

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038354.D
 Acq On : 14 Feb 2022 23:59
 Operator : SY/AP
 Sample : N1490-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 07:15:41 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	654445	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene	7.140	114	2378752	10.000	ppbv	-0.04
55) Chlorobenzene-d5	12.047	117	2040918	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1622171	10.472	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.700%	
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.976	51	185212	1.422	ppbv	99
9) Propene	3.008	41	10463	0.247	ppbv	96
13) Ethanol	3.619	45	5216m	1.146	ppbv	
15) Acetone	3.861	43	24818m	0.430	ppbv	
20) Methylene Chloride	4.333	84	10888m	0.324	ppbv	
23) Vinyl Acetate	5.057	43	49272m	0.587	ppbv	
26) Hexane	5.664	57	39248m	0.522	ppbv	
38) Trichloroethene	7.799	130	9455	0.121	ppbv	93
52) Tetrachloroethene	11.188	164	2735074	37.716	ppbv	98

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

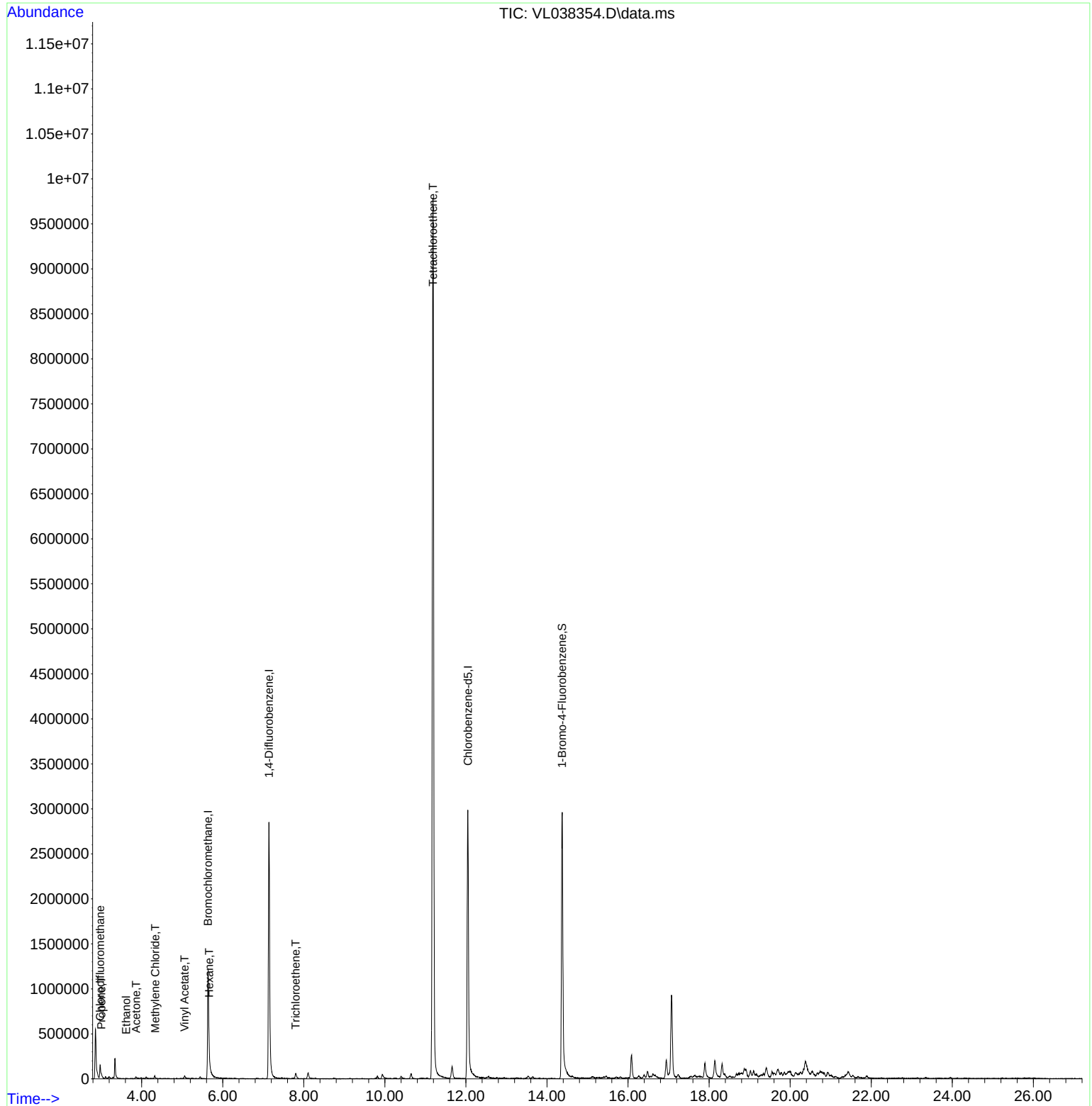
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038354.D
Acq On : 14 Feb 2022 23:59
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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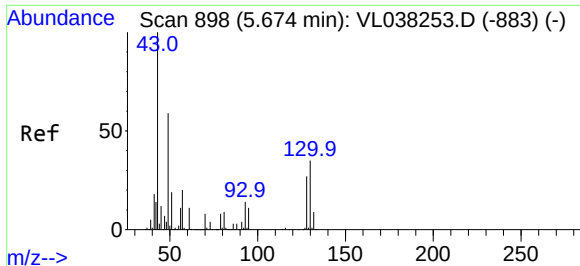
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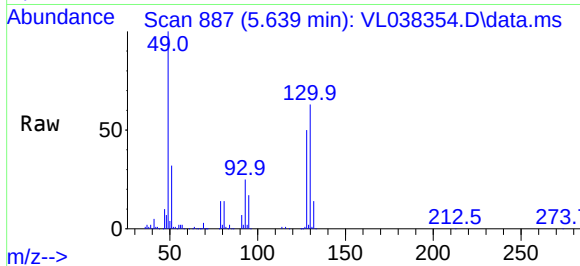
Quant Time: Feb 15 07:15:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.036 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

