

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040460.D
 Acq On : 5 Jun 2023 17:26
 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 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:59:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	985959	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2442386	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2138354	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1758527	9.964	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.909	62	1621m	0.025	ppbv	
32) 1,1,1-Trichloroethane	6.005	97	4976m	0.029	ppbv	
35) Carbon Tetrachloride	6.481	117	4707m	0.028	ppbv	
38) Trichloroethene	7.288	130	1824m	0.024	ppbv	
52) Tetrachloroethene	10.622	164	1399m	0.023	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	4512m	0.030	ppbv	

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

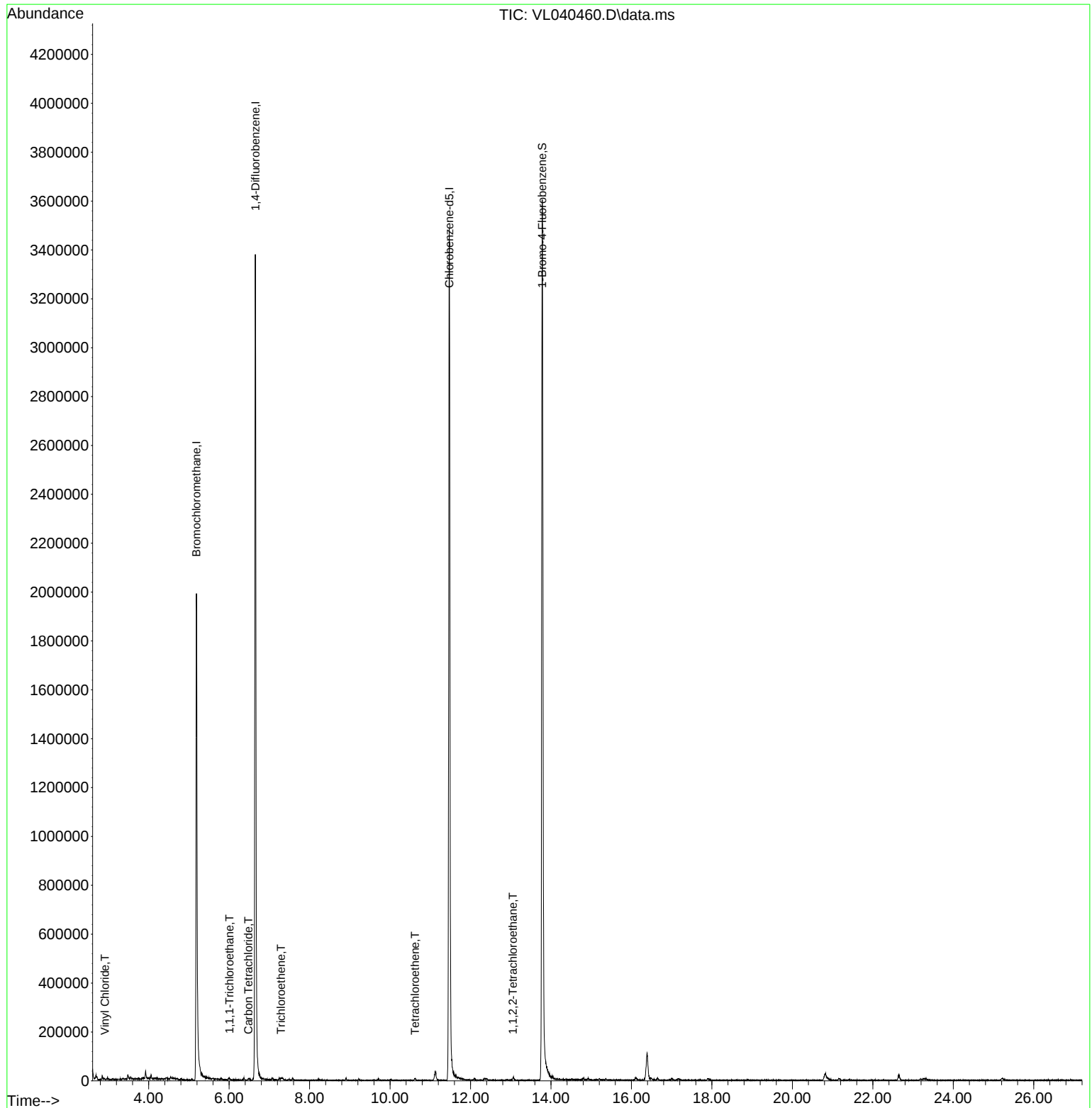
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
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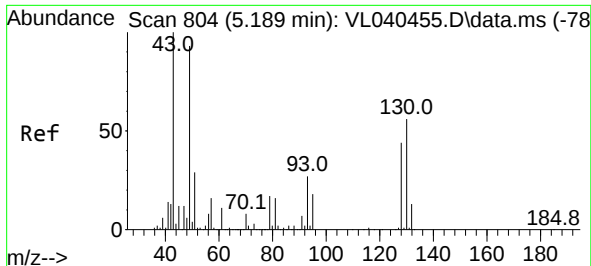
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jun 06 05:59:58 2023
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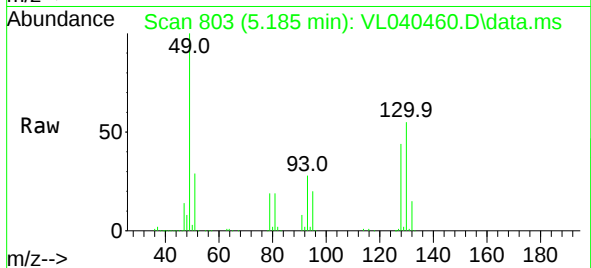
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

