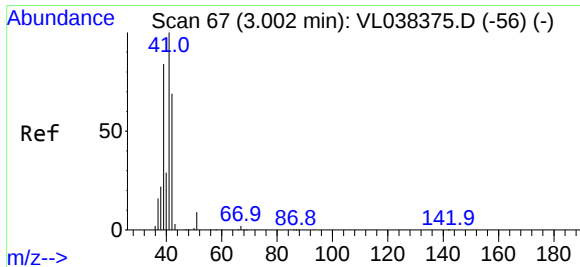
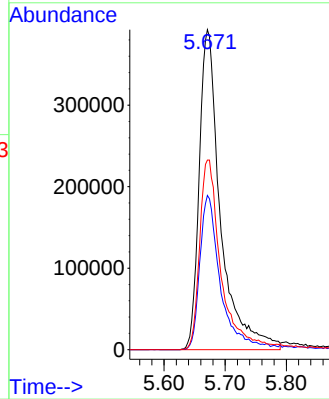
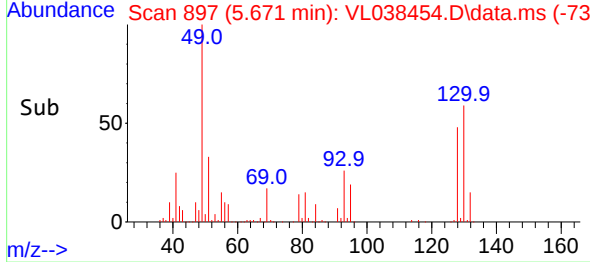
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 951589
Ion Ratio Lower Upper
49 100
128 47.6 24.3 72.9
130 61.8 30.1 90.5

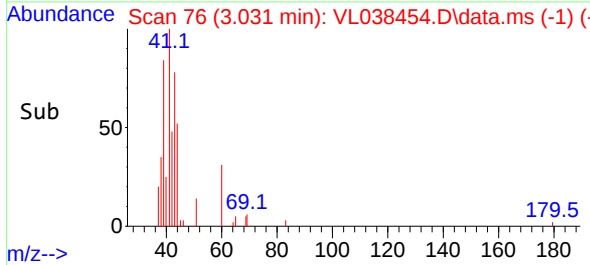
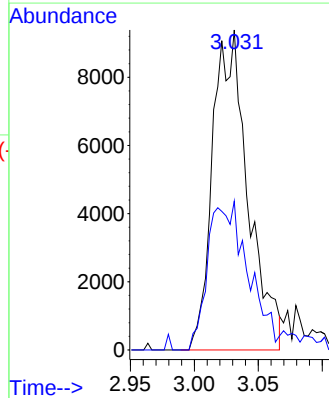
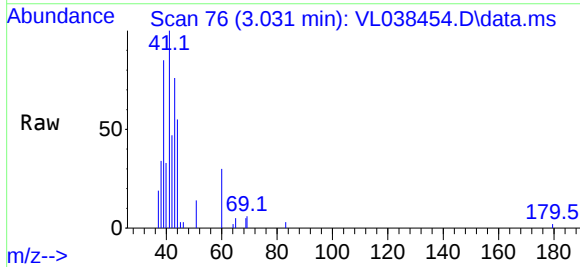
Manual Integrations
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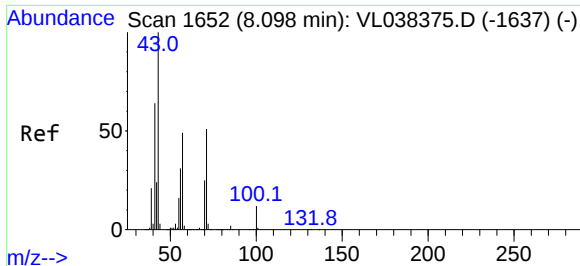
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#9
Propene
Concen: 0.324 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 41 Resp: 17980
Ion Ratio Lower Upper
41 100
42 57.5 54.6 82.0