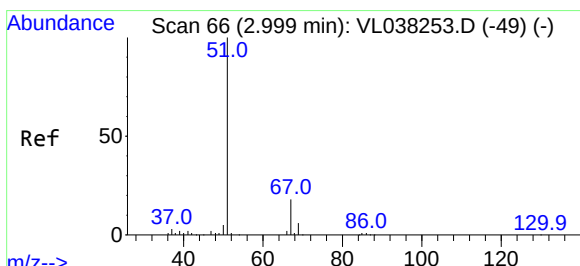
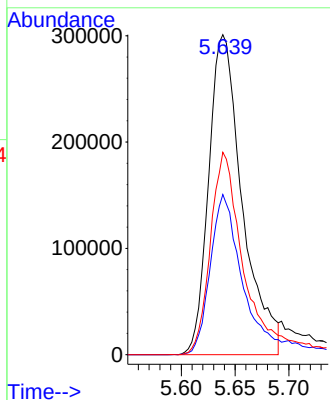
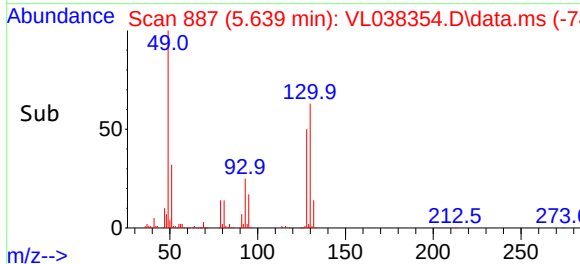
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



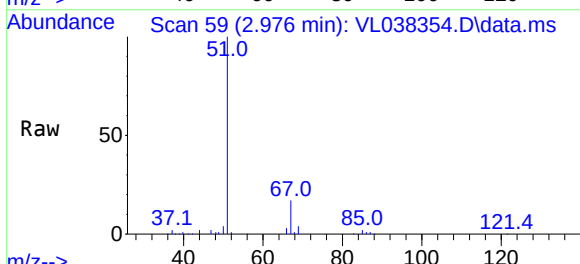
Tgt Ion: 49 Resp: 65444
Ion Ratio Lower Upper
49 100
128 52.9 24.5 73.5
130 67.6 30.1 90.5

