

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040025.D
 Acq On : 19 Dec 2022 12:43
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Dec 20 04:20:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	964803	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2821156	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2410030	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1867975	10.147	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	1781m	0.025	ppbv	
32) 1,1,1-Trichloroethane	5.986	97	4428m	0.025	ppbv	
35) Carbon Tetrachloride	6.462	117	4254m	0.024	ppbv	
38) Trichloroethene	7.272	130	2689m	0.021	ppbv	
52) Tetrachloroethene	10.609	164	2626m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	2719m	0.026	ppbv	

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

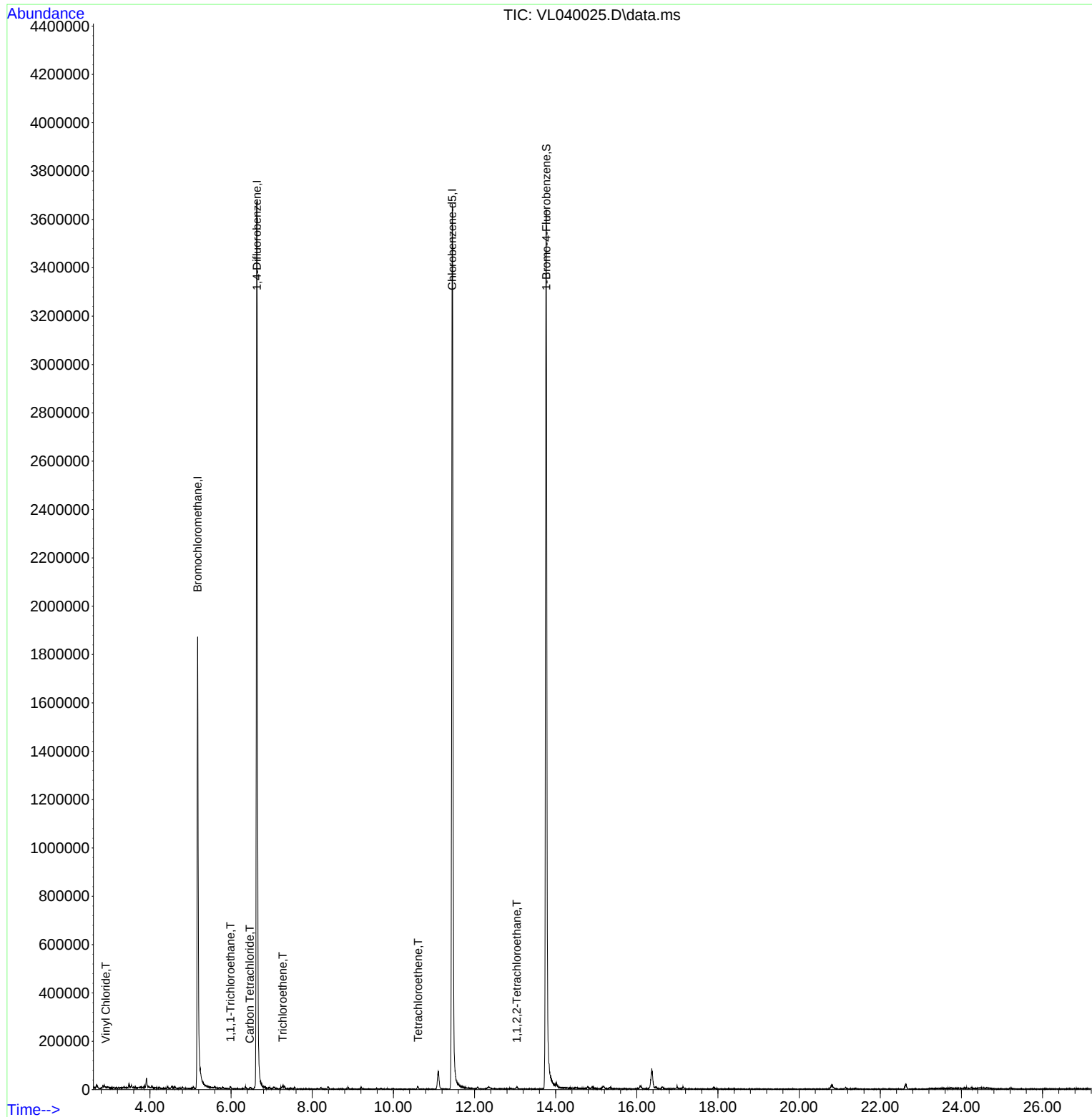
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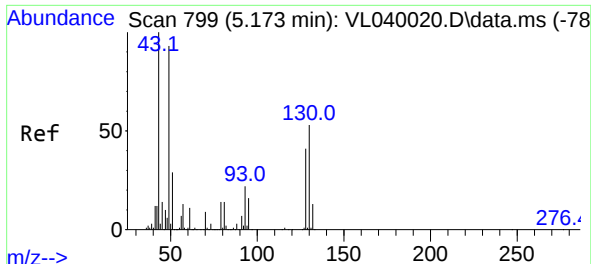
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Dec 20 04:23:50 2022
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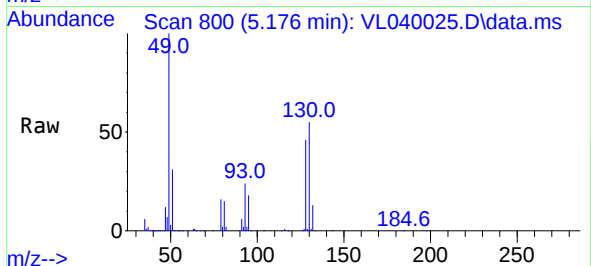
Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