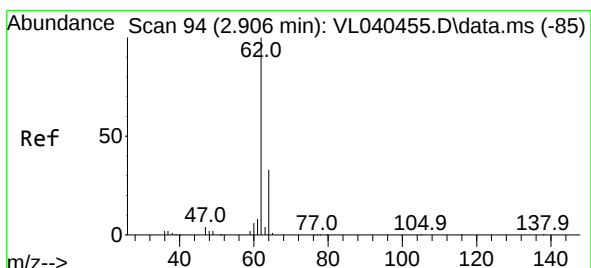
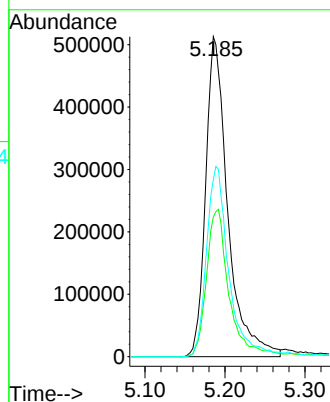
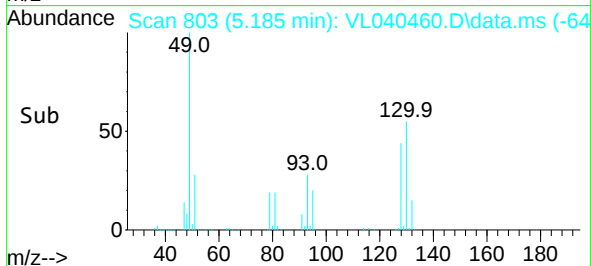
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 98595
Ion Ratio Lower Upper
49 100
128 48.0 24.7 74.1
130 61.0 31.4 94.2

