

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040634.D
 Acq On : 15 Aug 2023 13:38
 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 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 04:49:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	887332	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2406326	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2081195	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1689735	10.209	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.909	62	2073m	0.034	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	5160m	0.034	ppbv	
35) Carbon Tetrachloride	6.488	117	4742m	0.031	ppbv	
38) Trichloroethene	7.304	130	2702m	0.036	ppbv	
52) Tetrachloroethene	10.619	164	1691m	0.028	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	5181m	0.032	ppbv	

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

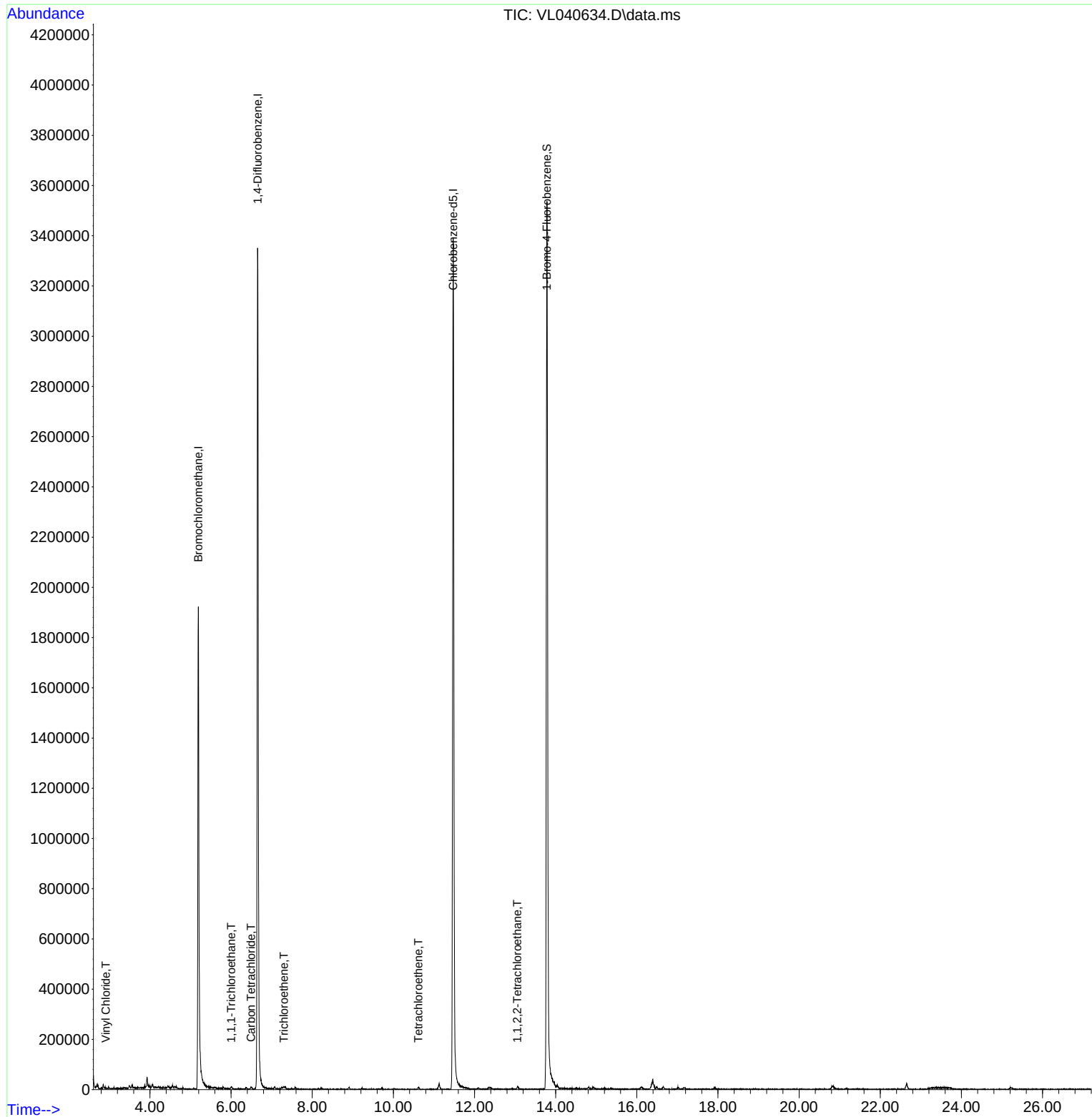
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
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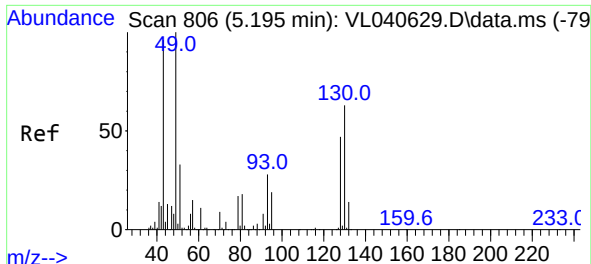
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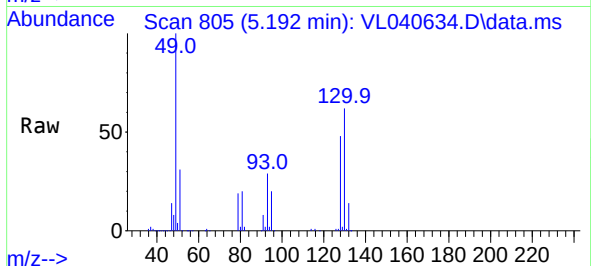
Reviewed By : Semsettin Yesilyurt 08/16/2023
Supervised By : Mahesh Dadoda 08/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