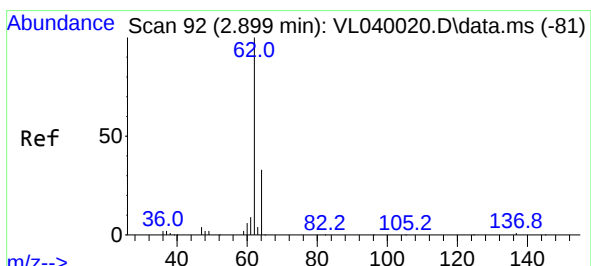
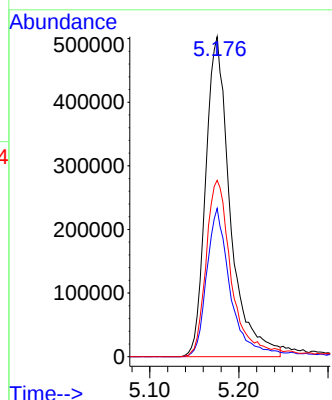
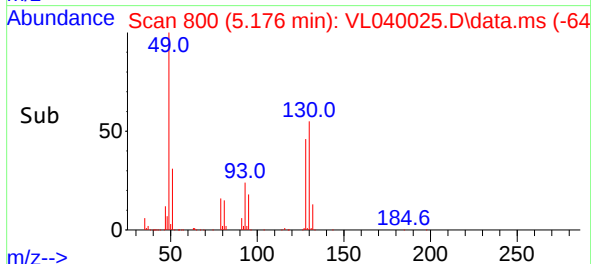
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 96480
Ion Ratio Lower Upper
49 100
128 46.9 22.4 67.3
130 60.4 28.9 86.8

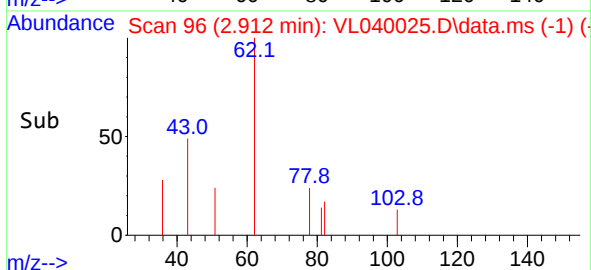
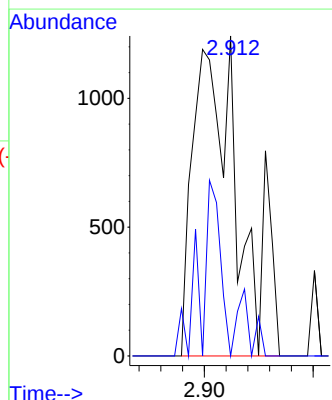
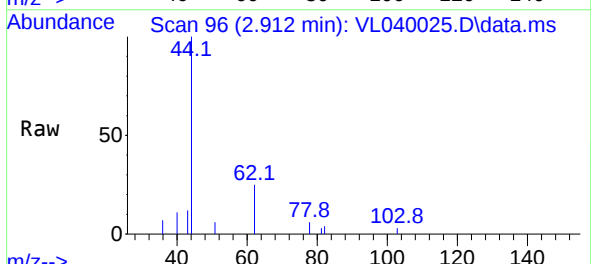
Manual Integrations
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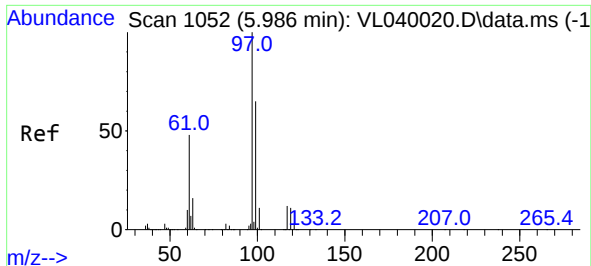
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#5
Vinyl Chloride
Concen: 0.025 ppbv m
RT: 2.912 min Scan# 96
Delta R.T. 0.013 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