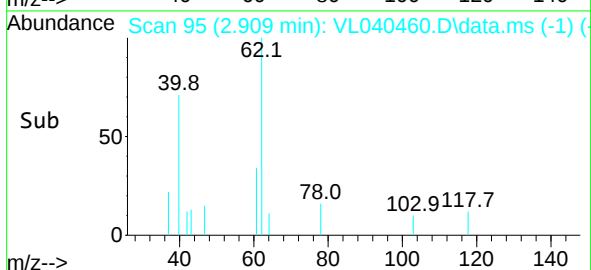
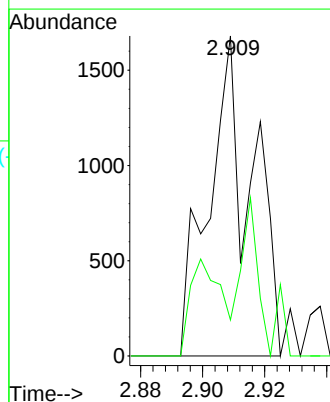
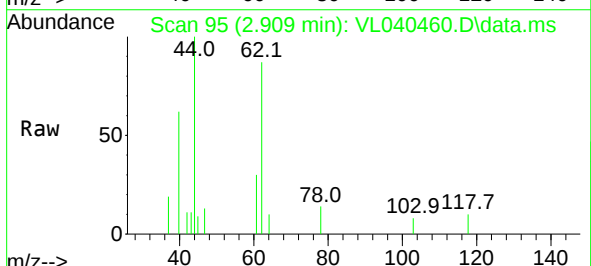
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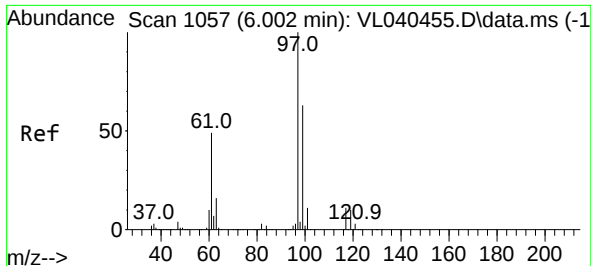
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#5
Vinyl Chloride
Concen: 0.025 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. 0.003 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

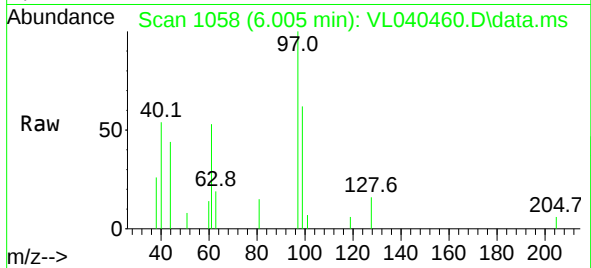
Tgt Ion: 62 Resp: 1621
Ion Ratio Lower Upper
62 100
64 11.3 26.8 40.2#





#32
 1,1,1-Trichloroethane
 Concen: 0.029 ppbv m
 RT: 6.005 min Scan# 1057
 Delta R.T. 0.003 min
 Lab File: VL040460.D
 Acq: 5 Jun 2023 17:26

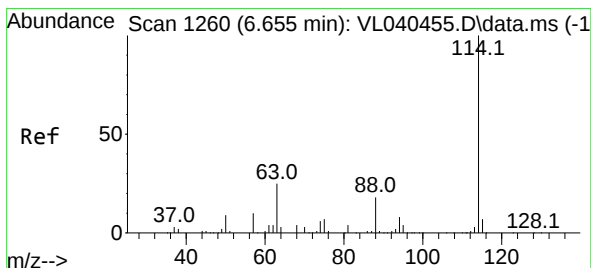
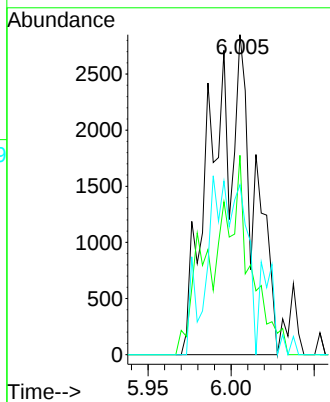
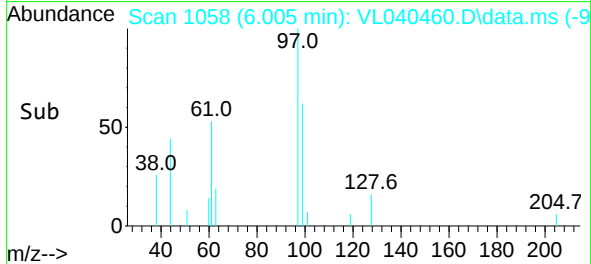
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion: 97 Resp: 4970
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3
 61 0.0 39.7 59.5

