

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038634.D
 Acq On : 17 Mar 2022 20:27
 Operator : SY/AP
 Sample : N2003-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:37:41 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	839639	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2087255	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.086	117	1729493	10.000	ppbv	# 0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1205877	9.171	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	28840	0.227	ppbv	96
3) Chlorodifluoromethane	2.996	51	32465	0.219	ppbv #	90
4) Chloromethane	3.147	50	31742	0.578	ppbv	98
9) Propene	3.031	41	27786	0.532	ppbv #	79
11) Trichlorofluoromethane	3.957	101	21064	0.189	ppbv	90
13) Ethanol	3.610	45	95145	15.855	ppbv	99
15) Acetone	3.858	43	394706	6.664	ppbv	95
19) Isopropyl Alcohol	3.980	45	30186m	0.763	ppbv	
20) Methylene Chloride	4.350	84	134636	3.778	ppbv	95
26) Hexane	5.694	57	125627	1.341	ppbv #	44
34) 2-Butanone	5.256	43	69086	1.277	ppbv #	90
35) Carbon Tetrachloride	7.021	117	9321m	0.065	ppbv	
36) Benzene	6.899	78	20894m	0.111	ppbv	
52) Tetrachloroethene	11.227	164	8350m	0.121	ppbv	
53) Toluene	9.806	91	84029	0.418	ppbv	96

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

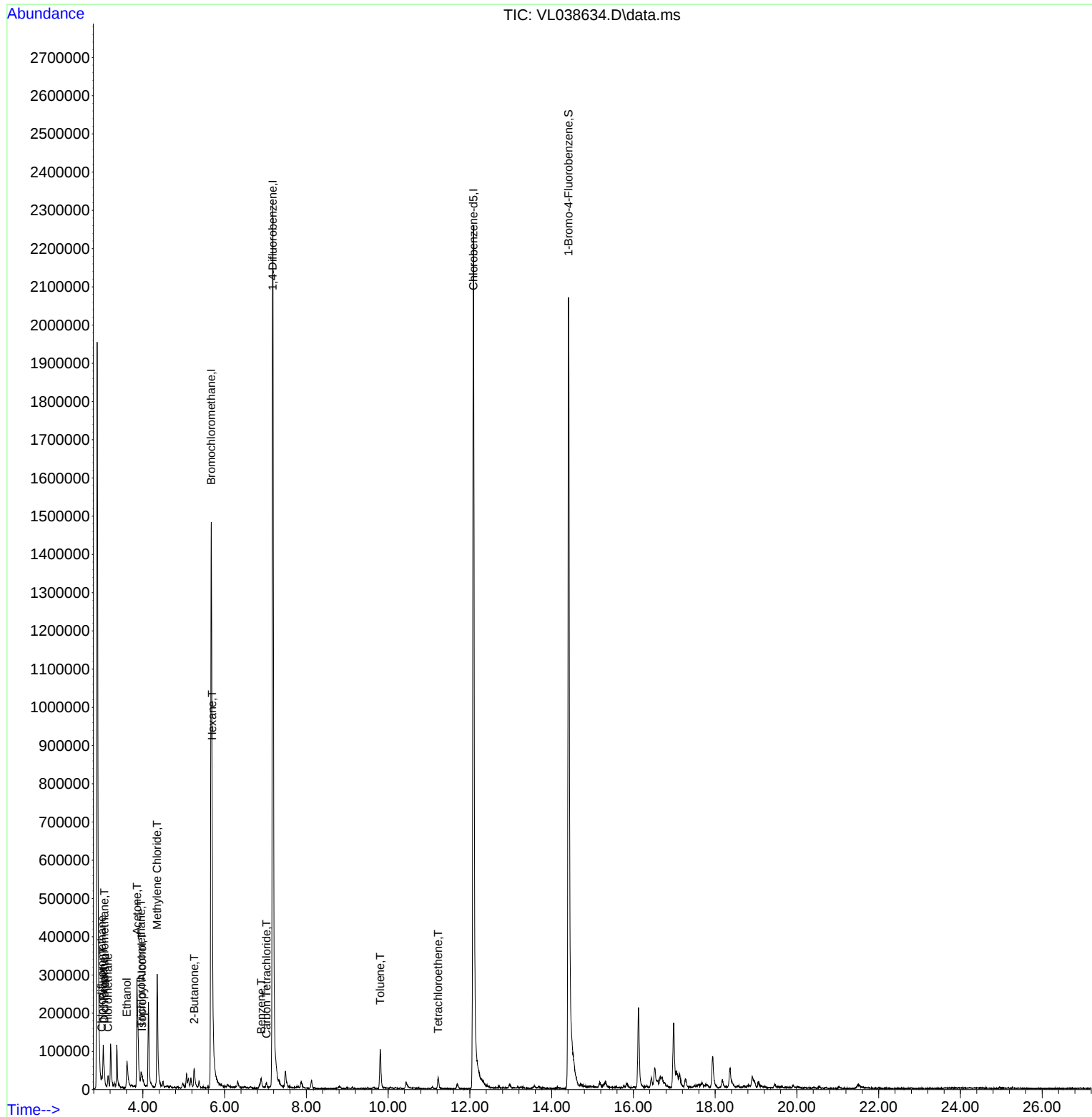
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
Data File : VL038634.D
Acq On : 17 Mar 2022 20:27
Operator : SY/AP
Sample : N2003-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

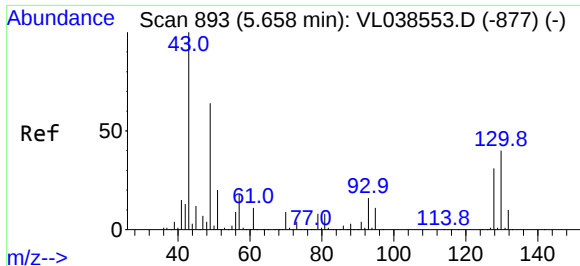
Instrument :
MSVOA_L
ClientSampleId :
C0PA6

