

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038356.D
 Acq On : 15 Feb 2022 1:14
 Operator : SY/AP
 Sample : N1490-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 08:19:03 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		5.636	49	686444	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene		7.140	114	2405590	10.000	ppbv	-0.04
55) Chlorobenzene-d5		12.044	117	2067968	10.000	ppbv	#-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		14.375	95	1595161	10.163	ppbv	-0.04
Spiked Amount		10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds							
							Qvalue
3) Chlorodifluoromethane		2.977	51	89981	0.658	ppbv	98
9) Propene		3.006	41	10855	0.244	ppbv	99
13) Ethanol		3.613	45	8373m	1.753	ppbv	
15) Acetone		3.851	43	29004	0.479	ppbv #	84
20) Methylene Chloride		4.324	84	11105	0.316	ppbv #	86
26) Hexane		5.658	57	26102	0.331	ppbv #	30
31) cis-1,2-Dichloroethene		5.517	61	38453	0.559	ppbv	97
38) Trichloroethene		7.800	130	116205	1.466	ppbv	94
52) Tetrachloroethene		11.185	164	3107858	42.378	ppbv	98

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

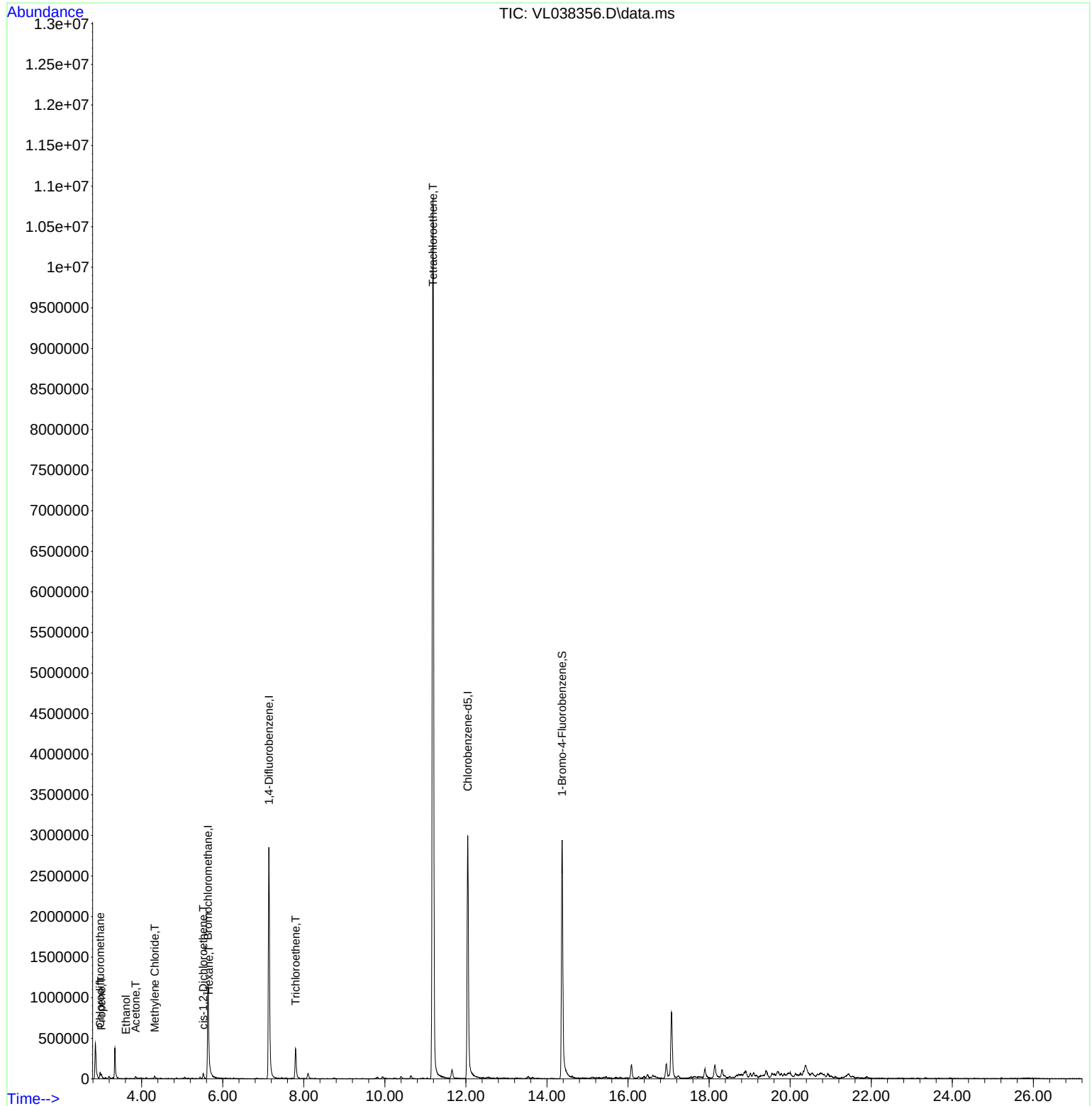
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038356.D
Acq On : 15 Feb 2022 1:14
Operator : SY/AP
Sample : N1490-02DL 40X
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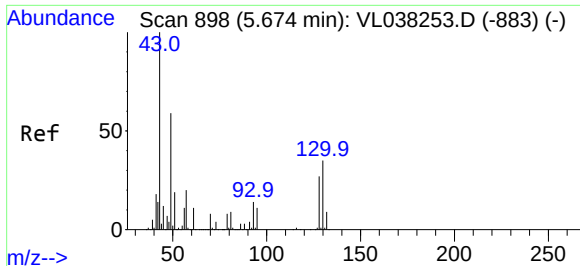
Instrument :
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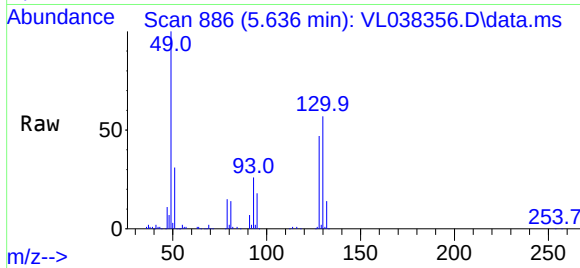
Quant Time: Feb 15 08:19:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.636 min Scan# 81
Delta R.T. -0.038 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