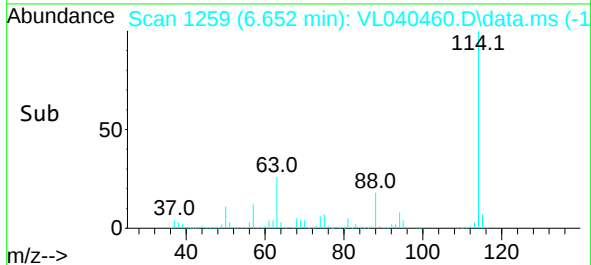
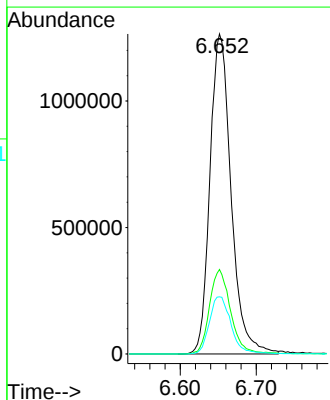
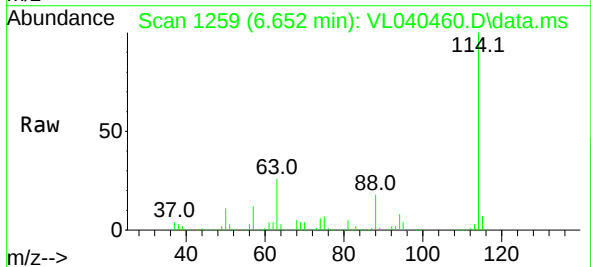
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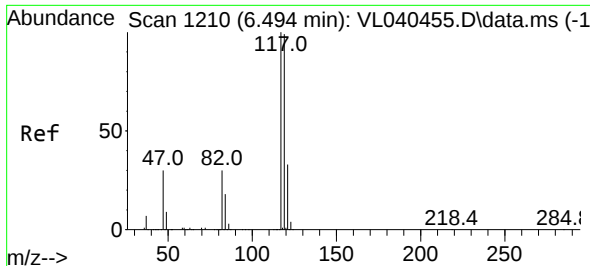
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.652 min Scan# 1259
 Delta R.T. -0.003 min
 Lab File: VL040460.D
 Acq: 5 Jun 2023 17:26

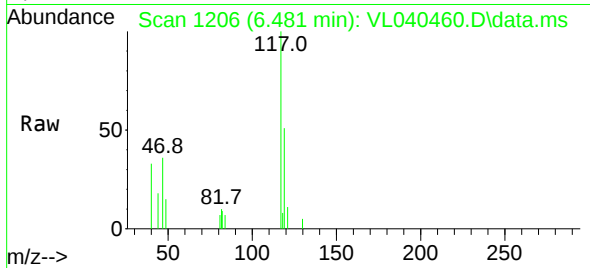
Tgt Ion:114 Resp: 2442386
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.0 31.6
 88 18.4 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.028 ppbv m
RT: 6.481 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