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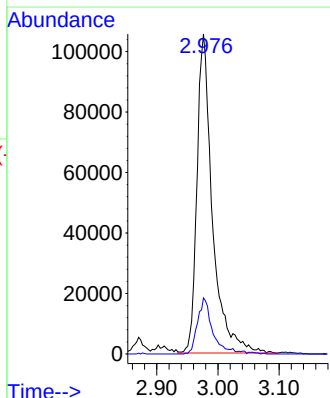
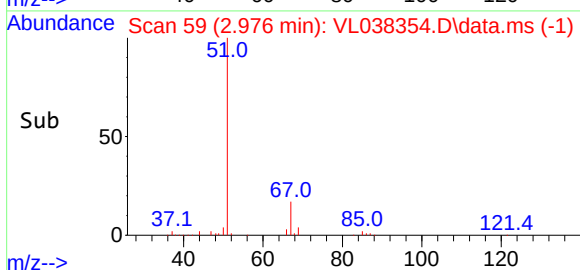
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

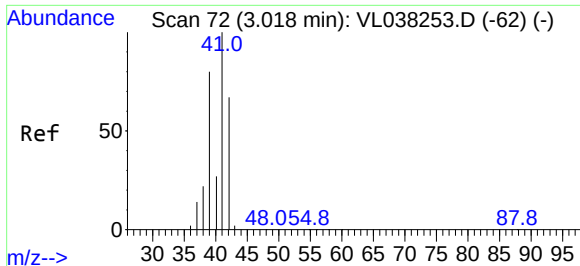


#3
Chlorodifluoromethane
Concen: 1.422 ppbv
RT: 2.976 min Scan# 59
Delta R.T. -0.023 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59



Tgt Ion: 51 Resp: 185212
Ion Ratio Lower Upper
51 100
67 17.5 14.4 21.6





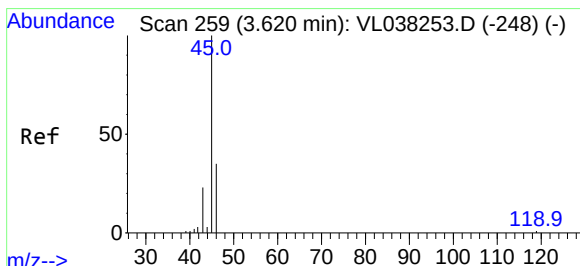
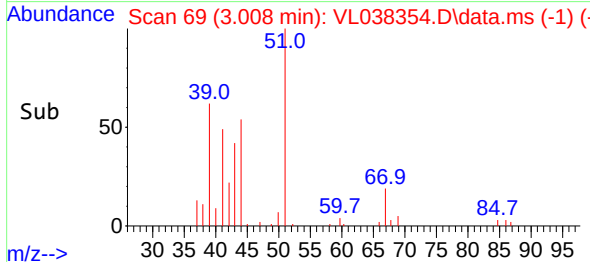
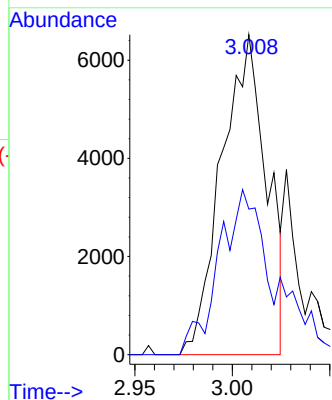
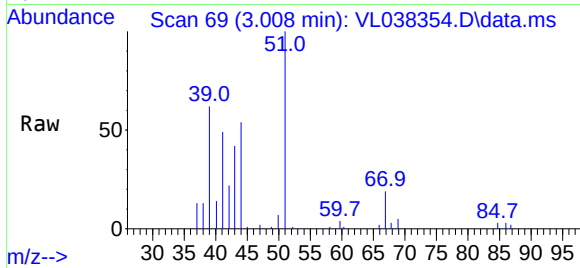
#9
 Propene
 Concen: 0.247 ppbv
 RT: 3.008 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL038354.D
 Acq: 14 Feb 2022 23:59

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tgt Ion: 41 Resp: 1046
 Ion Ratio Lower Upper
 41 100
 42 65.6 54.9 82.3