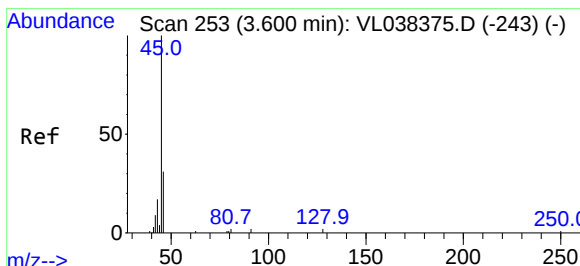
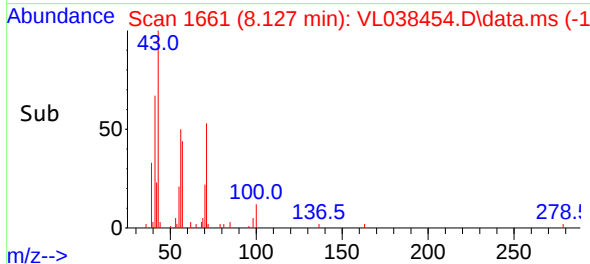
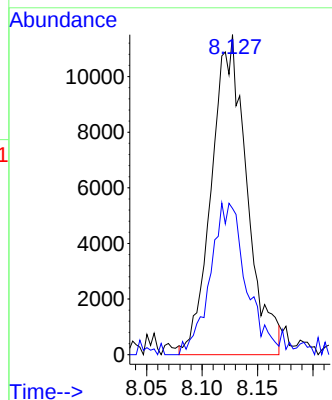
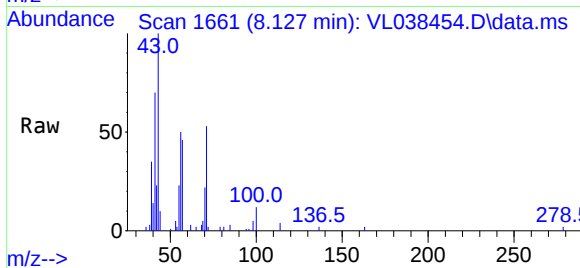
#10
Heptane
Concen: 0.188 ppbv m
RT: 8.127 min Scan# 1
Delta R.T. 0.029 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
57 0.0 39.8 59.8

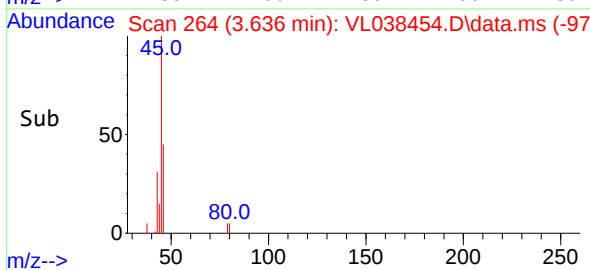
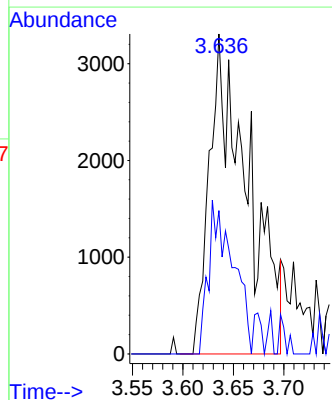
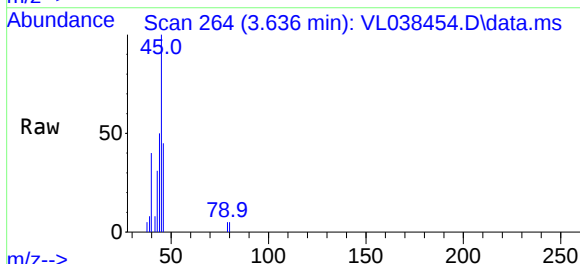
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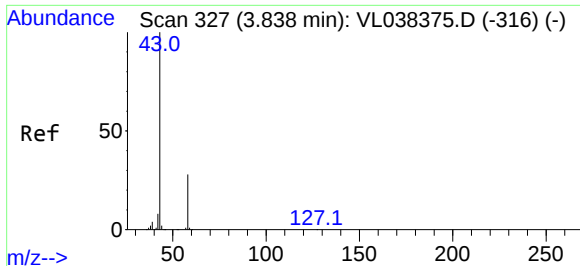
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#13
Ethanol
Concen: 1.552 ppbv m
RT: 3.636 min Scan# 264
Delta R.T. 0.035 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