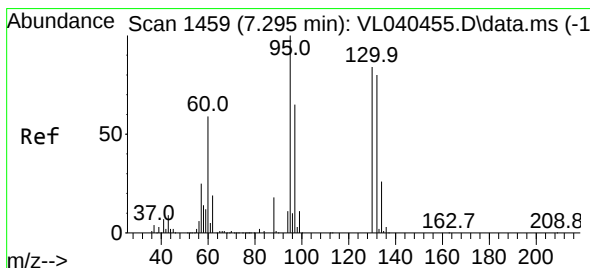
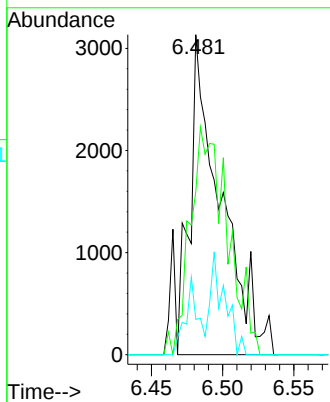
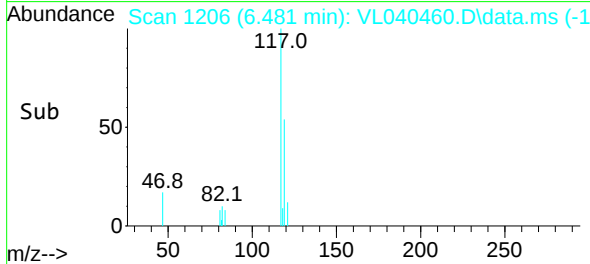
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 470
Ion Ratio Lower Upper
117 100
119 51.0 79.1 118.7
121 11.1 26.0 39.0

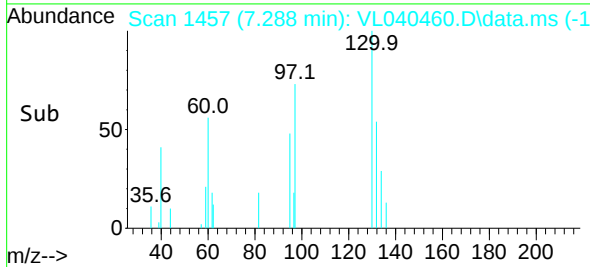
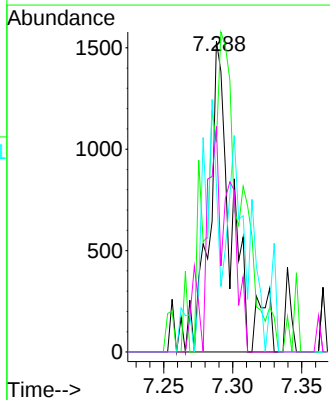
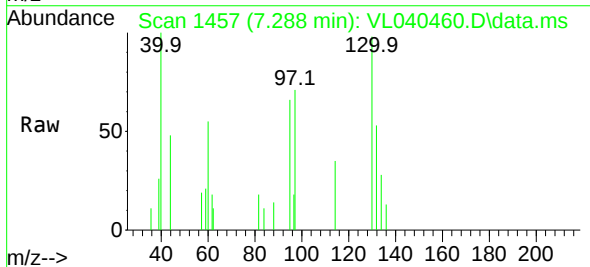
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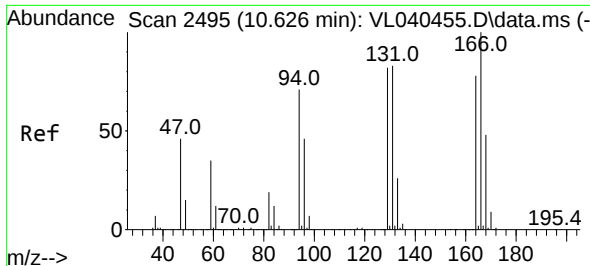
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Trichloroethene
Concen: 0.024 ppbv m
RT: 7.288 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