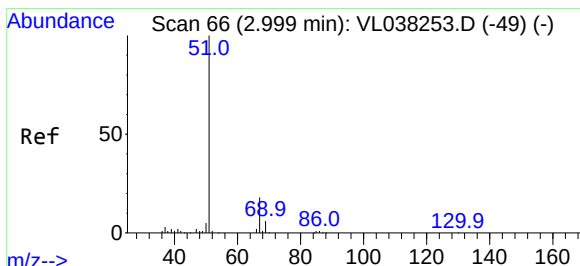
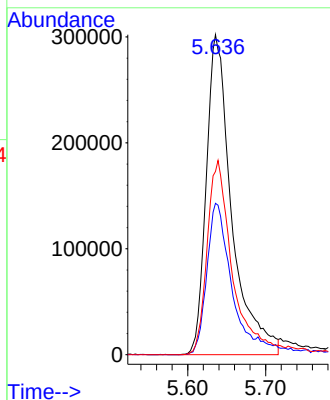
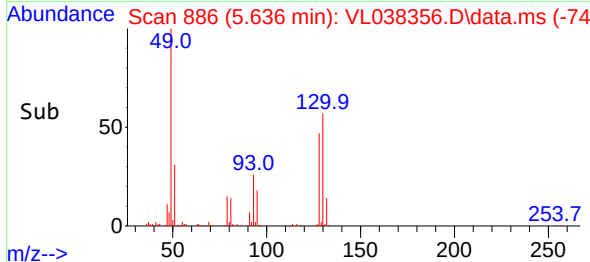
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 686444
Ion Ratio Lower Upper
49 100
128 49.9 24.5 73.5
130 63.8 30.1 90.5