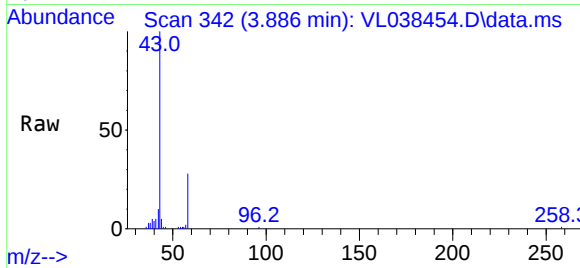
Tgt Ion: 45 Resp: 8591
Ion Ratio Lower Upper
45 100
46 35.4 18.2 72.8





#15
Acetone
Concen: 0.829 ppbv m
RT: 3.886 min Scan# 34
Delta R.T. 0.048 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

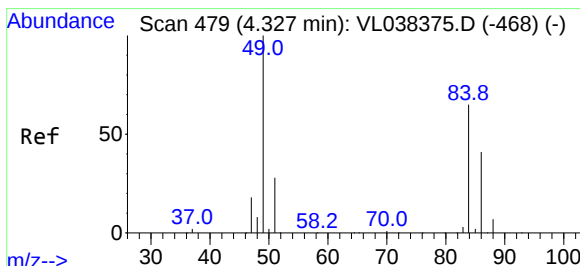
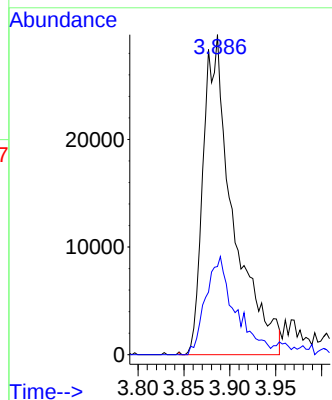
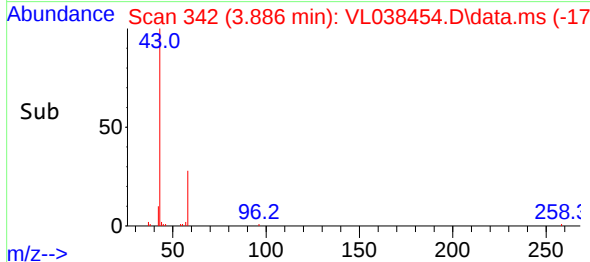
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



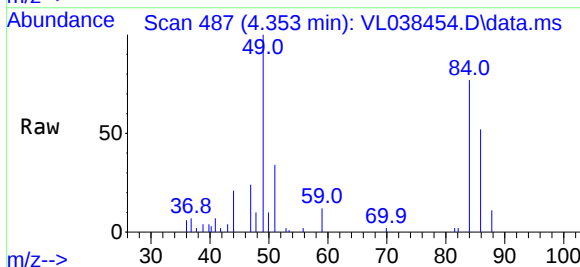
Tgt Ion: 43 Resp: 67074
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5

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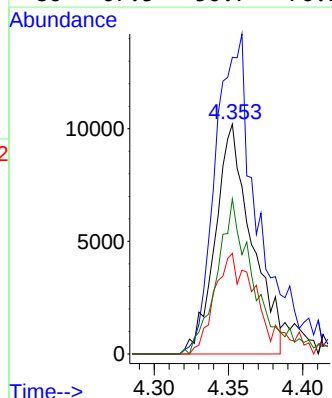
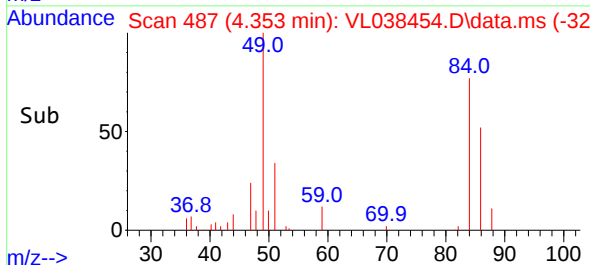
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Supervised By :Mahesh Dadoda 03/02/2022