Quant Time: Mar 18 03:37:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

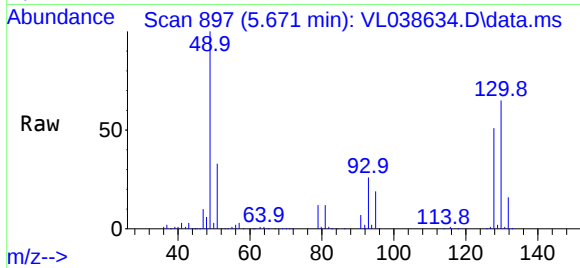
Reviewed By : Semsettin Yesilyurt 03/19/2022
Supervised By : Mahesh Dadoda 03/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

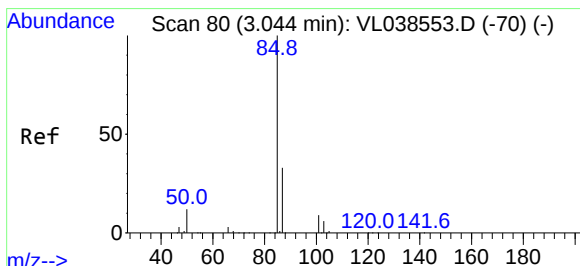
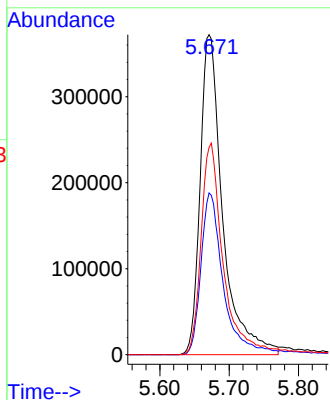
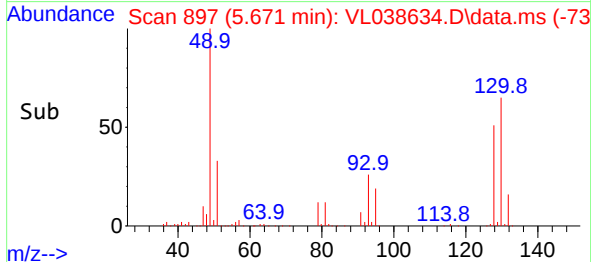
Instrument :
MSVOA_L
ClientSampleId :
COPA6



Tgt Ion: 49 Resp: 839639
Ion Ratio Lower Upper
49 100
128 51.8 26.4 79.2
130 68.0 33.0 98.9

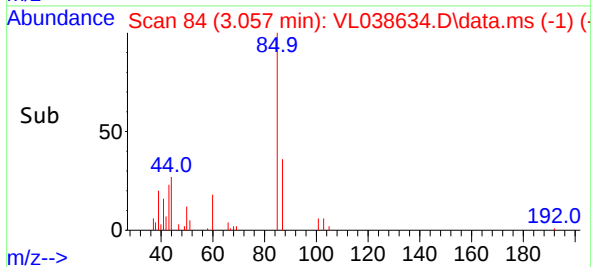
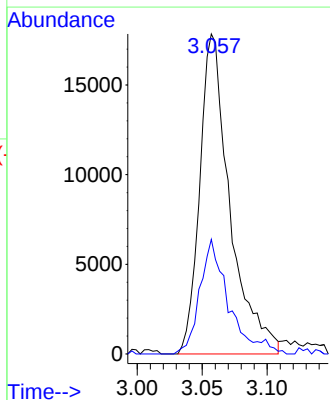
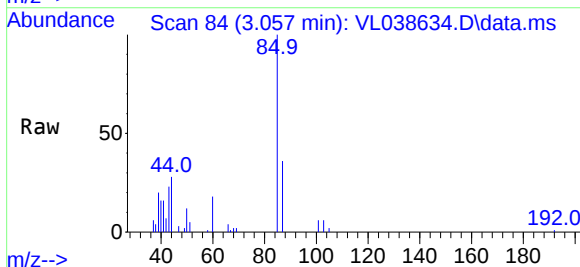
Manual Integrations
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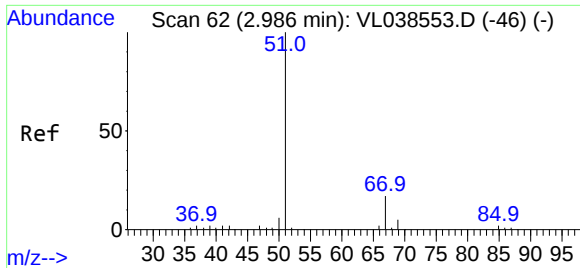
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#2
Dichlorodifluoromethane
Concen: 0.227 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

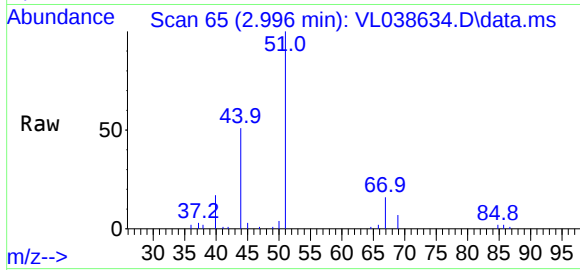
Tgt Ion: 85 Resp: 28840
Ion Ratio Lower Upper
85 100
87 35.0 26.2 39.2





#3
Chlorodifluoromethane
Concen: 0.219 ppbv
RT: 2.996 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

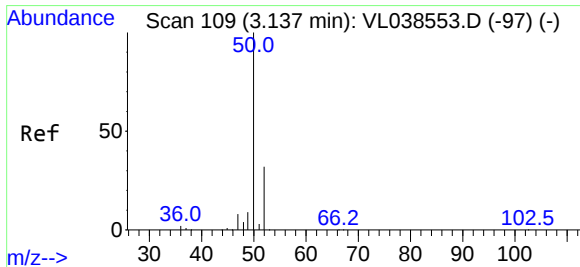
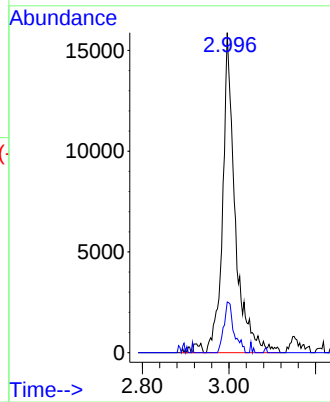
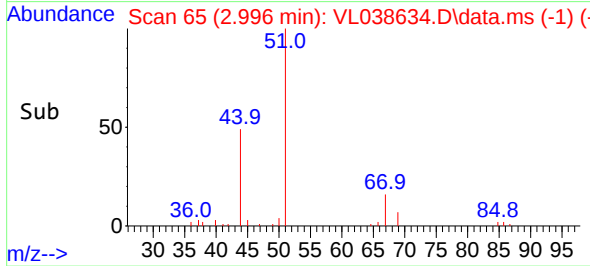
Instrument :
MSVOA_L
ClientSampleId :
COPA6