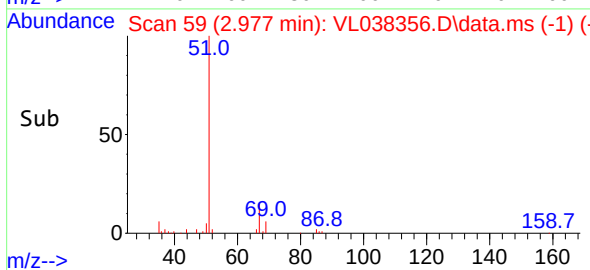
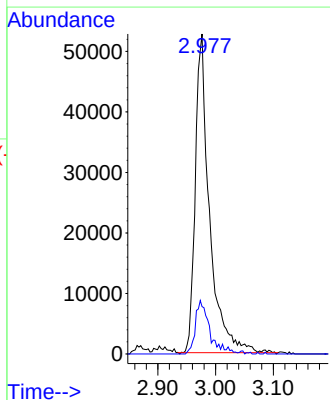
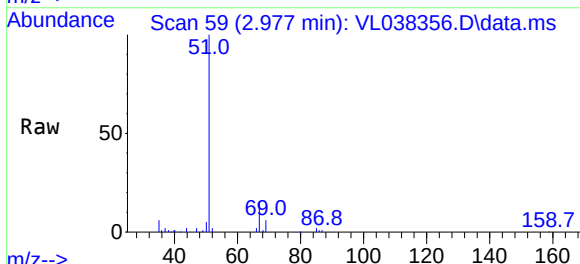
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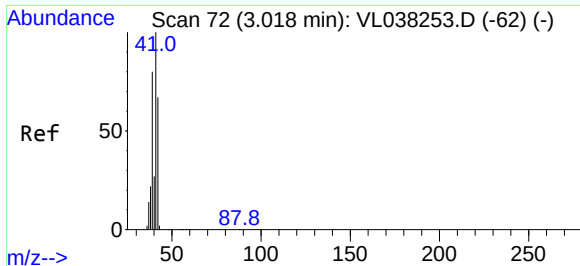
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#3
Chlorodifluoromethane
Concen: 0.658 ppbv
RT: 2.977 min Scan# 59
Delta R.T. -0.022 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

Tgt Ion: 51 Resp: 89981
Ion Ratio Lower Upper
51 100
67 17.2 14.4 21.6





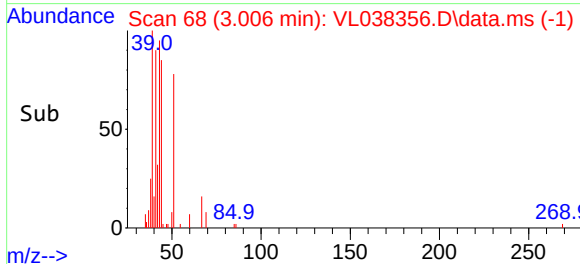
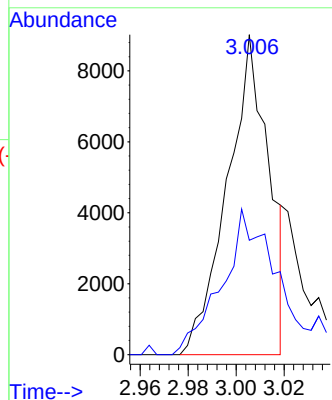
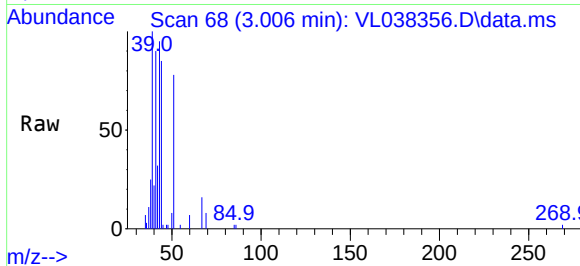
#9
Propene
Concen: 0.244 ppbv
RT: 3.006 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 41 Resp: 1085
Ion Ratio Lower Upper
41 100
42 67.5 54.9 82.3