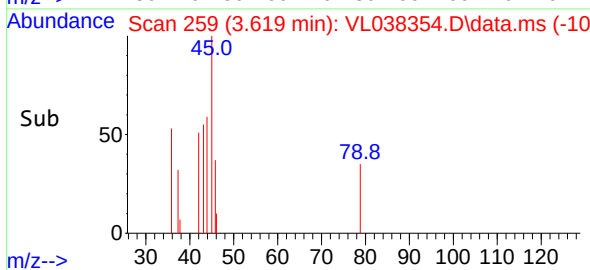
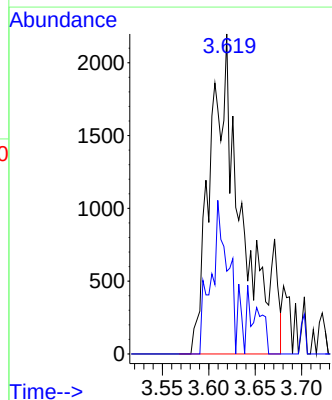
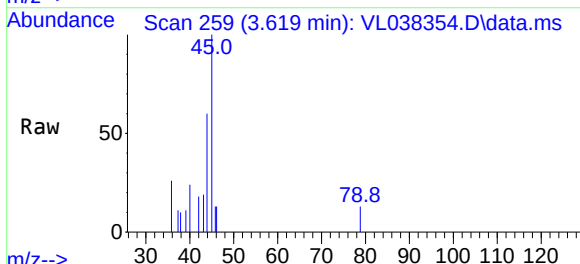
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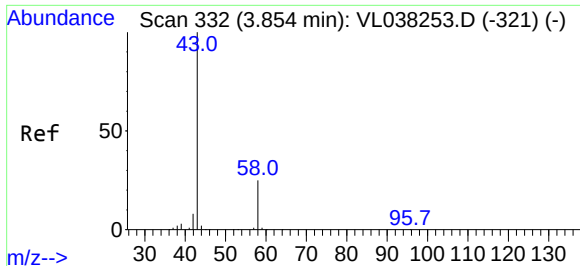
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#13
 Ethanol
 Concen: 1.146 ppbv m
 RT: 3.619 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VL038354.D
 Acq: 14 Feb 2022 23:59

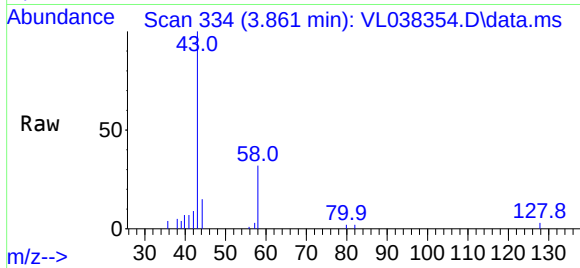
Tgt Ion: 45 Resp: 5216
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.4 61.6#





#15
Acetone
Concen: 0.430 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

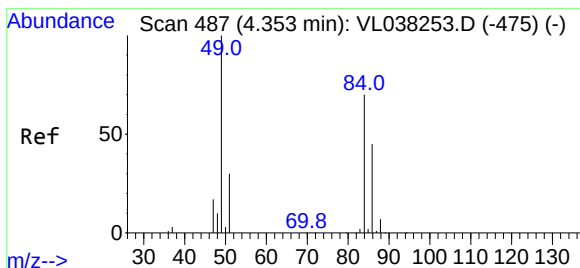
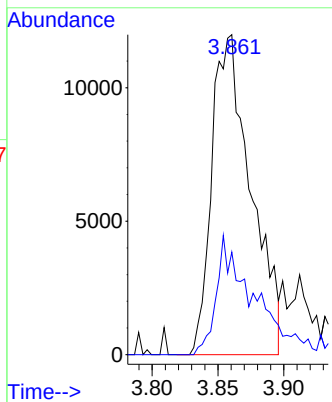
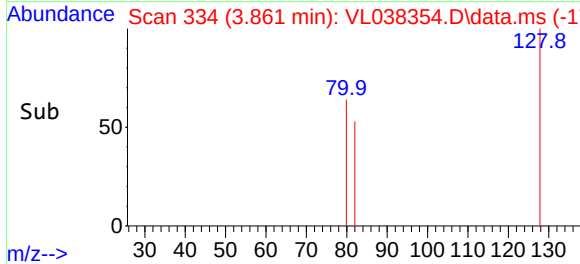
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 43 Resp: 24818
Ion Ratio Lower Upper
43 100
58 36.8 21.5 32.3