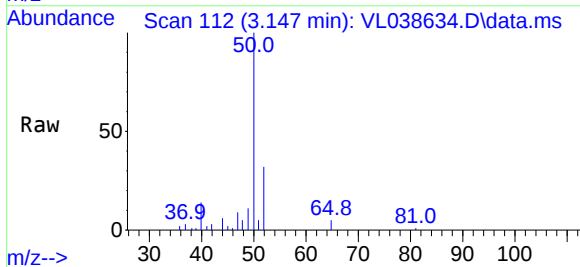
Tgt Ion: 51 Resp: 3246
Ion Ratio Lower Upper
51 100
67 12.5 13.6 20.4

Manual Integrations
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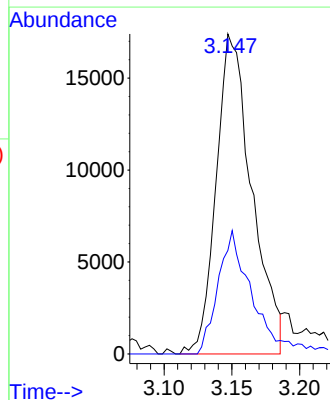
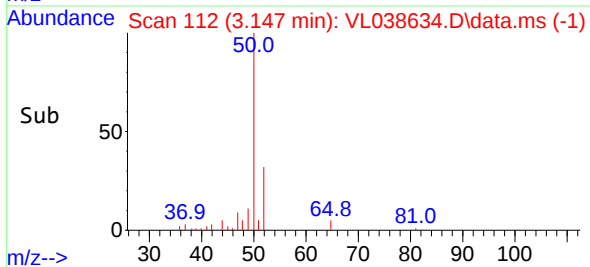
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

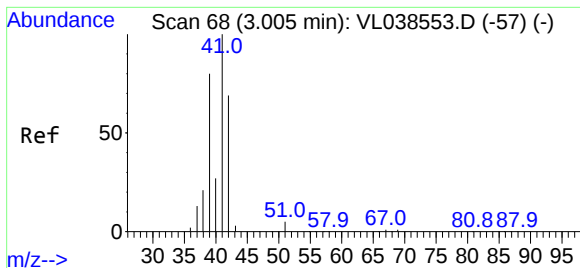


#4
Chloromethane
Concen: 0.578 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.010 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27



Tgt Ion: 50 Resp: 31742
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4





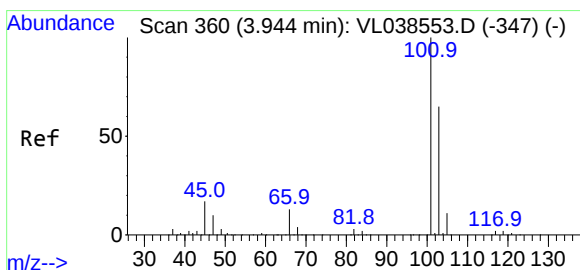
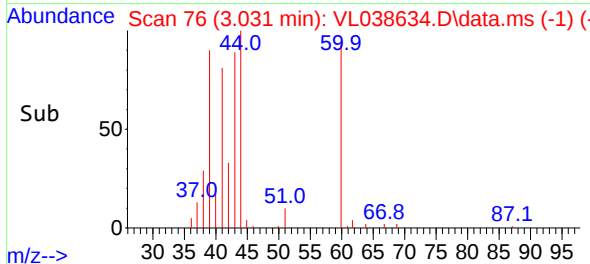
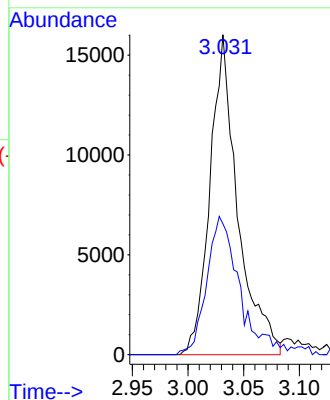
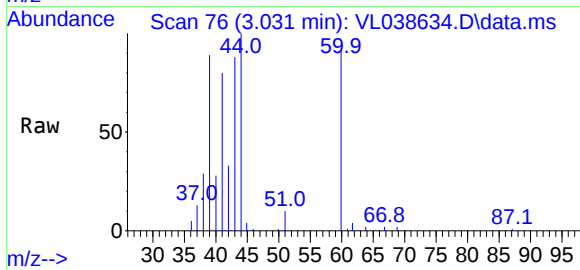
#9
Propene
Concen: 0.532 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.026 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