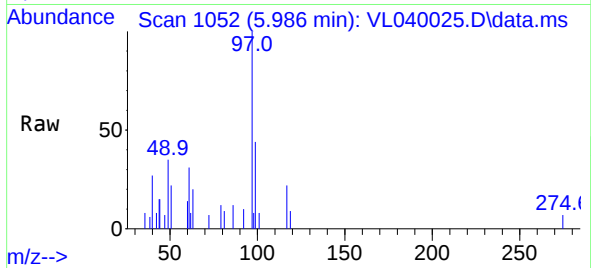
Tgt Ion: 62 Resp: 1781
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#32
1,1,1-Trichloroethane
Concen: 0.025 ppbv m
RT: 5.986 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

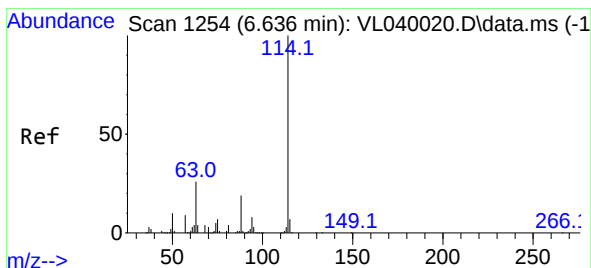
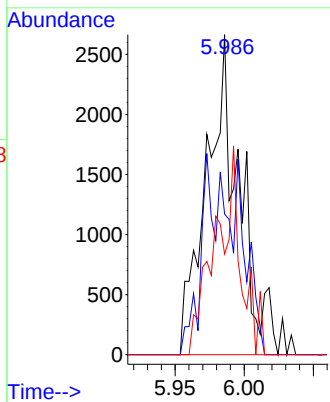
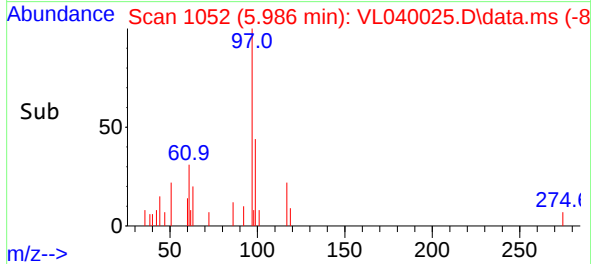
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 4428
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6
61 0.0 39.8 59.6

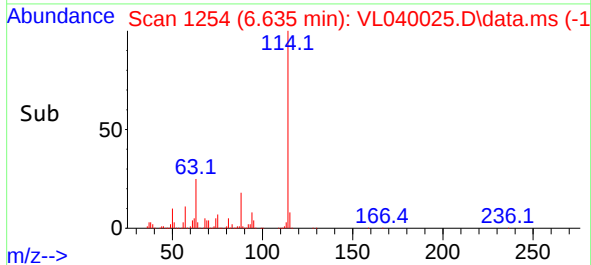
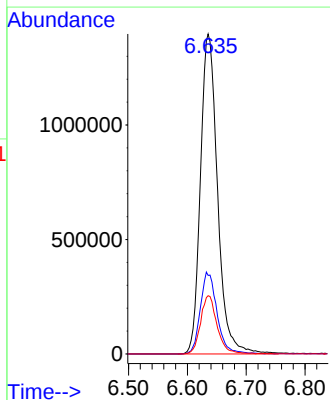
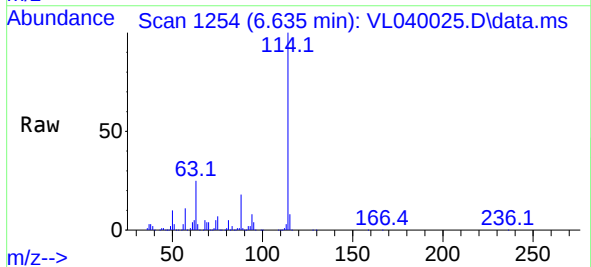
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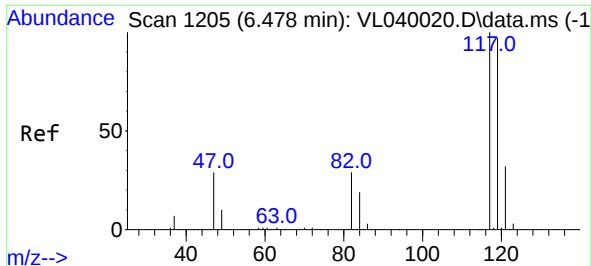
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