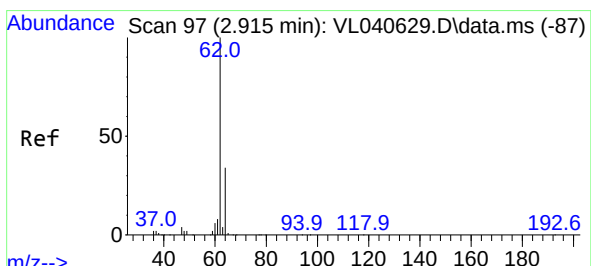
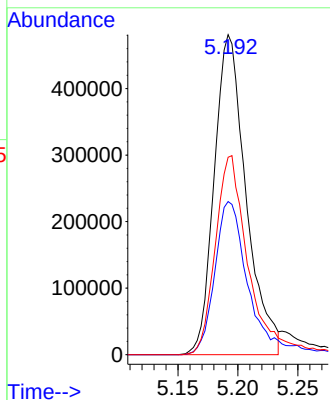
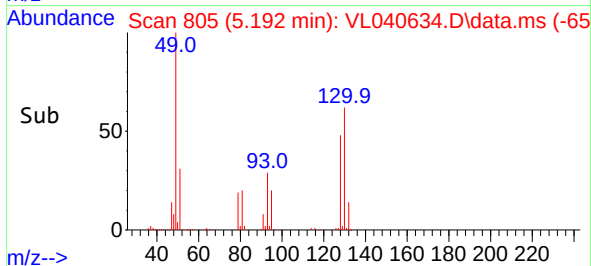
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 887332
Ion Ratio Lower Upper
49 100
128 53.0 24.9 74.7
130 65.3 32.2 96.6