Instrument :
MSVOA_L
ClientSampleId :
COPA6

Tgt Ion: 41 Resp: 27780
Ion Ratio Lower Upper
41 100
42 52.6 55.7 83.5

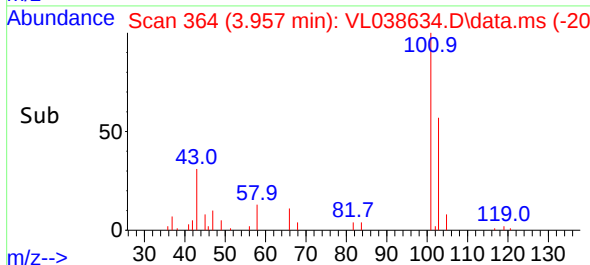
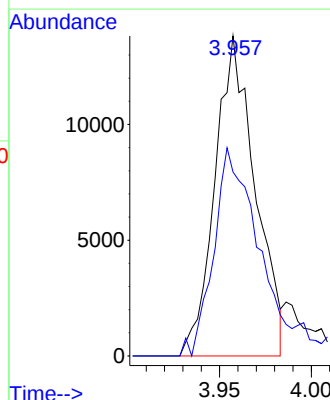
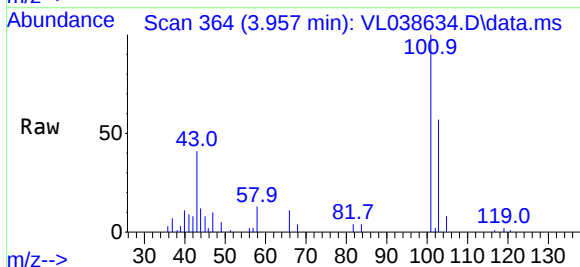
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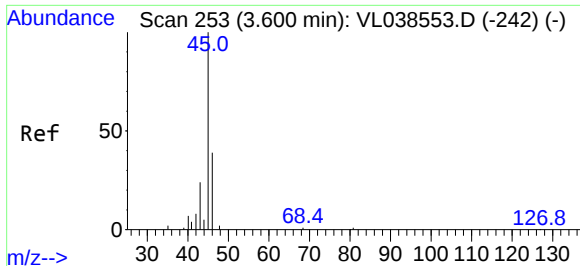
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#11
Trichlorofluoromethane
Concen: 0.189 ppbv
RT: 3.957 min Scan# 364
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

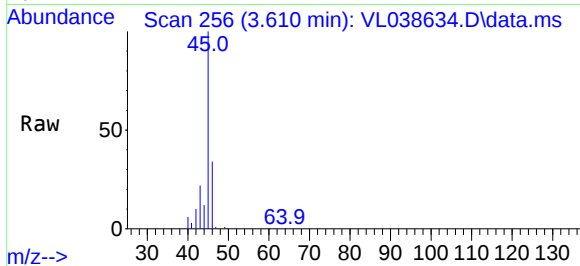
Tgt Ion:101 Resp: 21064
Ion Ratio Lower Upper
101 100
103 57.5 52.0 78.0





#13
Ethanol
Concen: 15.855 ppbv
RT: 3.610 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

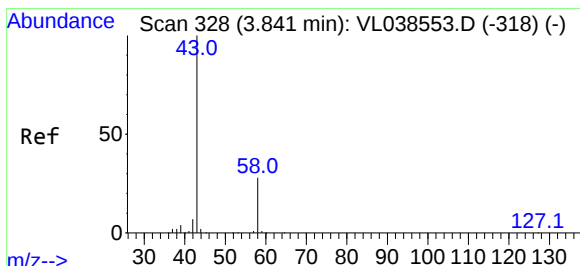
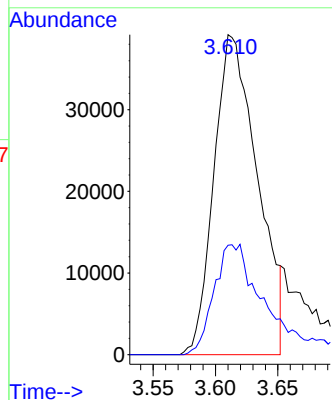
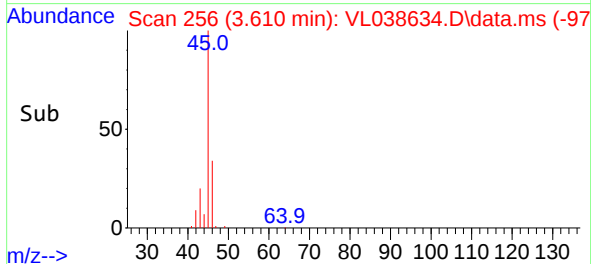
Instrument :
MSVOA_L
ClientSampleId :
COPA6



Tgt Ion: 45 Resp: 9514
Ion Ratio Lower Upper
45 100
46 41.5 16.8 67.0

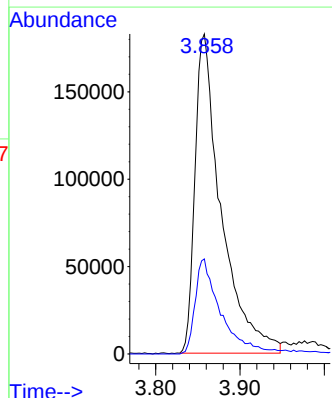
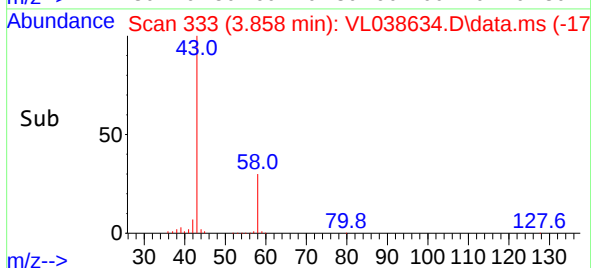
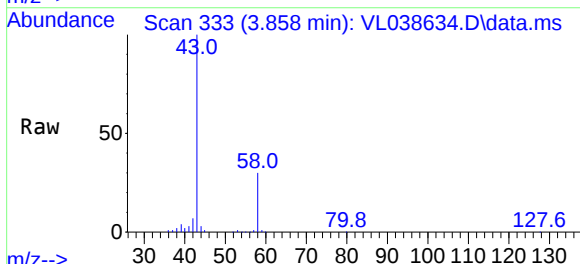
Manual Integrations
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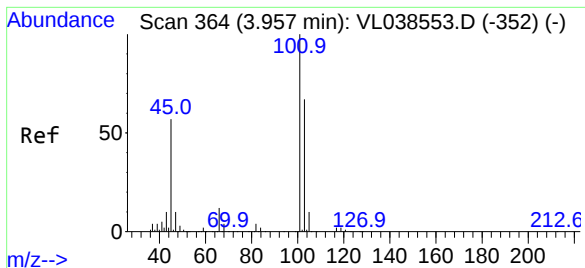
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#15
Acetone
Concen: 6.664 ppbv
RT: 3.858 min Scan# 333
Delta R.T. 0.016 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