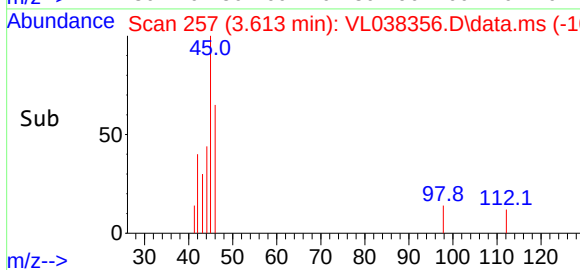
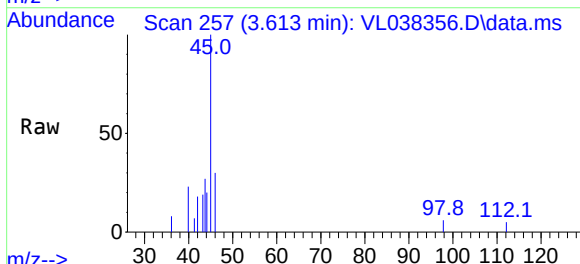
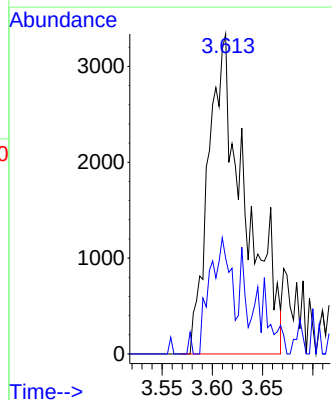
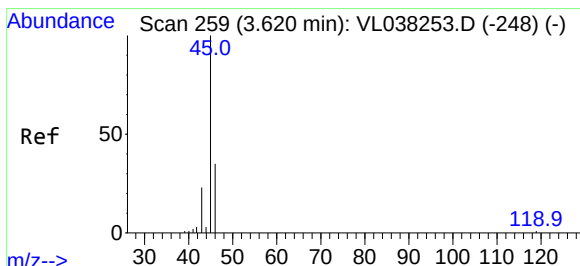
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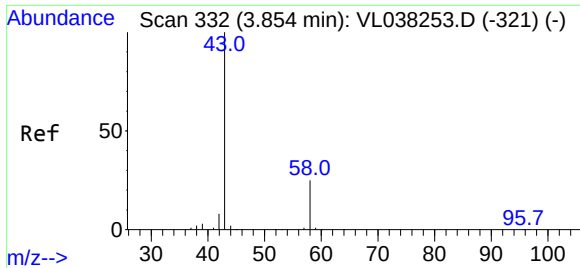
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 1.753 ppbv m
RT: 3.613 min Scan# 257
Delta R.T. -0.006 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

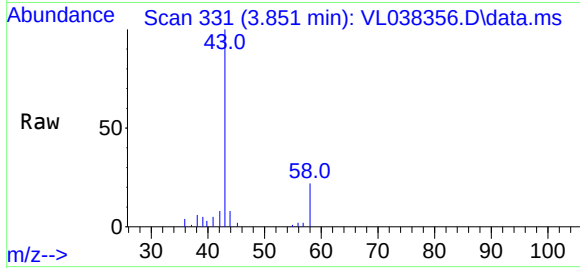
Tgt Ion: 45 Resp: 8373
Ion Ratio Lower Upper
45 100
46 0.0 15.4 61.6#





#15
Acetone
Concen: 0.479 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

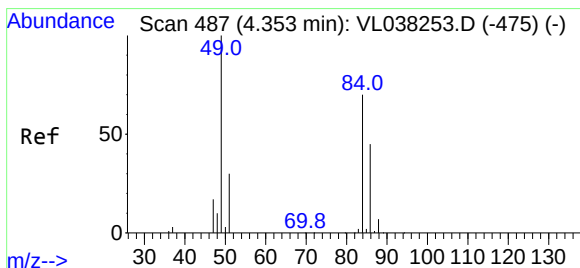
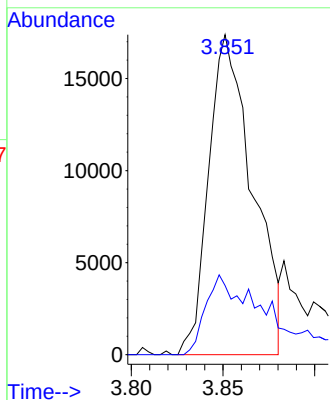
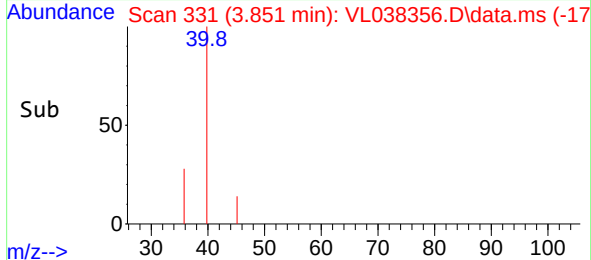
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 43 Resp: 29004
Ion Ratio Lower Upper
43 100
58 35.4 21.5 32.3