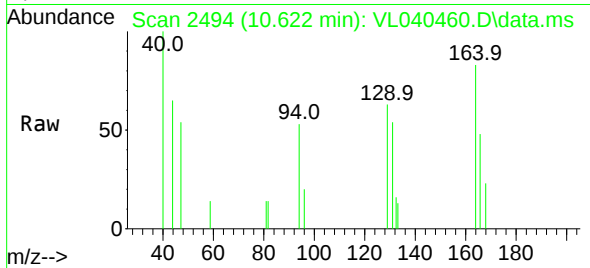
Tgt Ion:130 Resp: 1824
Ion Ratio Lower Upper
130 100
95 67.6 95.4 143.0#
132 53.8 76.3 114.5#
97 72.6 61.8 92.6





#52
Tetrachloroethene
Concen: 0.023 ppbv m
RT: 10.622 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

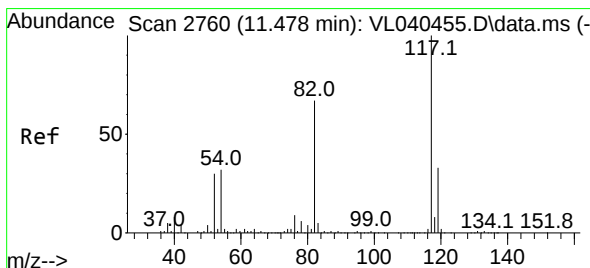
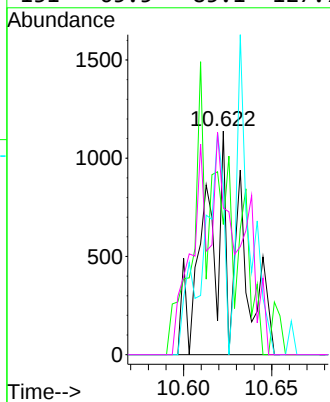
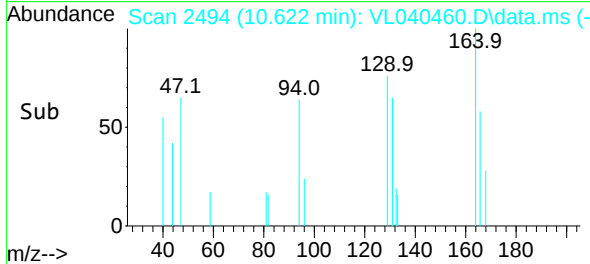
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 1399
Ion Ratio Lower Upper
164 100
166 58.2 102.7 154.1
129 76.3 84.6 126.8
131 65.5 85.1 127.7

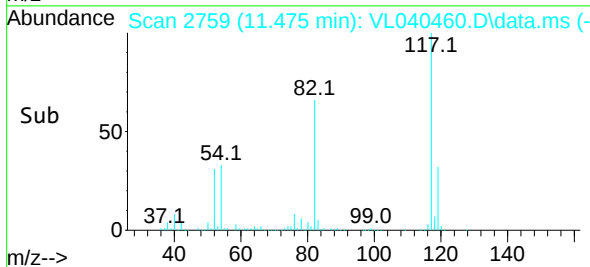
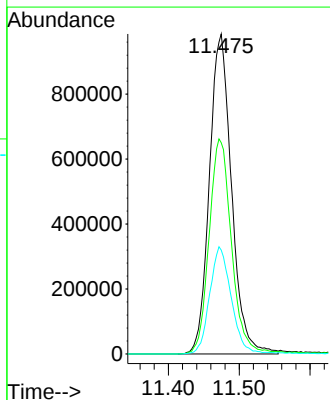
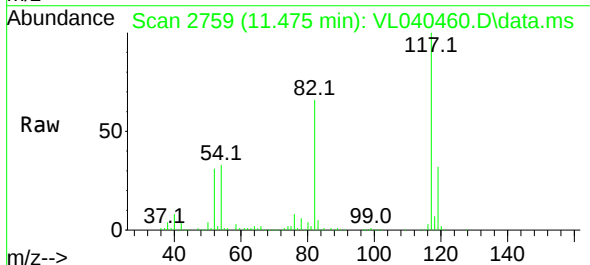
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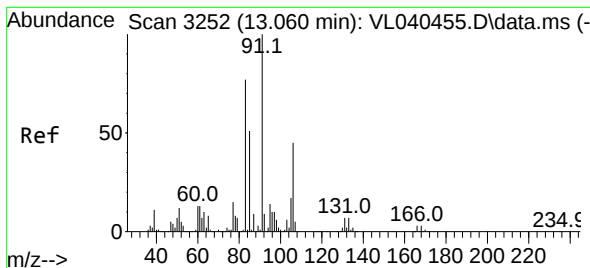
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