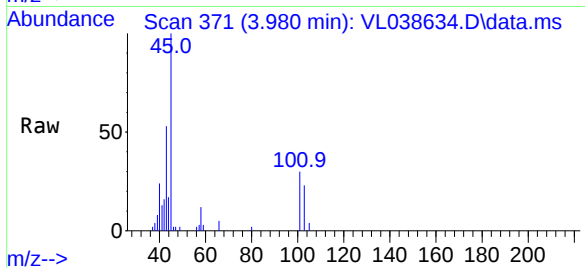
Tgt Ion: 43 Resp: 394706
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#19
Isopropyl Alcohol
Concen: 0.763 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

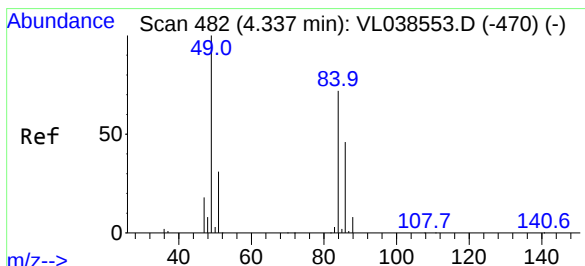
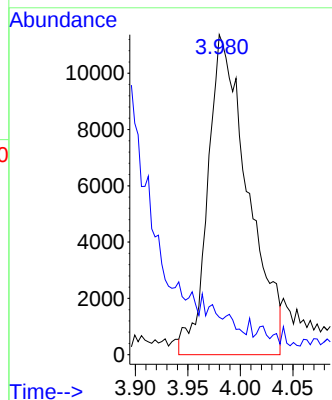
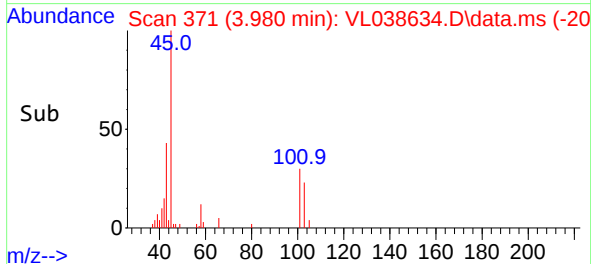
Instrument :
MSVOA_L
ClientSampleId :
COPA6



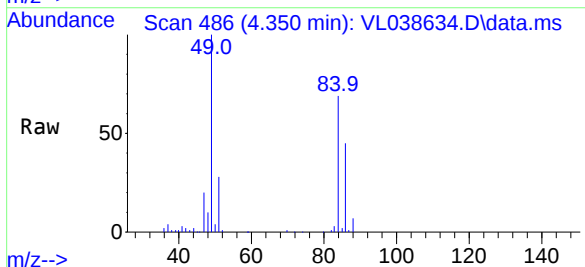
Tgt Ion: 45 Resp: 30180
Ion Ratio Lower Upper
45 100
58 0.0 2.2 3.2

Manual Integrations
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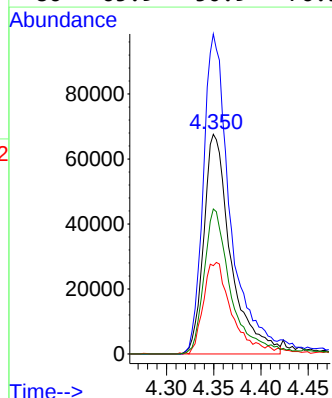
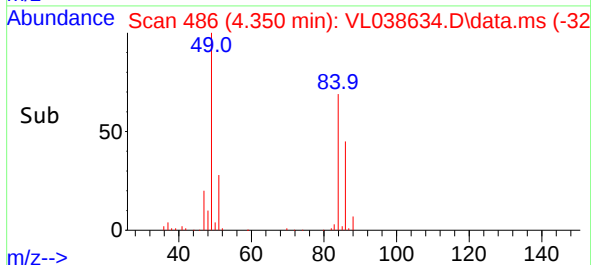
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

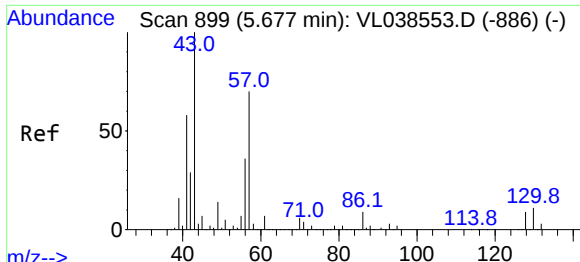


#20
Methylene Chloride
Concen: 3.778 ppbv
RT: 4.350 min Scan# 486
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27



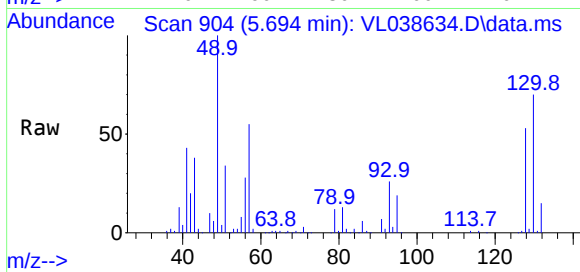
Tgt Ion: 84 Resp: 134636
Ion Ratio Lower Upper
84 100
49 145.6 111.1 166.7
51 39.7 34.0 51.0
86 65.9 50.9 76.3





#26
Hexane
Concen: 1.341 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.016 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

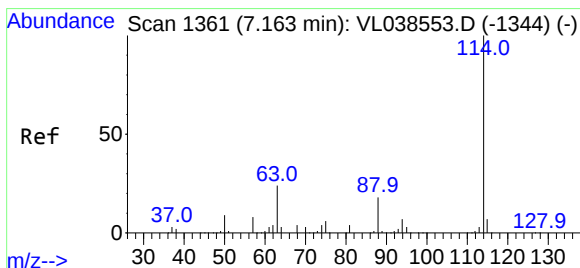
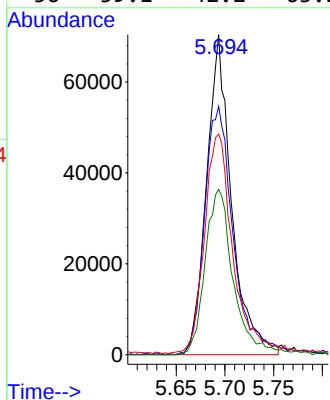
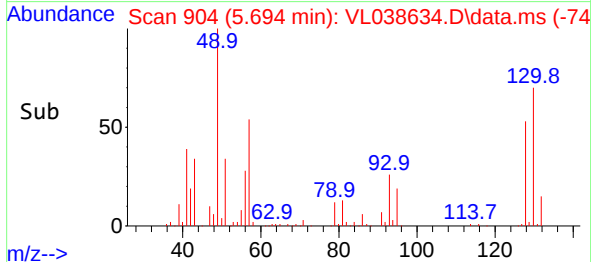
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ClientSampleId :
COPA6