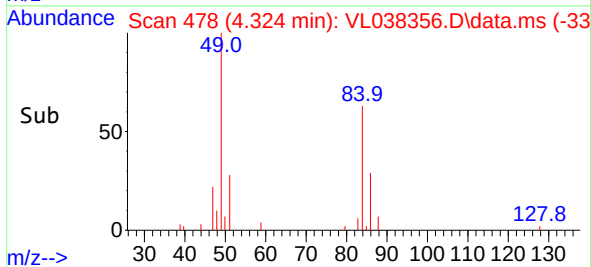
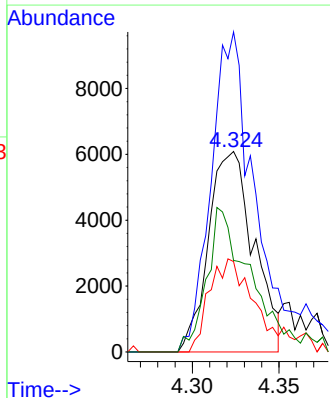
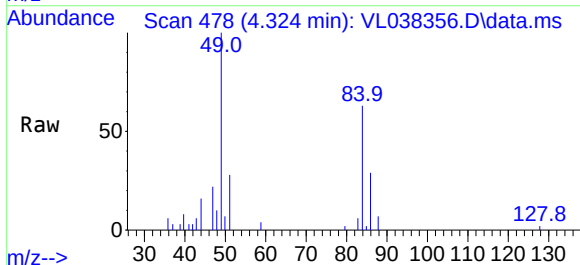
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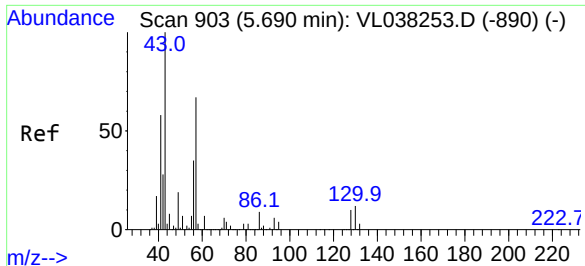
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.316 ppbv
RT: 4.324 min Scan# 478
Delta R.T. -0.029 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

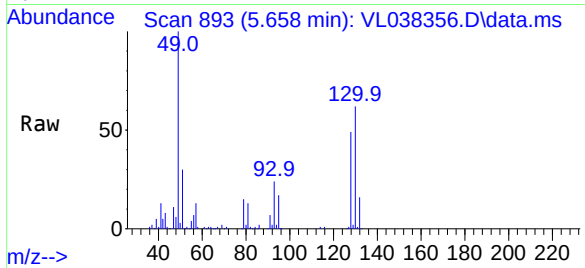
Tgt Ion: 84 Resp: 11105
Ion Ratio Lower Upper
84 100
49 159.7 115.0 172.6
51 45.1 35.0 52.6
86 45.7 51.4 77.0





#26
Hexane
Concen: 0.331 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.032 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

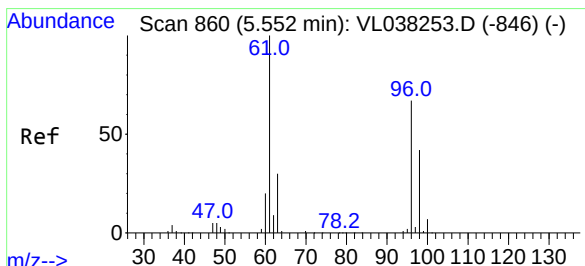
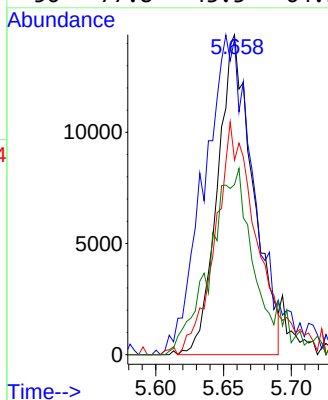
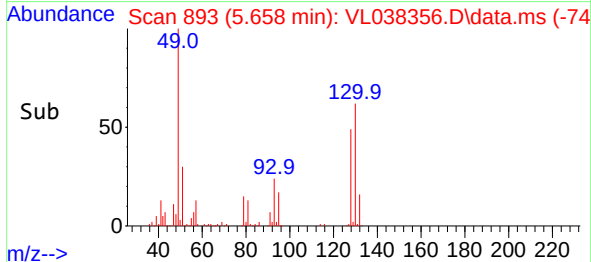
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 2610
Ion Ratio Lower Upper
57 100
41 151.9 72.8 109.2
43 89.2 177.0 265.6
56 77.8 43.3 64.9