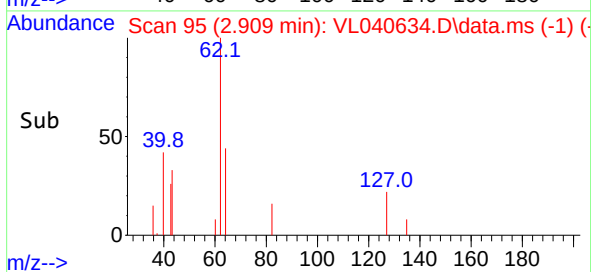
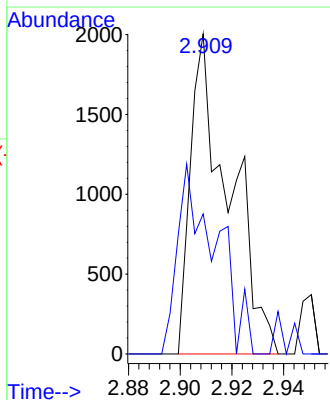
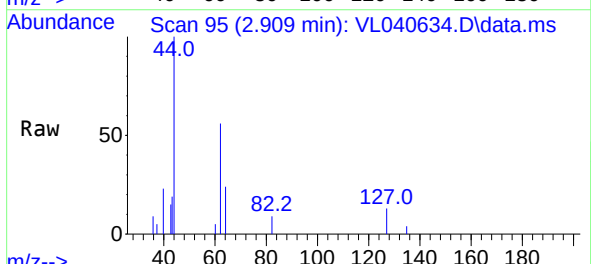
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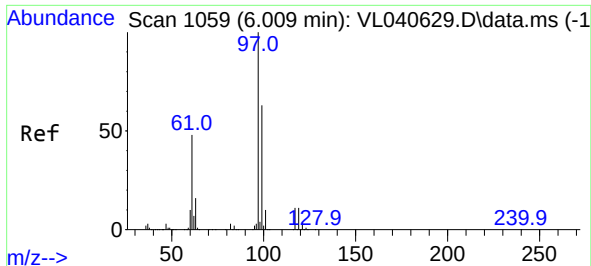
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. -0.006 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

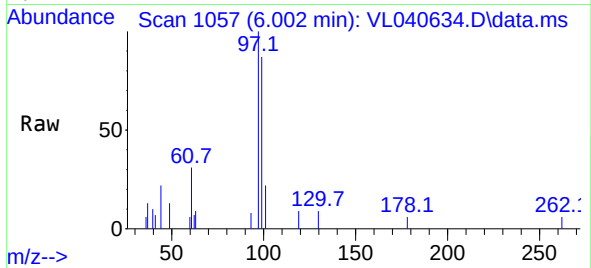
Tgt Ion: 62 Resp: 2073
Ion Ratio Lower Upper
62 100
64 43.8 27.0 40.6#





#32
1,1,1-Trichloroethane
Concen: 0.034 ppbv m
RT: 6.002 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

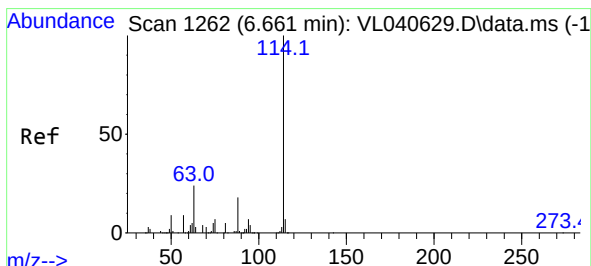
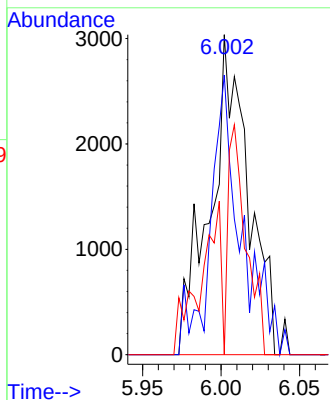
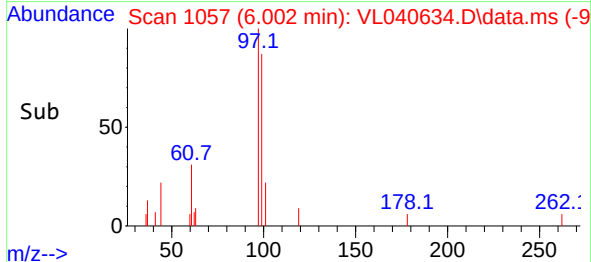
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