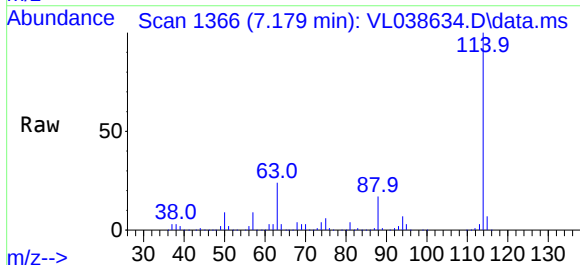
Tgt Ion: 57 Resp: 125627
Ion Ratio Lower Upper
57 100
41 92.1 67.8 101.6
43 79.2 173.6 260.4
56 59.1 42.2 63.2

Manual Integrations
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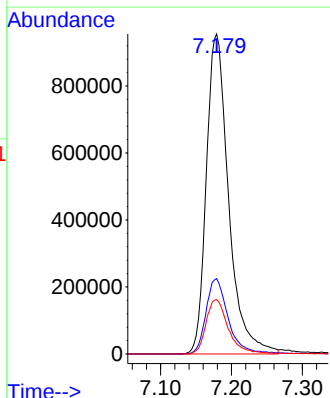
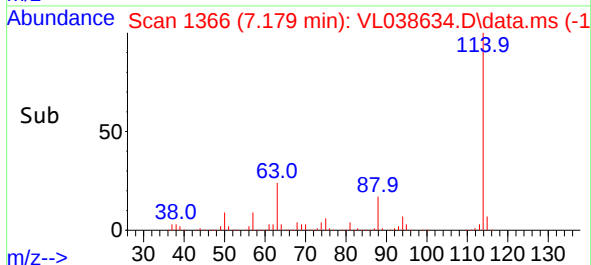
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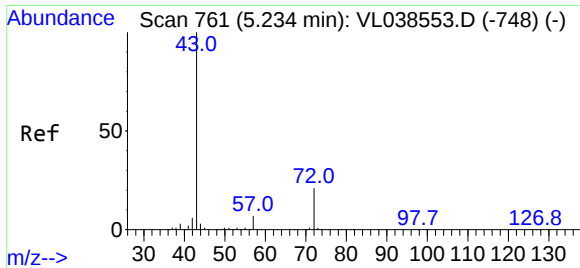


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.016 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27



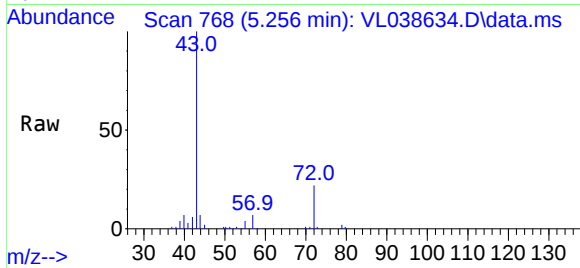
Tgt Ion:114 Resp: 2087255
Ion Ratio Lower Upper
114 100
63 23.8 19.6 29.4
88 17.2 13.9 20.9





#34
2-Butanone
Concen: 1.277 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.023 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

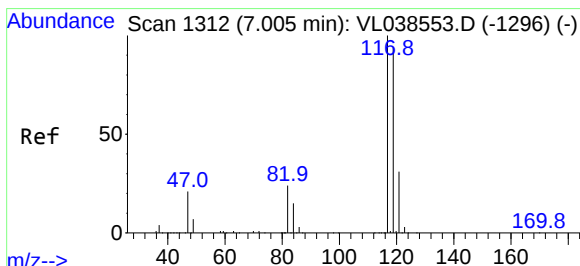
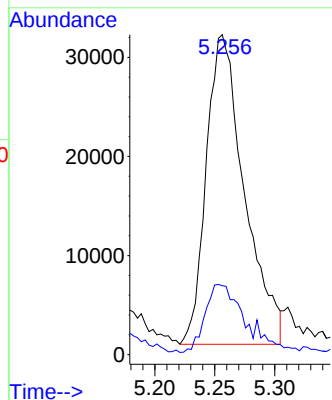
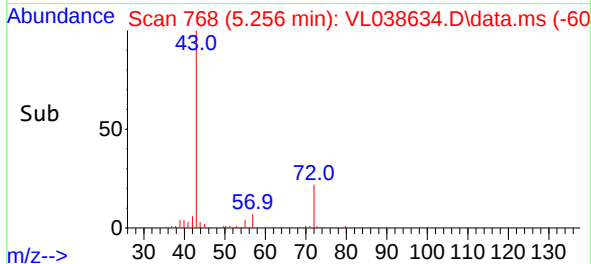
Instrument :
MSVOA_L
ClientSampleId :
COPA6