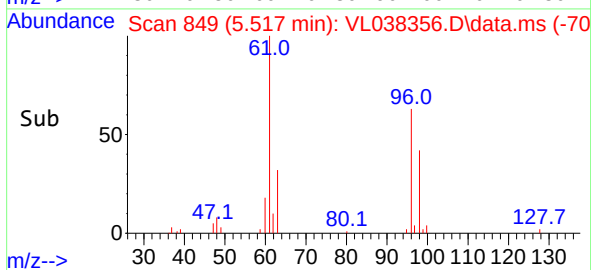
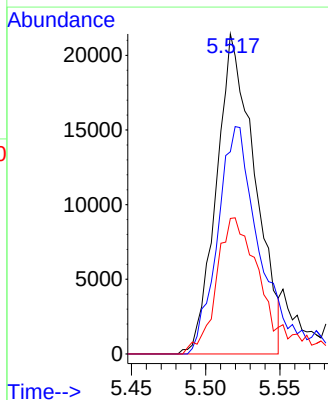
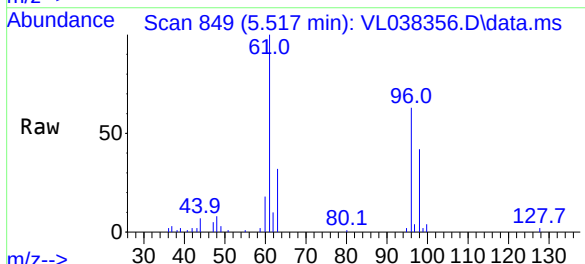
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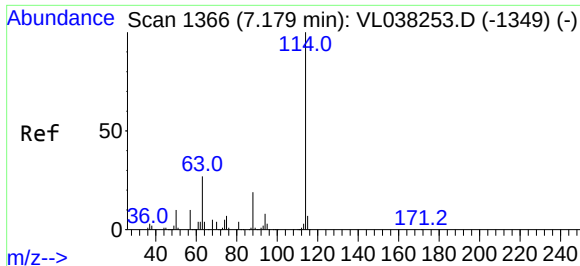
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#31
cis-1,2-Dichloroethene
Concen: 0.559 ppbv
RT: 5.517 min Scan# 849
Delta R.T. -0.035 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

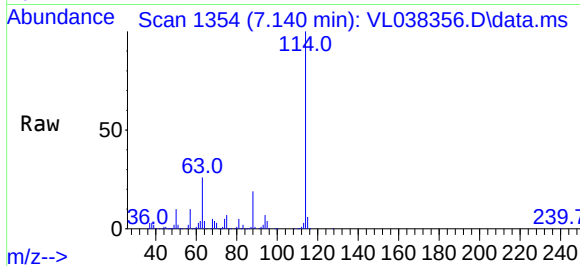
Tgt Ion: 61 Resp: 38453
Ion Ratio Lower Upper
61 100
96 63.2 53.3 79.9
98 42.4 33.7 50.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 11
Delta R.T. -0.038 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

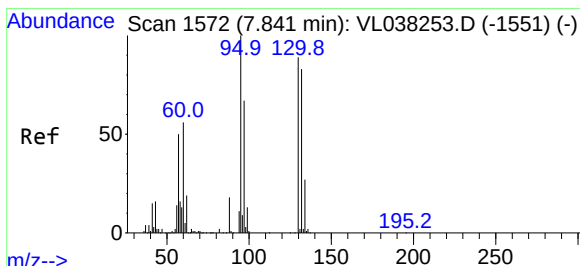
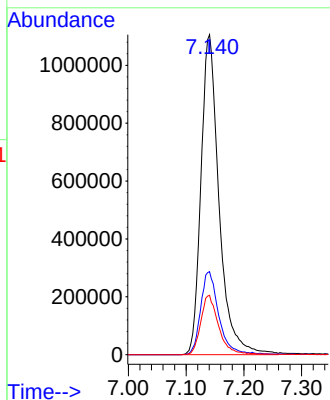
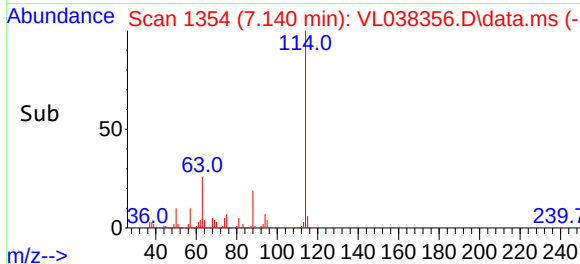
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 2405590
Ion Ratio Lower Upper
114 100
63 26.4 22.0 33.0
88 18.5 15.0 22.6