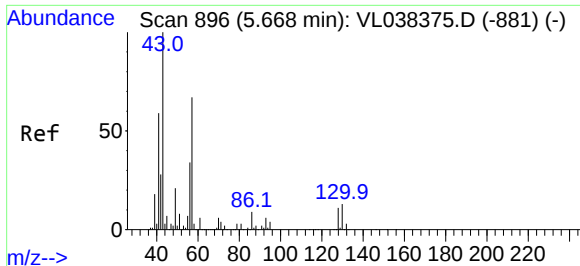


#20
Methylene Chloride
Concen: 0.433 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.026 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09



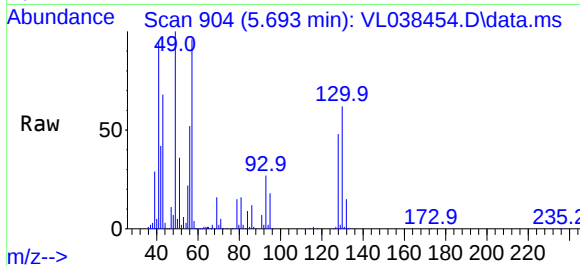
Tgt Ion: 84 Resp: 17356
Ion Ratio Lower Upper
84 100
49 129.2 122.4 183.6
51 43.8 33.3 49.9
86 67.5 50.7 76.1





#26
Hexane
Concen: 2.753 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.026 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

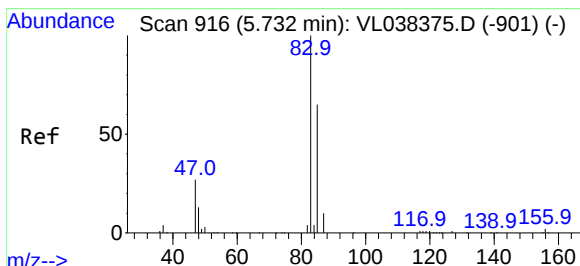
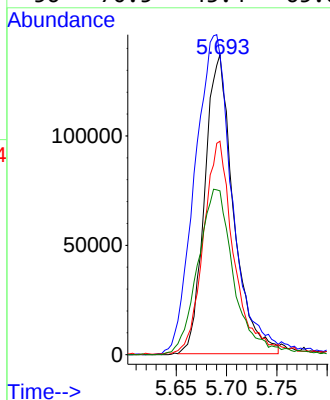
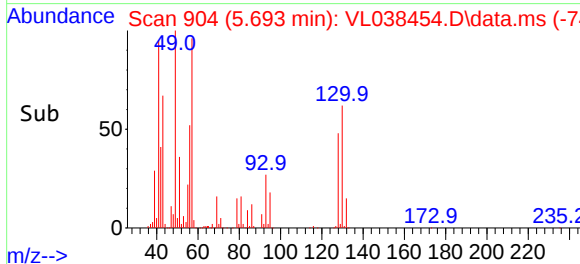
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 271060
Ion Ratio Lower Upper
57 100
41 142.2 73.1 109.7
43 78.9 181.0 271.4
56 70.5 43.4 65.0

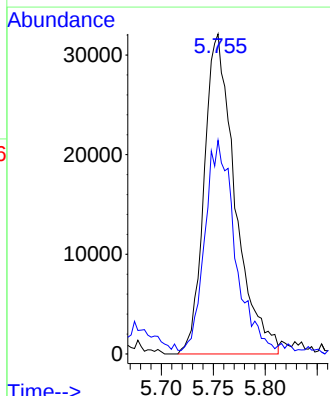
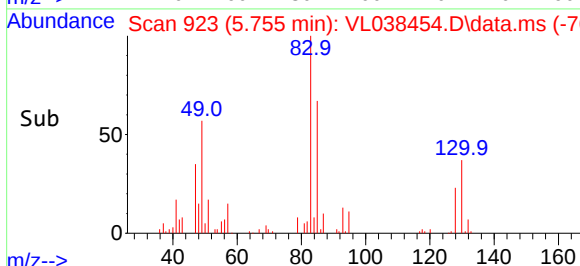
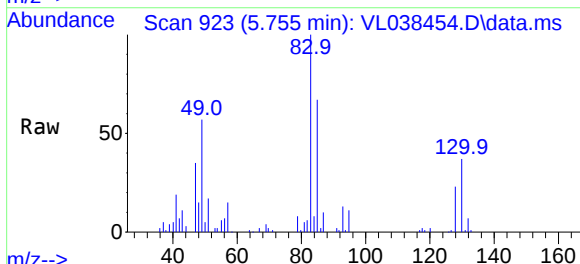
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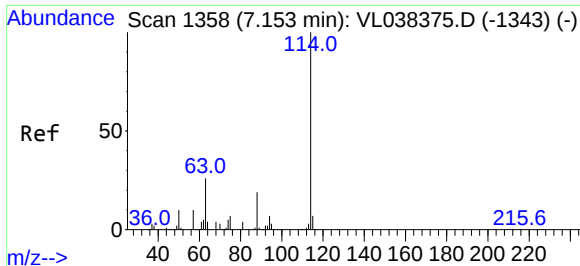
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#29
Chloroform
Concen: 0.414 ppbv
RT: 5.755 min Scan# 923
Delta R.T. 0.023 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