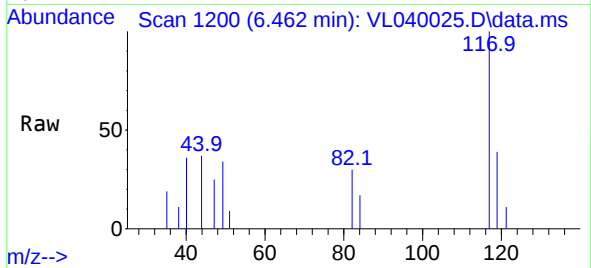
Tgt Ion:114 Resp: 2821156
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 17.8 14.6 21.8





#35
Carbon Tetrachloride
Concen: 0.024 ppbv m
RT: 6.462 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

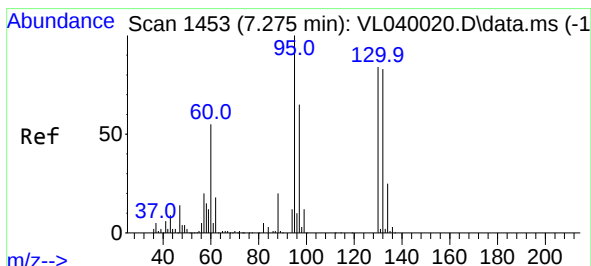
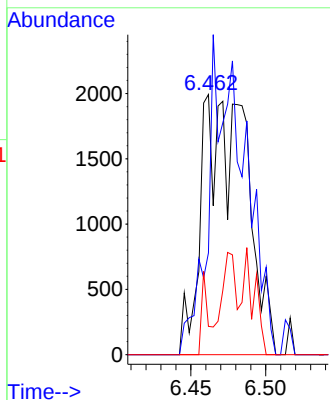
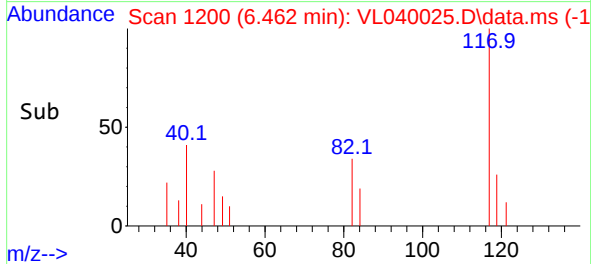
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 4254
Ion Ratio Lower Upper
117 100
119 39.1 77.3 115.9
121 10.8 25.4 38.0