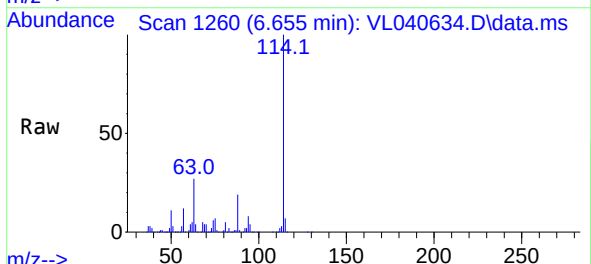
Tgt Ion: 97 Resp: 5160
Ion Ratio Lower Upper
97 100
99 70.1 51.2 76.8
61 0.0 39.7 59.5

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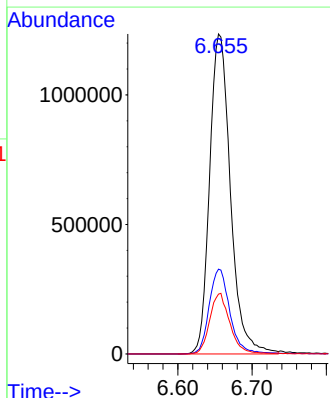
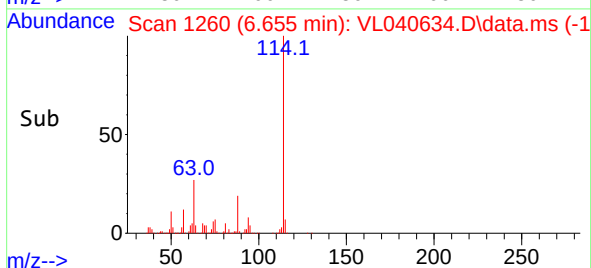
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Supervised By :Mahesh Dadoda 08/16/2023

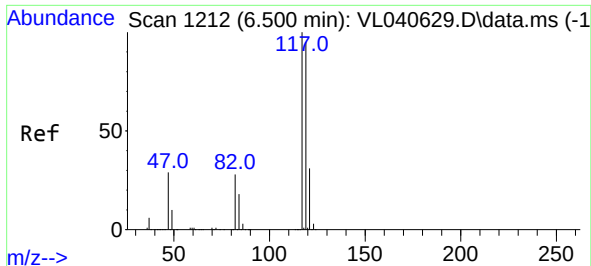


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38



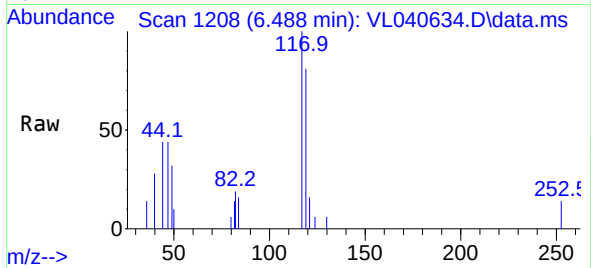
Tgt Ion:114 Resp: 2406326
Ion Ratio Lower Upper
114 100
63 26.4 20.2 30.2
88 18.6 14.1 21.1





#35
Carbon Tetrachloride
Concen: 0.031 ppbv m
RT: 6.488 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