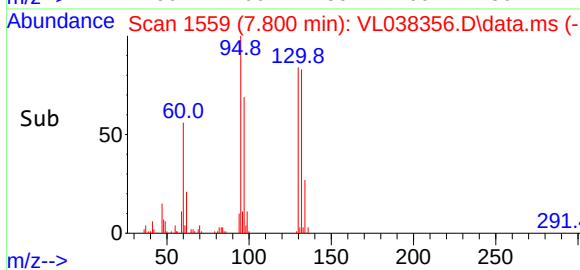
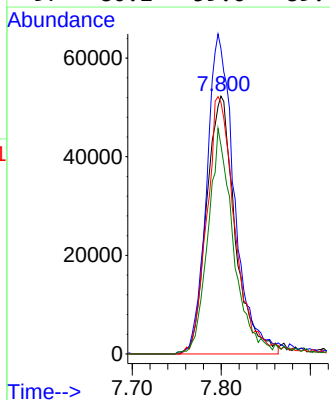
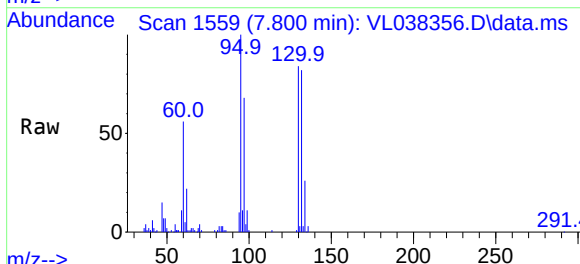
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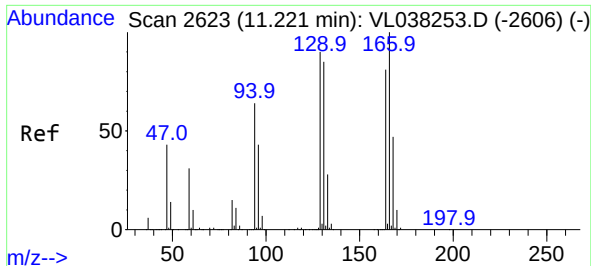
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 1.466 ppbv
RT: 7.800 min Scan# 1559
Delta R.T. -0.042 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

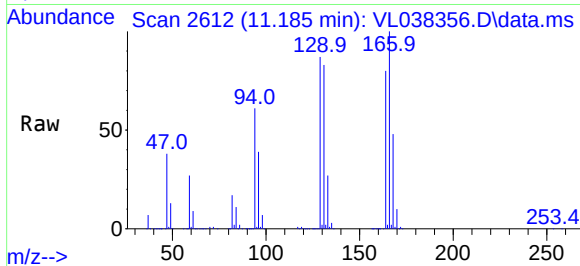
Tgt Ion:130 Resp: 116205
Ion Ratio Lower Upper
130 100
95 117.7 89.4 134.2
132 97.6 74.6 111.8
97 80.2 59.6 89.4





#52
Tetrachloroethene
Concen: 42.378 ppbv
RT: 11.185 min Scan# 2612
Delta R.T. -0.035 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

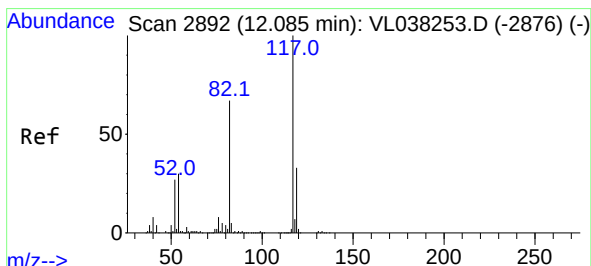
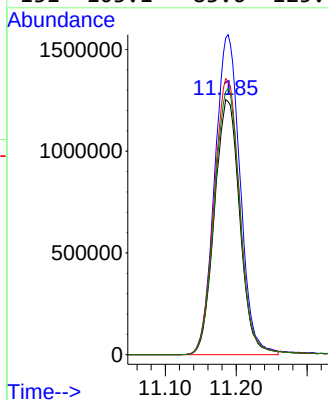
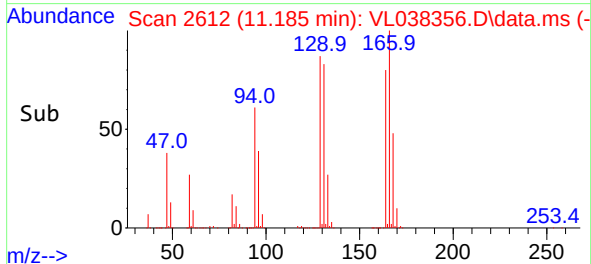
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