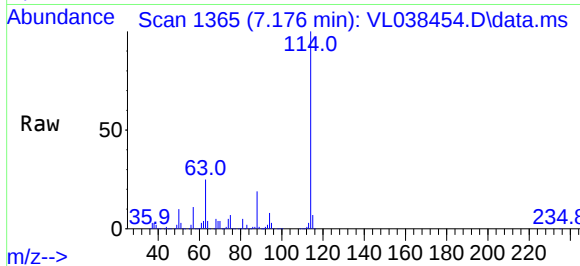
Tgt Ion: 83 Resp: 66520
Ion Ratio Lower Upper
83 100
85 65.6 51.6 77.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 111
Delta R.T. 0.023 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

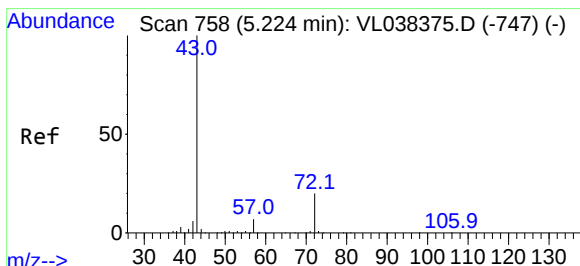
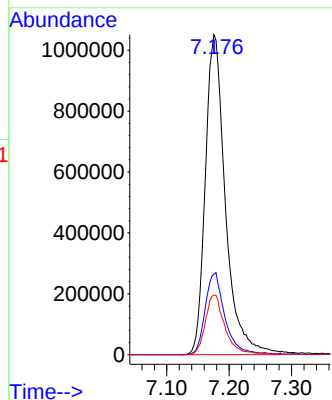
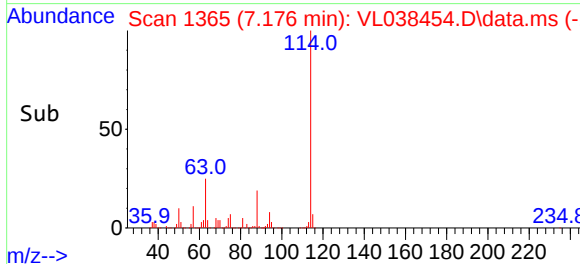
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 236159
Ion Ratio Lower Upper
114 100
63 25.5 22.2 33.2
88 18.5 15.2 22.8