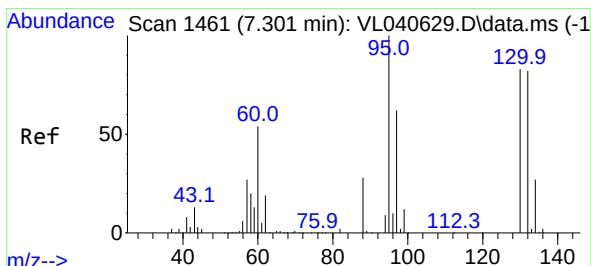
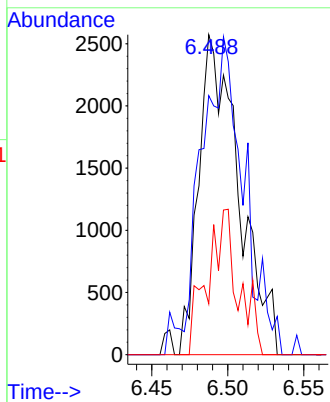
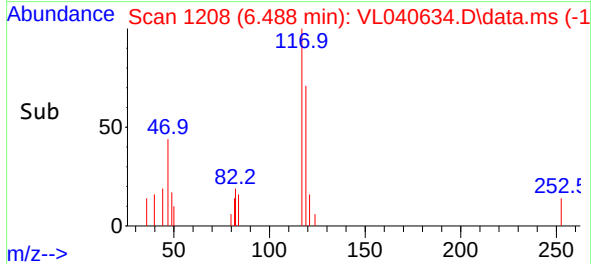
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 474
Ion Ratio Lower Upper
117 100
119 81.0 75.6 113.4
121 15.9 24.9 37.3

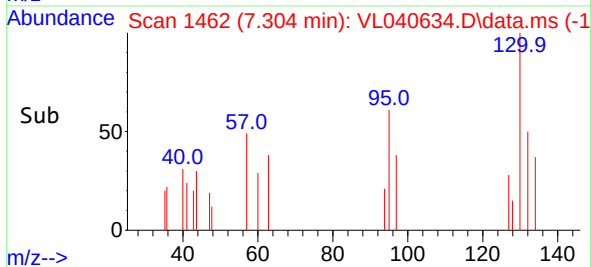
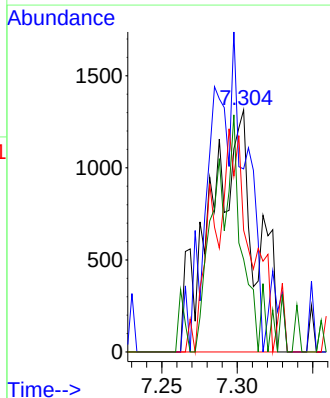
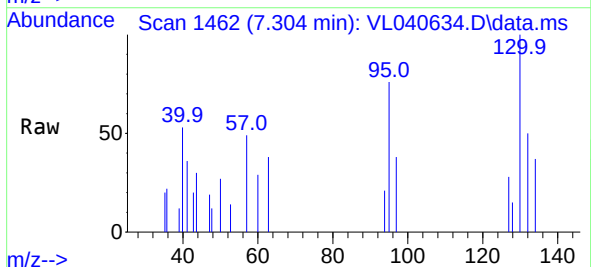
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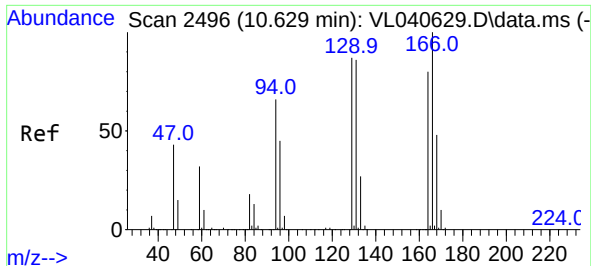
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Trichloroethene
Concen: 0.036 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