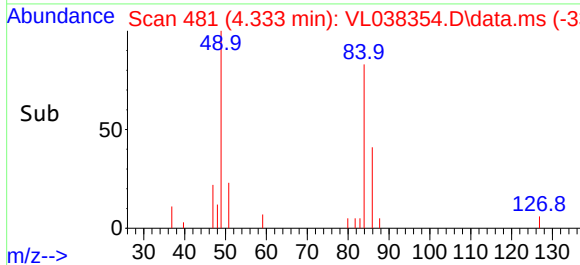
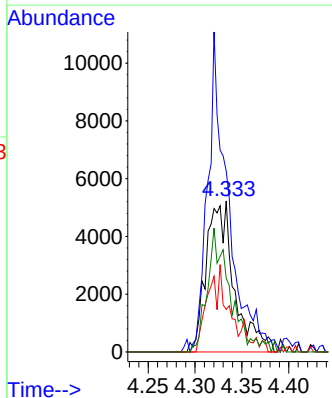
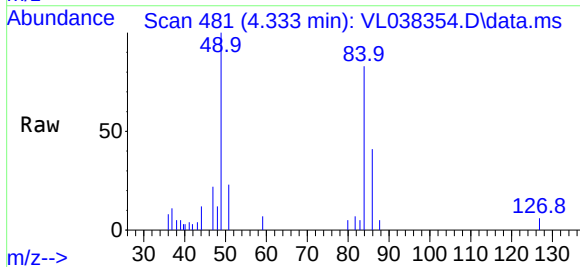
Manual Integrations
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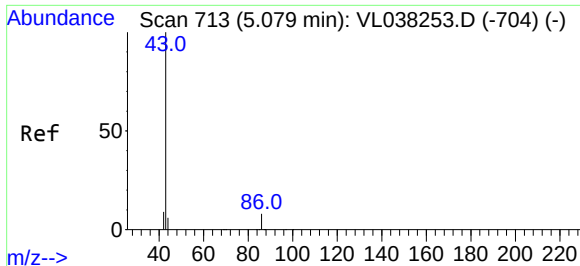
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.324 ppbv m
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

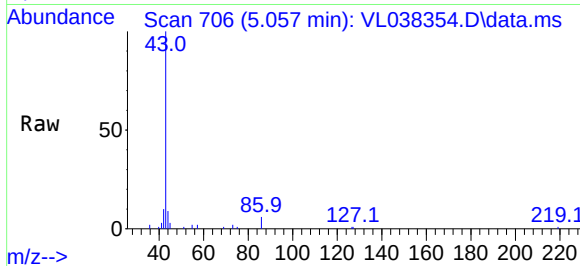
Tgt Ion: 84 Resp: 10888
Ion Ratio Lower Upper
84 100
49 119.9 115.0 172.6
51 28.2 35.0 52.6#
86 48.8 51.4 77.0#





#23
 Vinyl Acetate
 Concen: 0.587 ppbv m
 RT: 5.057 min Scan# 706
 Delta R.T. -0.023 min
 Lab File: VL038354.D
 Acq: 14 Feb 2022 23:59

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

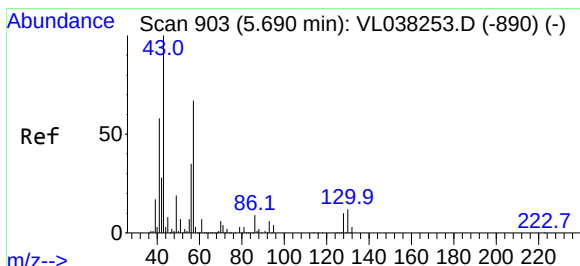
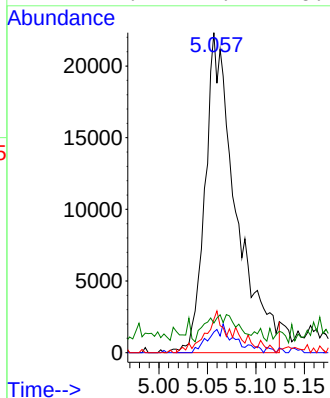
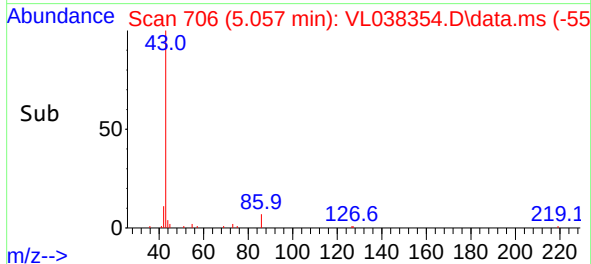