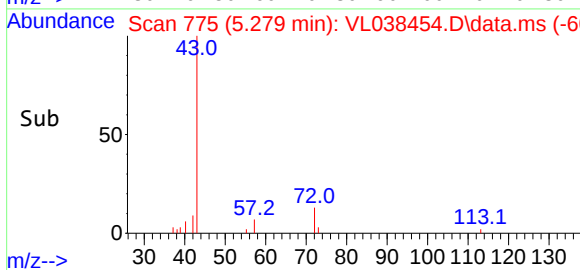
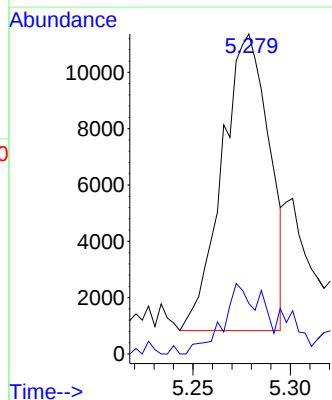
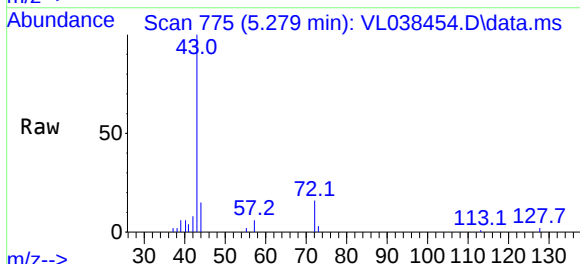
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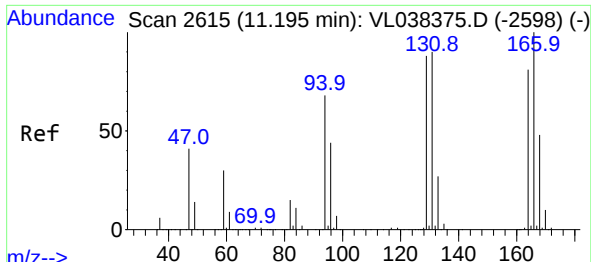
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#34
2-Butanone
Concen: 0.238 ppbv
RT: 5.279 min Scan# 775
Delta R.T. 0.055 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

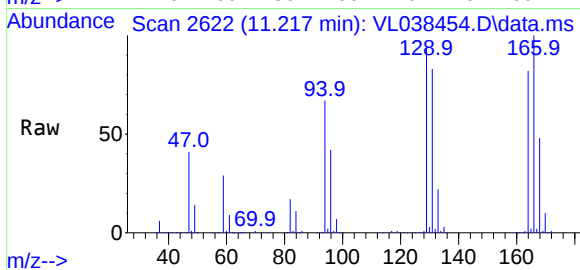
Tgt Ion: 43 Resp: 17702
Ion Ratio Lower Upper
43 100
72 33.1 17.4 26.2#





#52
Tetrachloroethene
Concen: 5.309 ppbv m
RT: 11.217 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

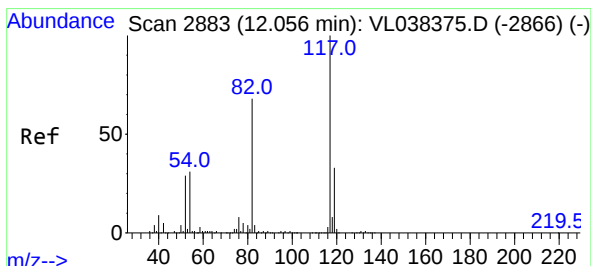
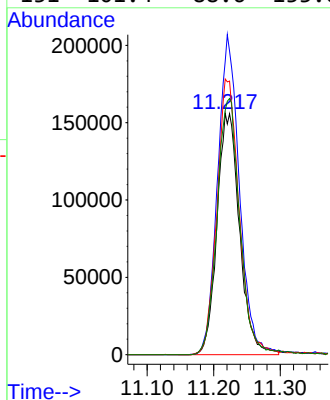
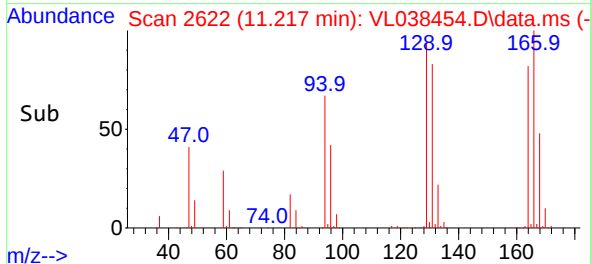
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



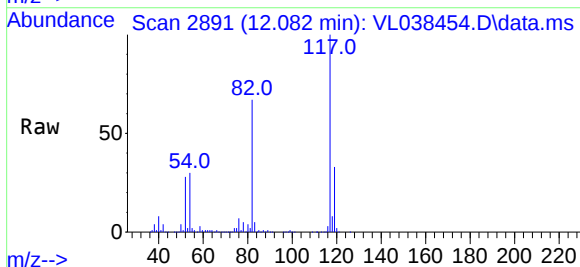
Tgt Ion:164 Resp: 366434
Ion Ratio Lower Upper
164 100
166 121.7 98.6 148.0
129 114.3 86.9 130.3
131 101.4 88.6 133.0