Tgt Ion: 43 Resp: 6908
Ion Ratio Lower Upper
43 100
72 26.7 17.8 26.6

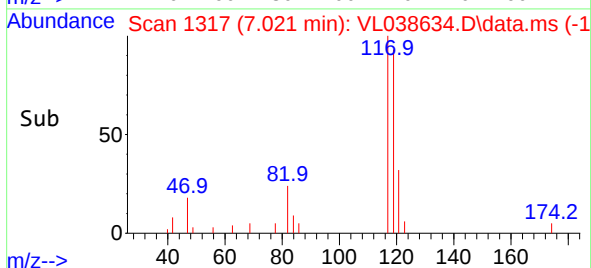
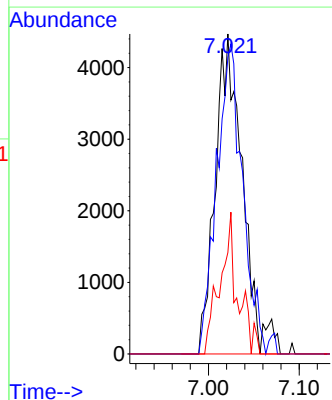
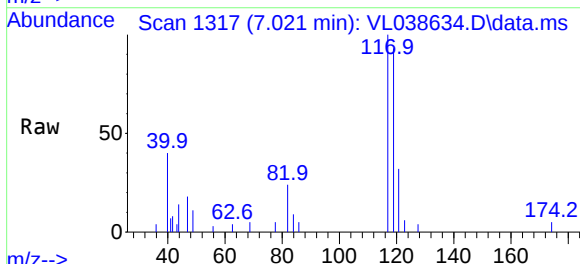
Manual Integrations
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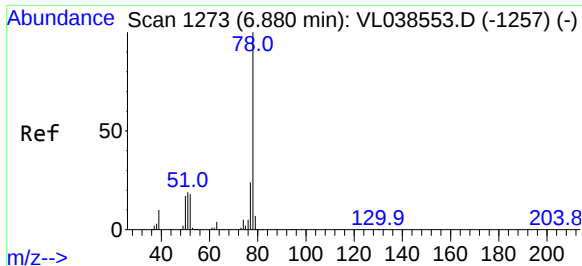
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#35
Carbon Tetrachloride
Concen: 0.065 ppbv m
RT: 7.021 min Scan# 1317
Delta R.T. 0.016 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

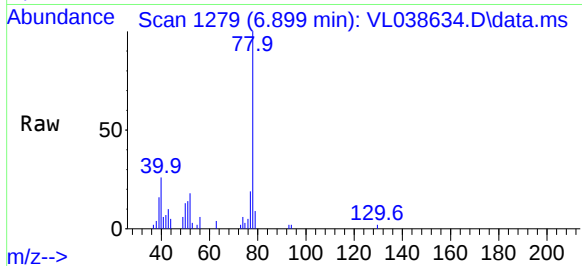
Tgt Ion:117 Resp: 9321
Ion Ratio Lower Upper
117 100
119 92.7 75.2 112.8
121 31.7 24.8 37.2





#36
Benzene
Concen: 0.111 ppbv m
RT: 6.899 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

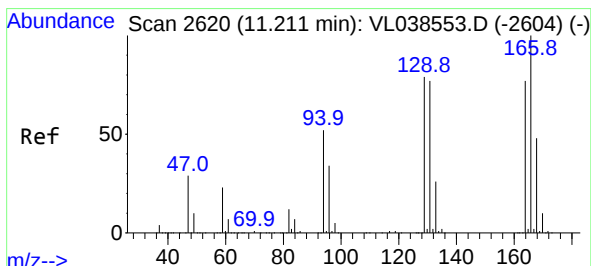
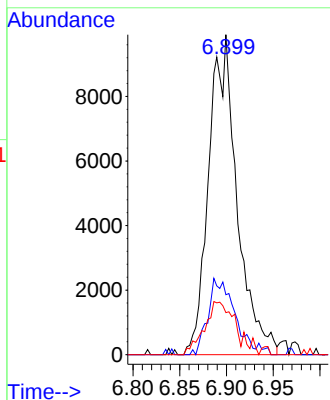
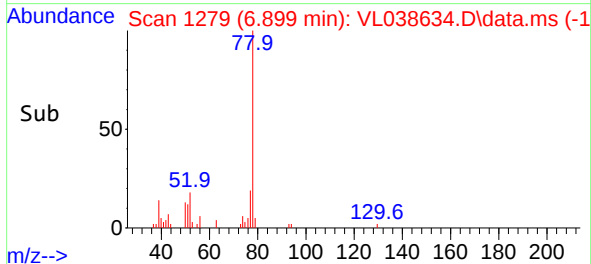
Instrument :
MSVOA_L
ClientSampleId :
COPA6



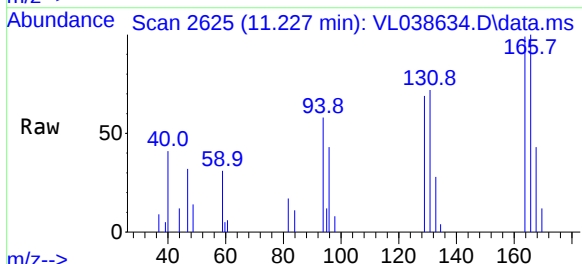
Tgt Ion: 78 Resp: 20894
Ion Ratio Lower Upper
78 100
77 18.7 19.0 28.4#
50 13.2 13.9 20.9#

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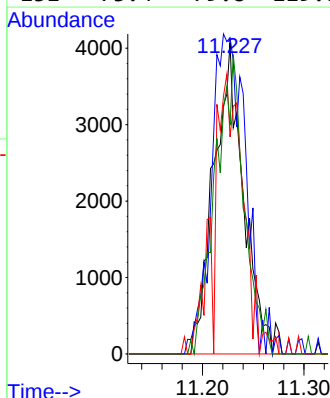
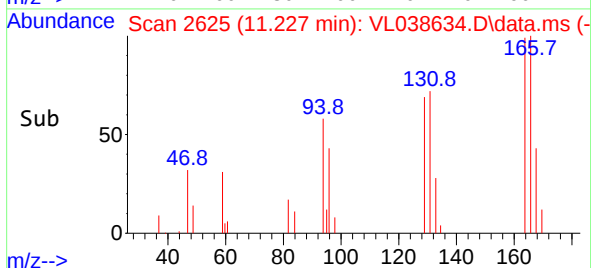
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

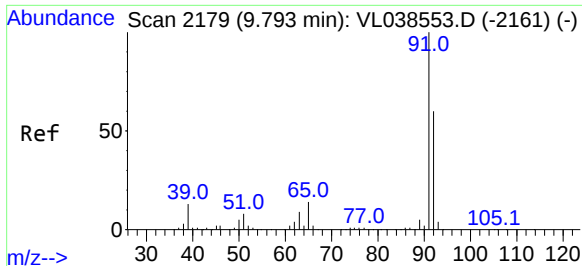


#52
Tetrachloroethene
Concen: 0.121 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.016 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27