Tgt Ion: 43 Resp: 4927

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.7	8.5
42	10.4	7.7	11.5
44	9.2	4.2	6.4

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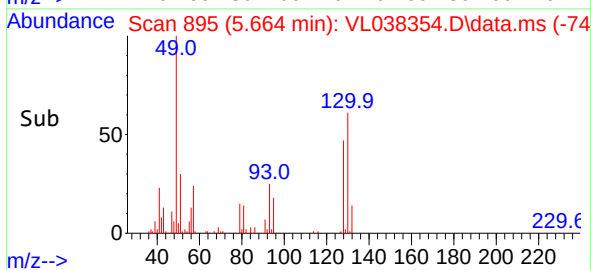
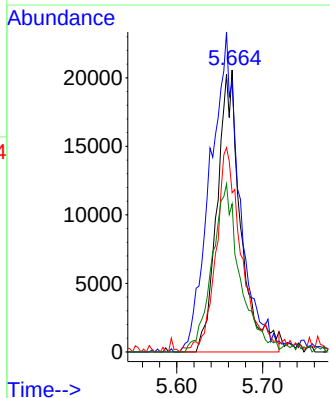
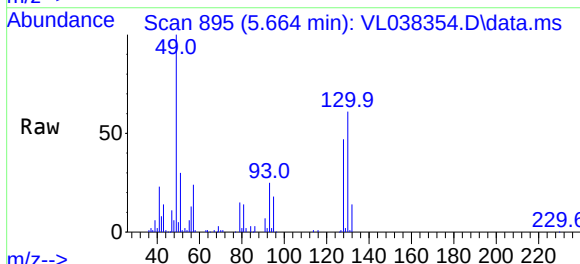
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

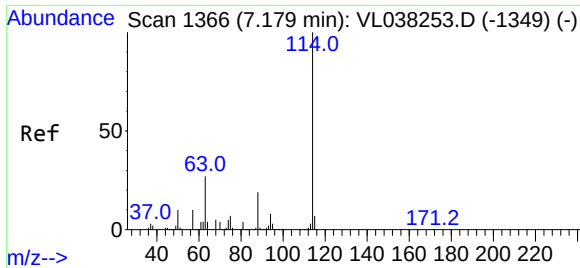


#26
 Hexane
 Concen: 0.522 ppbv m
 RT: 5.664 min Scan# 895
 Delta R.T. -0.026 min
 Lab File: VL038354.D
 Acq: 14 Feb 2022 23:59

Tgt Ion: 57 Resp: 39248

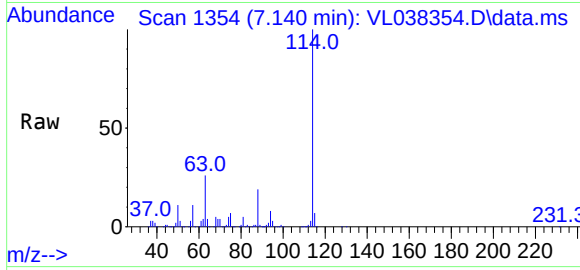
Ion	Ratio	Lower	Upper
57	100		
41	142.5	72.8	109.2
43	81.5	177.0	265.6
56	73.0	43.3	64.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 11
Delta R.T. -0.039 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

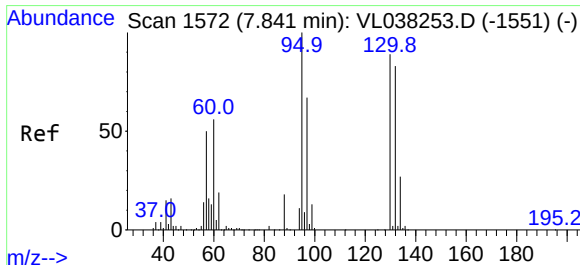
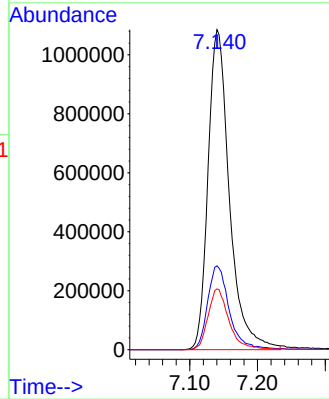
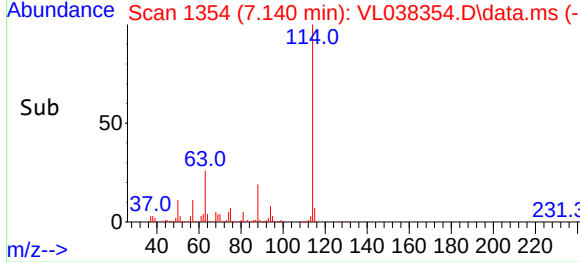
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:114 Resp: 237875
Ion Ratio Lower Upper
114 100
63 26.8 22.0 33.0
88 18.9 15.0 22.6