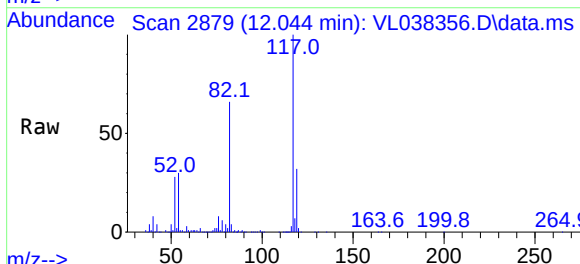
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Ion Ratio Lower Upper
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166 124.3 98.8 148.2
129 108.3 89.2 133.8
131 103.1 83.6 125.4

Manual Integrations
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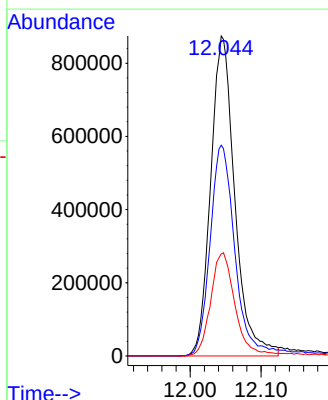
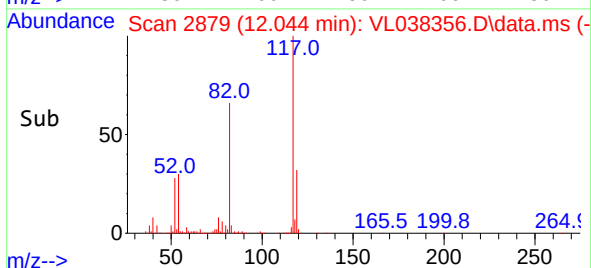
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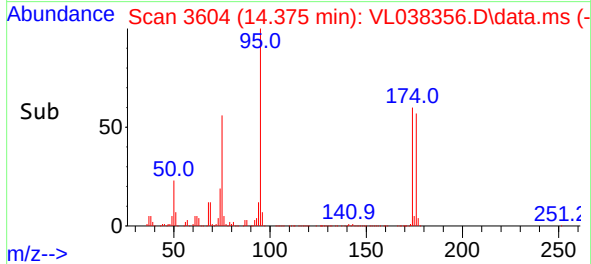
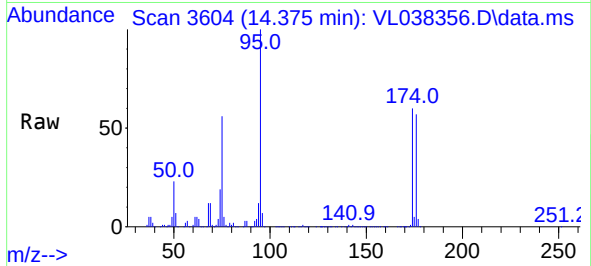
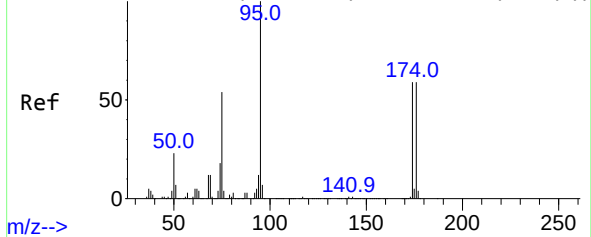
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.044 min Scan# 2879
Delta R.T. -0.042 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14



Tgt Ion:117 Resp: 2067968
Ion Ratio Lower Upper
117 100
82 70.4 54.4 81.6
119 33.2 45.9 68.9



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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.163 ppbv
RT: 14.375 min Scan# 30
Delta R.T. -0.039 min
Lab File: VL038356.D
Acq: 15 Feb 2022 1:14

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 95 Resp: 159516
Ion Ratio Lower Upper
95 100
174 62.8 48.3 72.5
175 4.7 3.5 5.3

Manual Integrations
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Supervised By :Mahesh Dadoda 02/18/2022