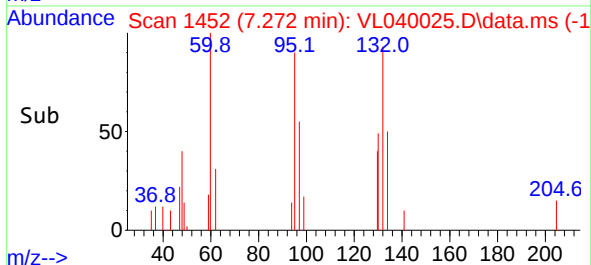
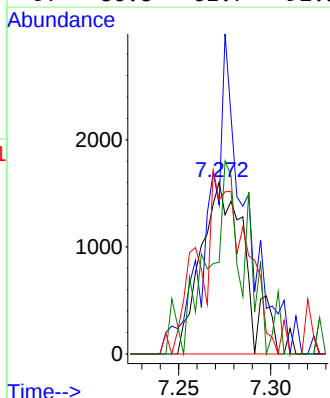
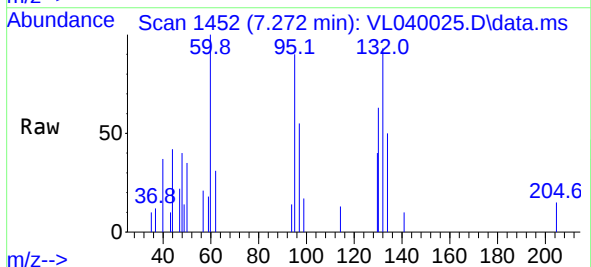
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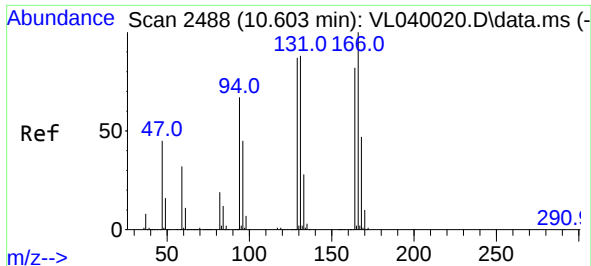
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Trichloroethene
Concen: 0.021 ppbv m
RT: 7.272 min Scan# 1452
Delta R.T. -0.003 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

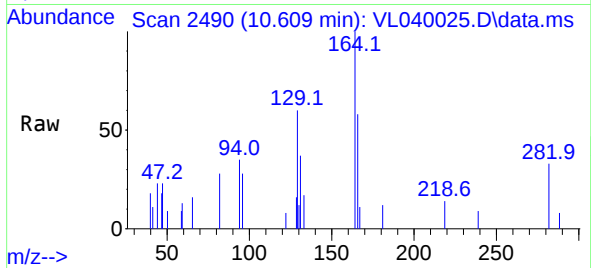
Tgt Ion:130 Resp: 2689
Ion Ratio Lower Upper
130 100
95 141.4 94.8 142.2
132 146.0 78.2 117.4
97 86.8 61.7 92.5





#52
Tetrachloroethene
Concen: 0.030 ppbv m
RT: 10.609 min Scan# 2488
Delta R.T. 0.006 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

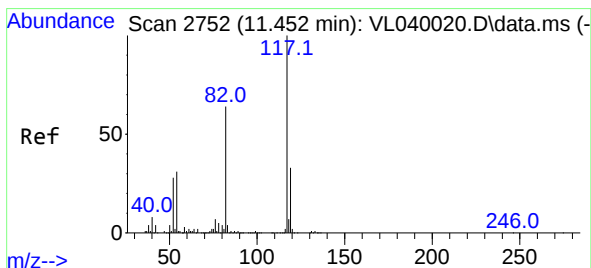
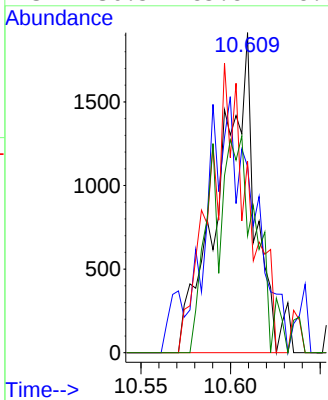
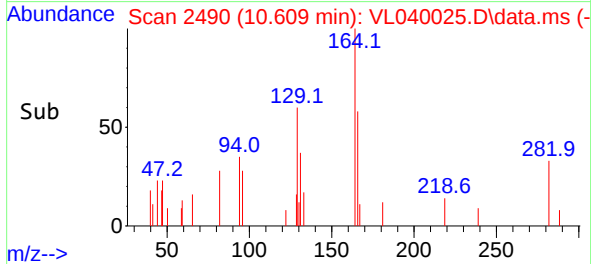
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



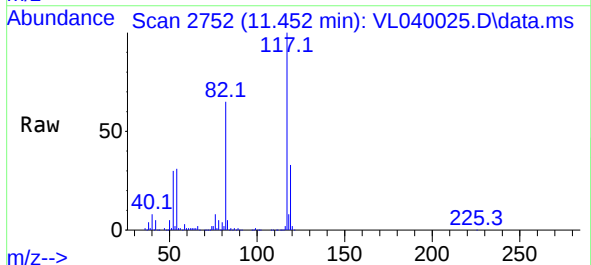
Tgt Ion:164 Resp: 2620
Ion Ratio Lower Upper
164 100
166 58.3 97.4 146.0
129 59.8 84.3 126.5
131 36.5 85.8 128.8