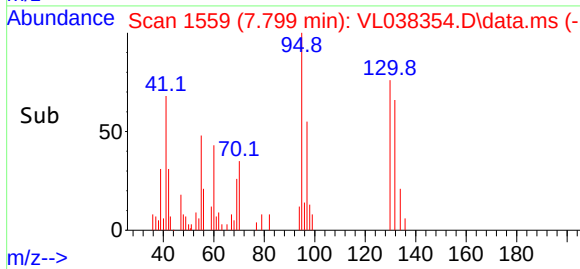
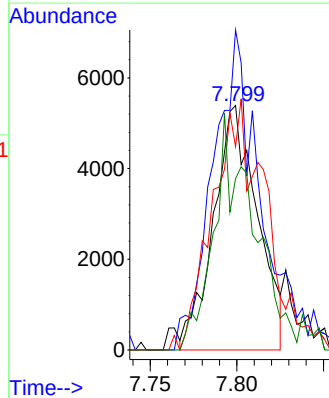
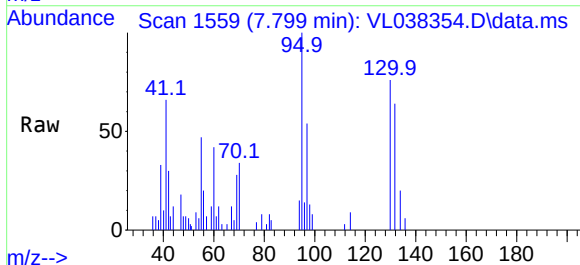
Manual Integrations
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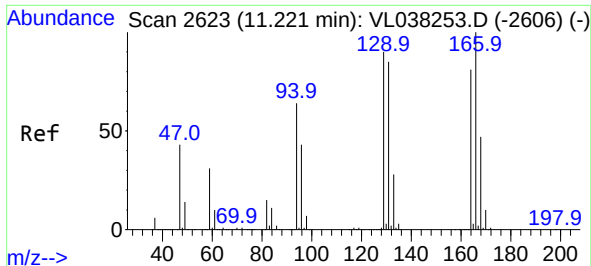
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 0.121 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. -0.042 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

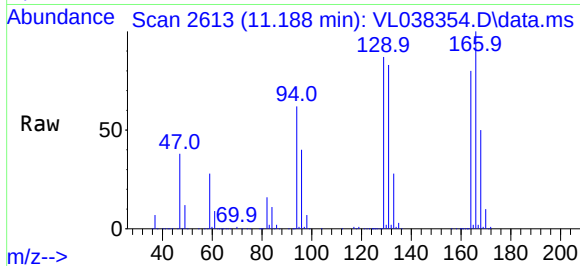
Tgt Ion:130 Resp: 9455
Ion Ratio Lower Upper
130 100
95 122.8 89.4 134.2
132 86.6 74.6 111.8
97 72.9 59.6 89.4





#52
Tetrachloroethene
Concen: 37.716 ppbv
RT: 11.188 min Scan# 2613
Delta R.T. -0.032 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