Manual Integrations
APPROVED

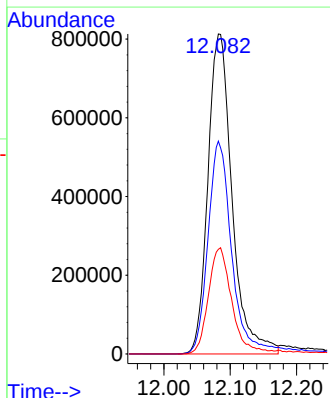
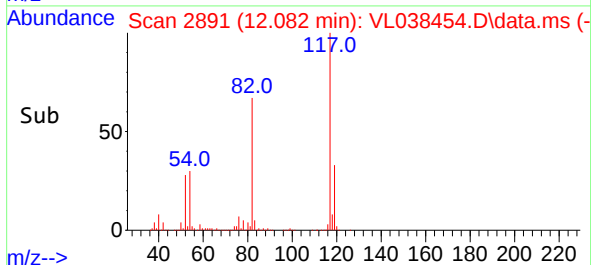
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

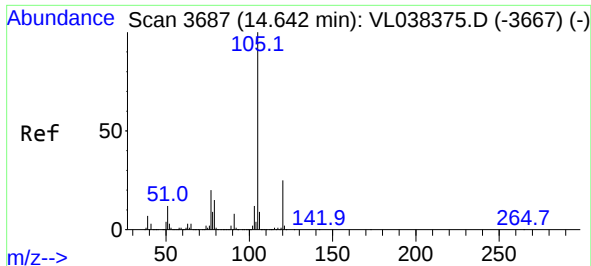


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.026 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09



Tgt Ion:117 Resp: 2064333
Ion Ratio Lower Upper
117 100
82 68.2 54.9 82.3
119 33.4 46.1 69.1#





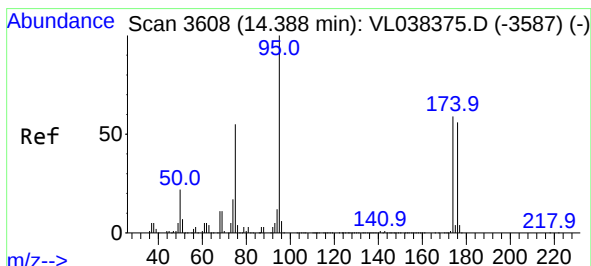
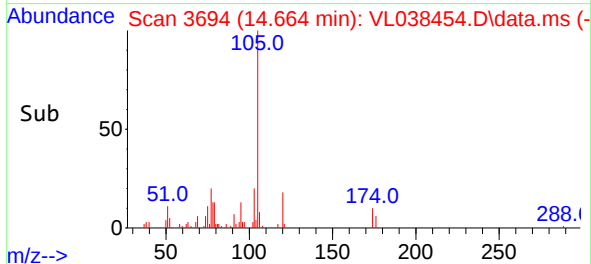
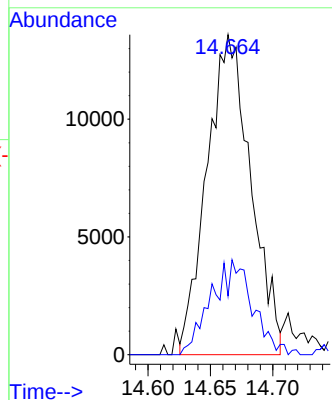
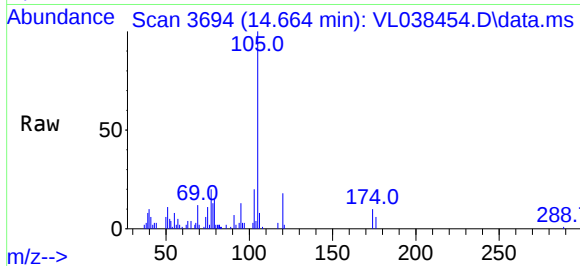
#62
Isopropylbenzene
Concen: 0.108 ppbv
RT: 14.664 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 105 Resp: 3325
Ion Ratio Lower Upper
105 100
120 27.8 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.470 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. 0.026 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 95 Resp: 1617498
Ion Ratio Lower Upper
95 100
174 62.7 49.0 73.4
175 4.6 3.6 5.4