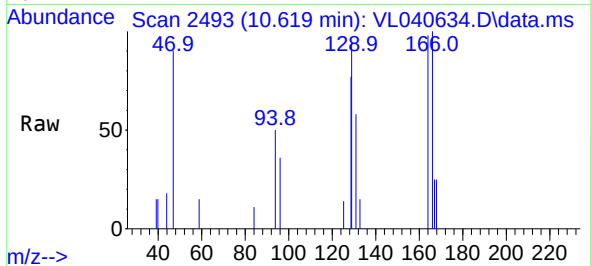
Tgt Ion:130 Resp: 2702
Ion Ratio Lower Upper
130 100
95 75.6 95.9 143.9#
132 50.3 79.0 118.4#
97 38.3 59.6 89.4#





#52
Tetrachloroethene
Concen: 0.028 ppbv m
RT: 10.619 min Scan# 2496
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

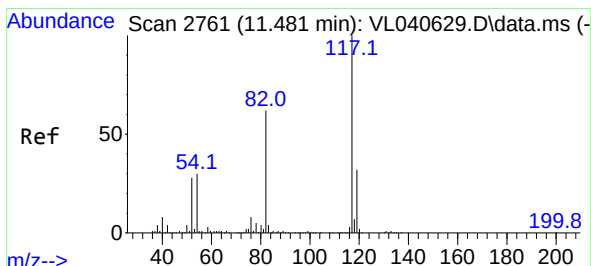
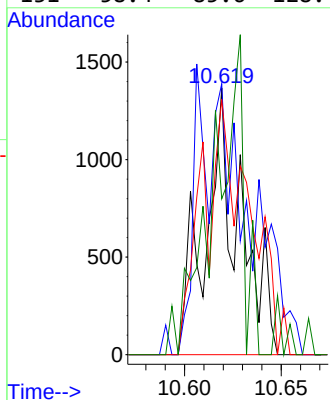
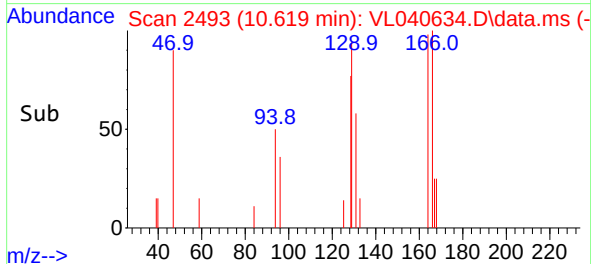
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VSTDIC0.03



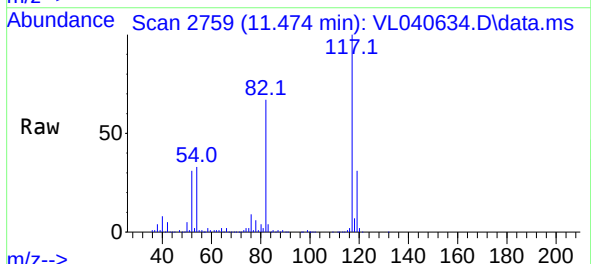
Tgt Ion:164 Resp: 169
Ion Ratio Lower Upper
164 100
166 101.5 99.5 149.3
129 95.7 86.9 130.3
131 58.4 85.6 128.4#

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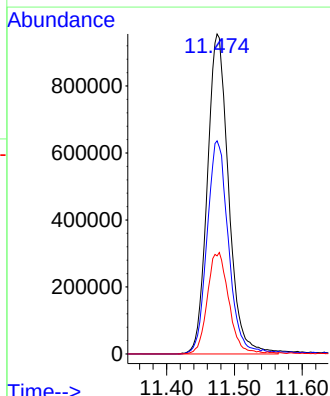
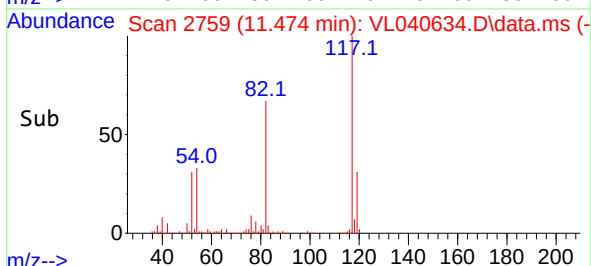
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