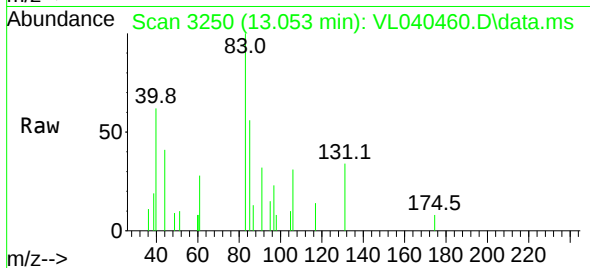
Tgt Ion:117 Resp: 2138354
Ion Ratio Lower Upper
117 100
82 68.4 53.0 79.4
119 33.0 24.4 36.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.030 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26

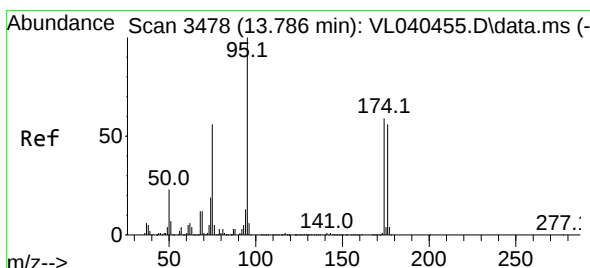
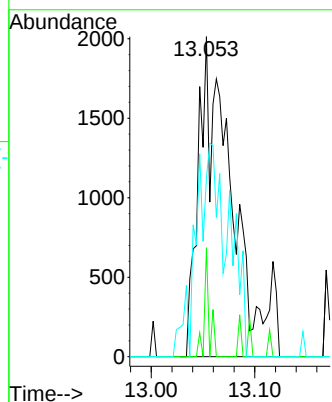
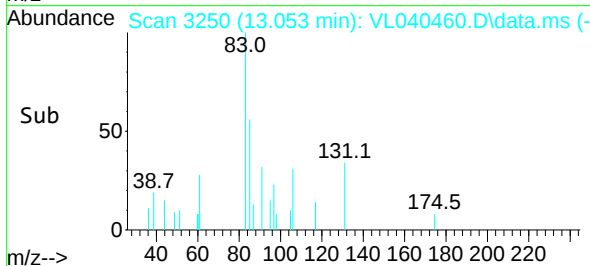
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MSVOA_L
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VSTDICC0.03



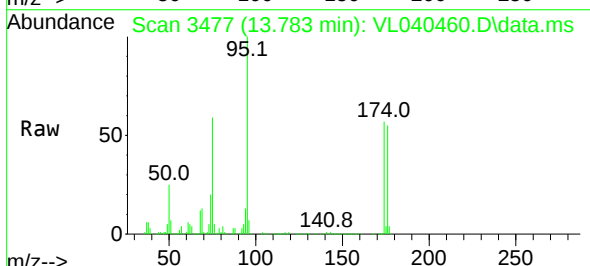
Tgt Ion: 83 Resp: 451
Ion Ratio Lower Upper
83 100
131 4.8 4.5 13.7
85 64.6 33.0 99.0

Manual Integrations
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Supervised By :Mahesh Dadoda 06/06/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.964 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VL040460.D
Acq: 5 Jun 2023 17:26



Tgt Ion: 95 Resp: 1758527
Ion Ratio Lower Upper
95 100
174 60.3 47.7 71.5
175 4.2 3.5 5.3