Tgt Ion:164 Resp: 8350
Ion Ratio Lower Upper
164 100
166 101.5 103.4 155.2#
129 69.7 81.3 121.9#
131 73.4 79.8 119.8#





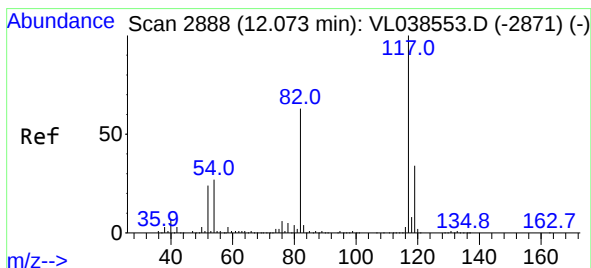
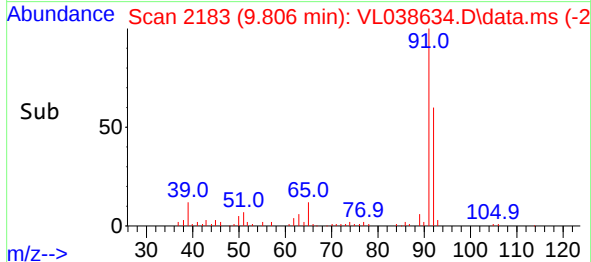
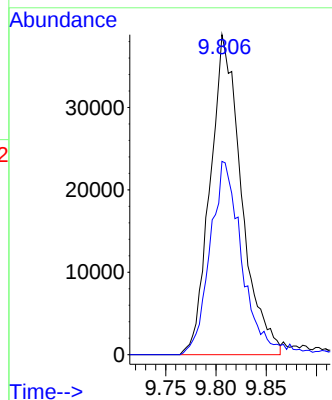
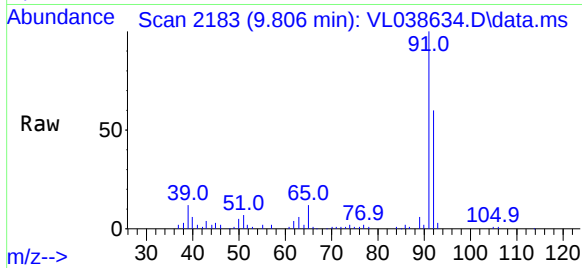
#53
Toluene
Concen: 0.418 ppbv
RT: 9.806 min Scan# 2179
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

Instrument :
MSVOA_L
ClientSampleId :
COPA6

Tgt Ion: 91 Resp: 84029
Ion Ratio Lower Upper
91 100
92 62.8 48.1 72.1

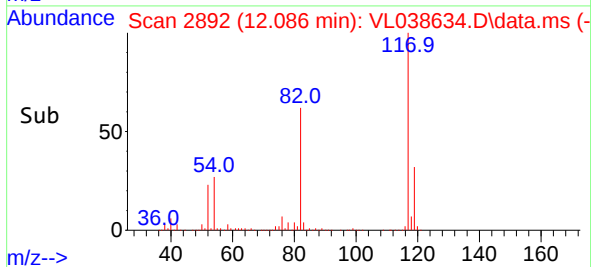
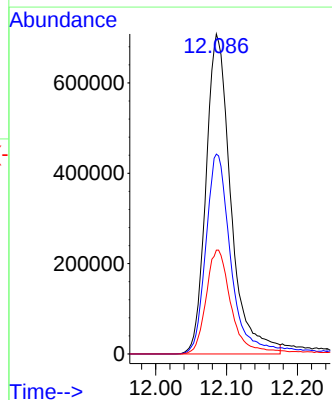
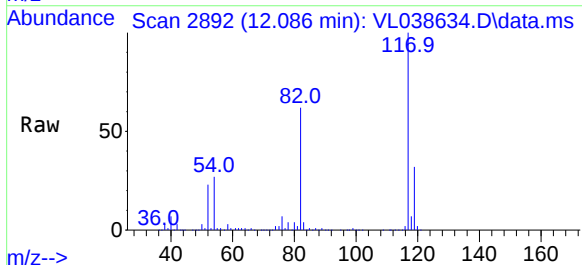
Manual Integrations
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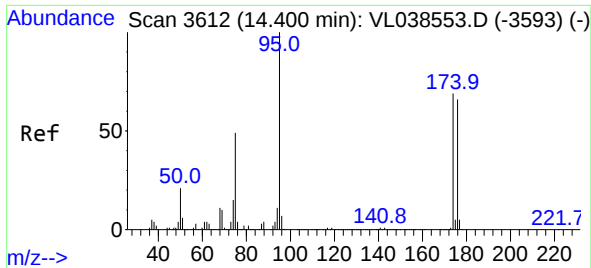
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.086 min Scan# 2892
Delta R.T. 0.013 min
Lab File: VL038634.D
Acq: 17 Mar 2022 20:27

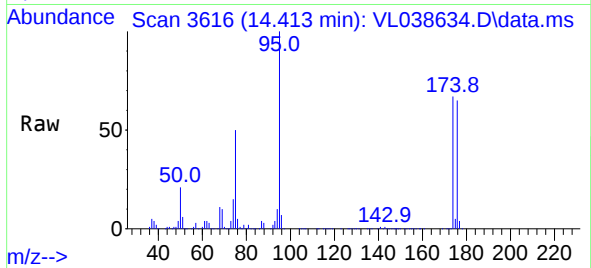
Tgt Ion:117 Resp: 1729493
Ion Ratio Lower Upper
117 100
82 65.5 52.5 78.7
119 34.6 46.4 69.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.171 ppbv
 RT: 14.413 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL038634.D
 Acq: 17 Mar 2022 20:27

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA6



Tgt Ion: 95 Resp: 120587

Ion	Ratio	Lower	Upper
95	100		
174	73.6	56.2	84.4
175	5.2	4.2	6.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