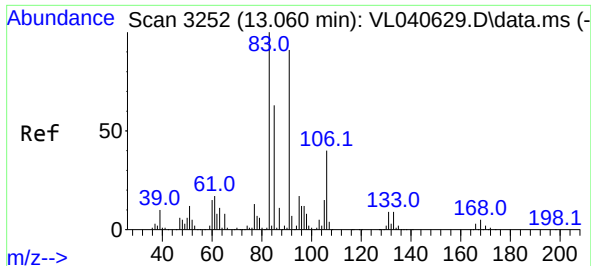


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38



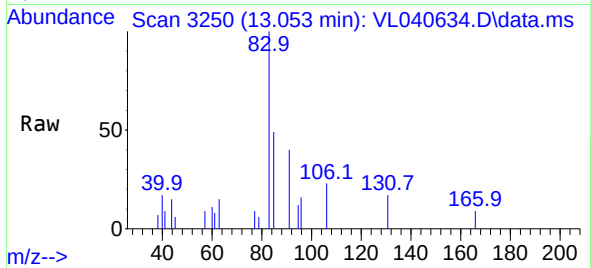
Tgt Ion:117 Resp: 2081195
Ion Ratio Lower Upper
117 100
82 68.2 49.5 74.3
119 32.5 24.5 36.7





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

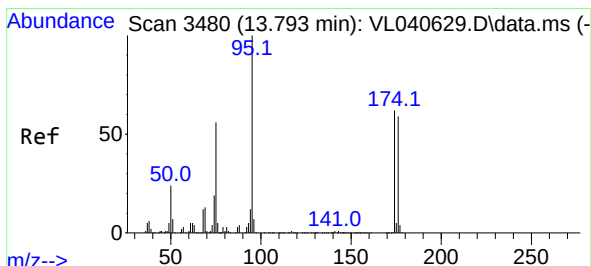
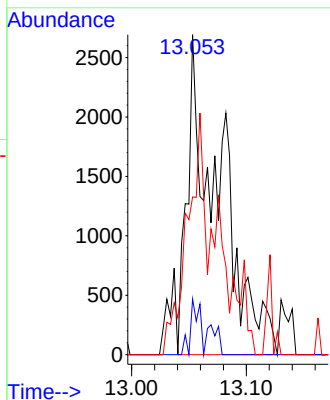
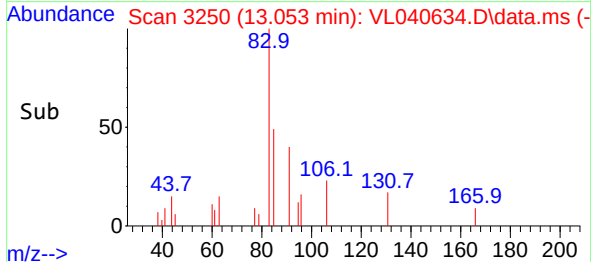
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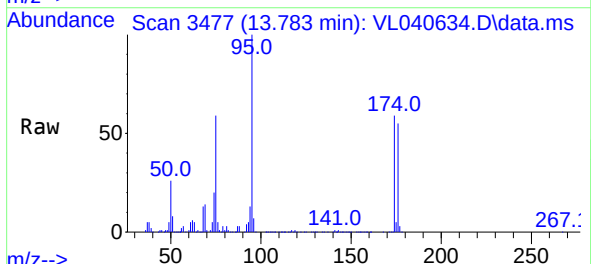
Tgt Ion: 83 Resp: 518
Ion Ratio Lower Upper
83 100
131 8.2 4.5 13.7
85 0.0 32.4 97.2

Manual Integrations
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Supervised By :Mahesh Dadoda 08/16/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.209 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38



Tgt Ion: 95 Resp: 1689735
Ion Ratio Lower Upper
95 100
174 61.5 49.1 73.7
175 4.2 3.7 5.5