Manual Integrations
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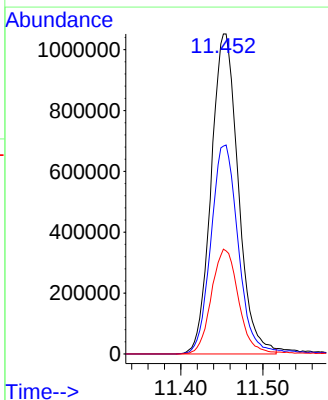
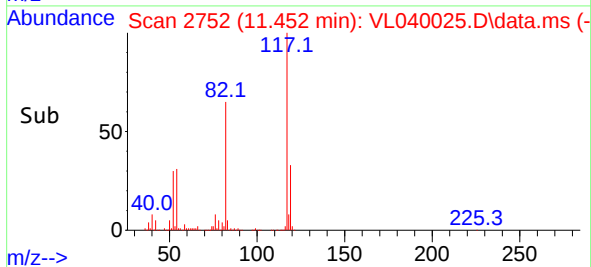
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

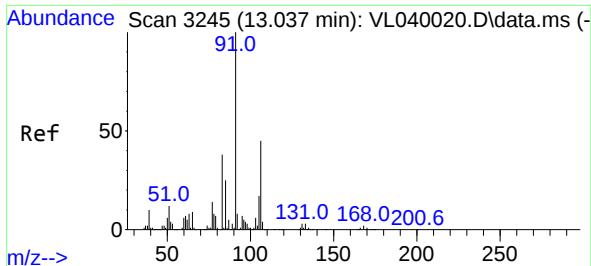


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.000 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43



Tgt Ion:117 Resp: 2410030
Ion Ratio Lower Upper
117 100
82 67.0 51.2 76.8
119 33.2 23.2 34.8





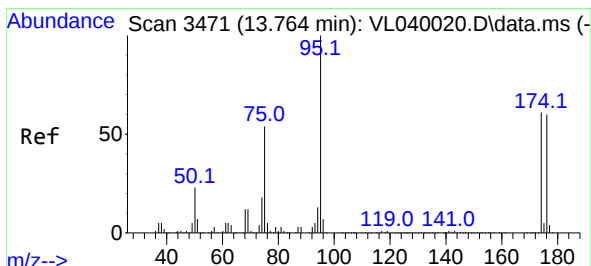
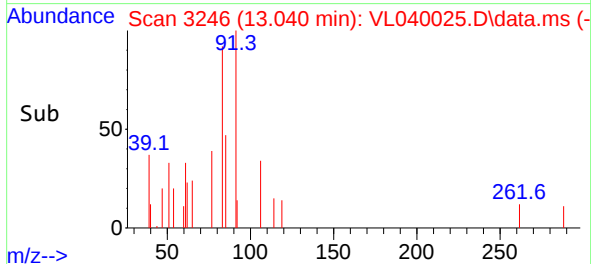
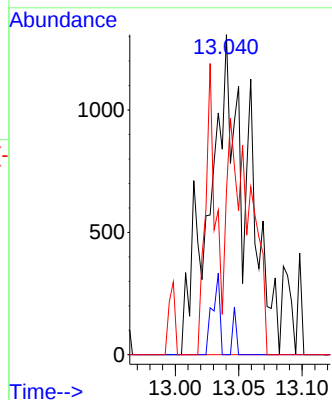
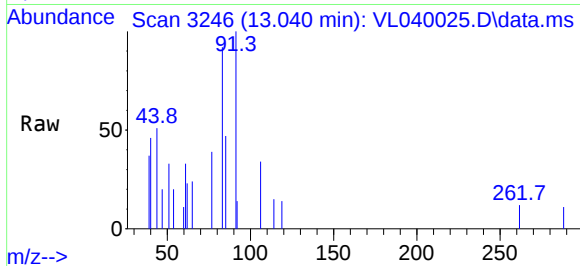
#63
1,1,2,2-Tetrachloroethane
Concen: 0.026 ppbv m
RT: 13.040 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 2719
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 33.3 99.9

Manual Integrations
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Supervised By :Mahesh Dadoda 12/20/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.147 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.003 min
Lab File: VL040025.D
Acq: 19 Dec 2022 12:43

Tgt Ion: 95 Resp: 1867975
Ion Ratio Lower Upper
95 100
174 60.3 48.6 73.0
175 4.4 3.4 5.2