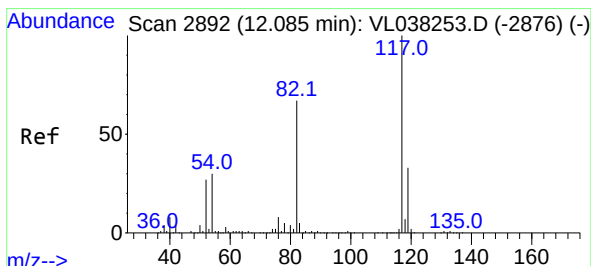
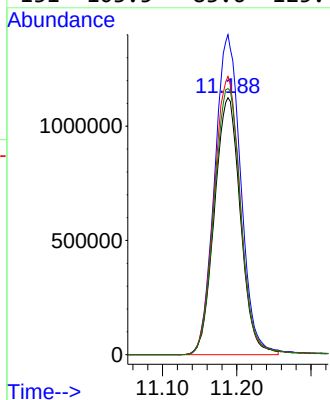
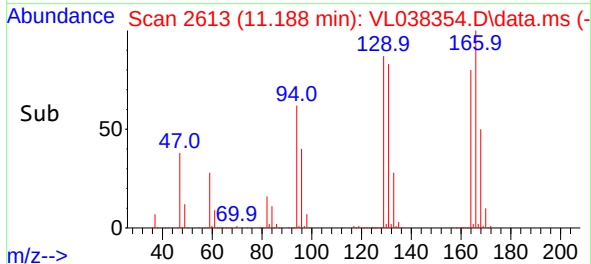
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



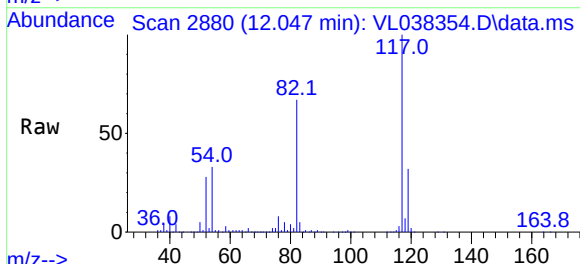
Tgt Ion:164 Resp: 2735074
Ion Ratio Lower Upper
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166 124.5 98.8 148.2
129 108.3 89.2 133.8
131 103.5 83.6 125.4

Manual Integrations
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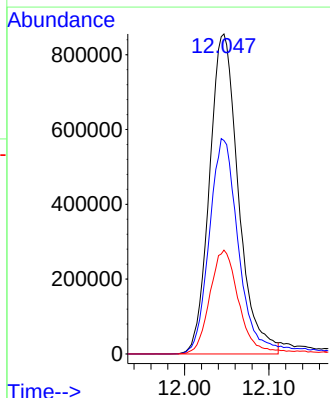
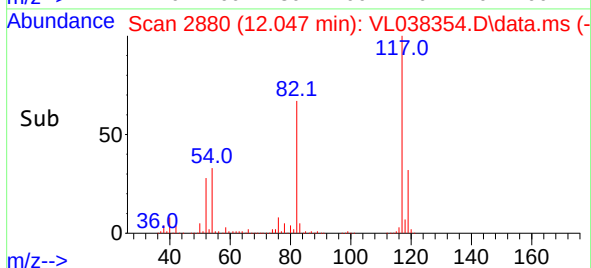
Reviewed By :Semsettin Yesilyurt 02/15/2022
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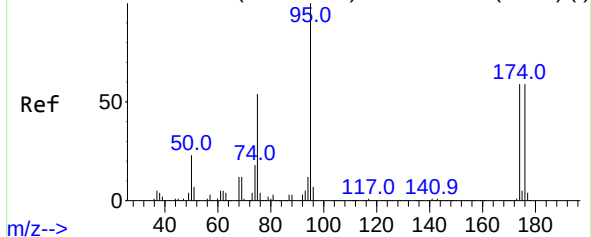
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2880
Delta R.T. -0.039 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59



Tgt Ion:117 Resp: 2040918
Ion Ratio Lower Upper
117 100
82 72.0 54.4 81.6
119 33.7 45.9 68.9#



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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.472 ppbv
RT: 14.375 min Scan# 30
Delta R.T. -0.039 min
Lab File: VL038354.D
Acq: 14 Feb 2022 23:59

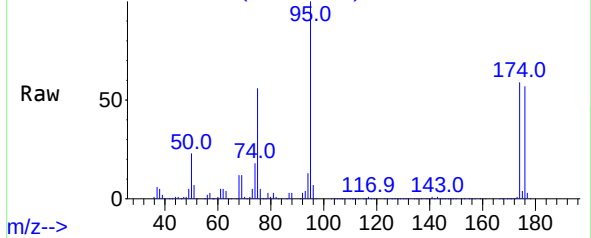
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 95 Resp: 162217
Ion Ratio Lower Upper
95 100
174 62.9 48.3 72.5
175 4.5 3.5 5.3

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

Abundance Scan 3604 (14.375 min): VL038354.D\data.ms



Abundance Scan 3604 (14.375 min): VL038354.D\data.ms (-)

