

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040436.D
 Acq On : 16 May 2023 12:53
 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 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 16 13:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 16 11:16:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	998706	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2507087	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2177022	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1713286	9.517	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.922	62	2685m	0.039	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	8300m	0.048	ppbv	
35) Carbon Tetrachloride	6.500	117	6771m	0.038	ppbv	
38) Trichloroethene	7.308	130	4958m	0.043	ppbv	
52) Tetrachloroethene	10.629	164	2510m	0.039	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	3550m	0.041	ppbv	

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

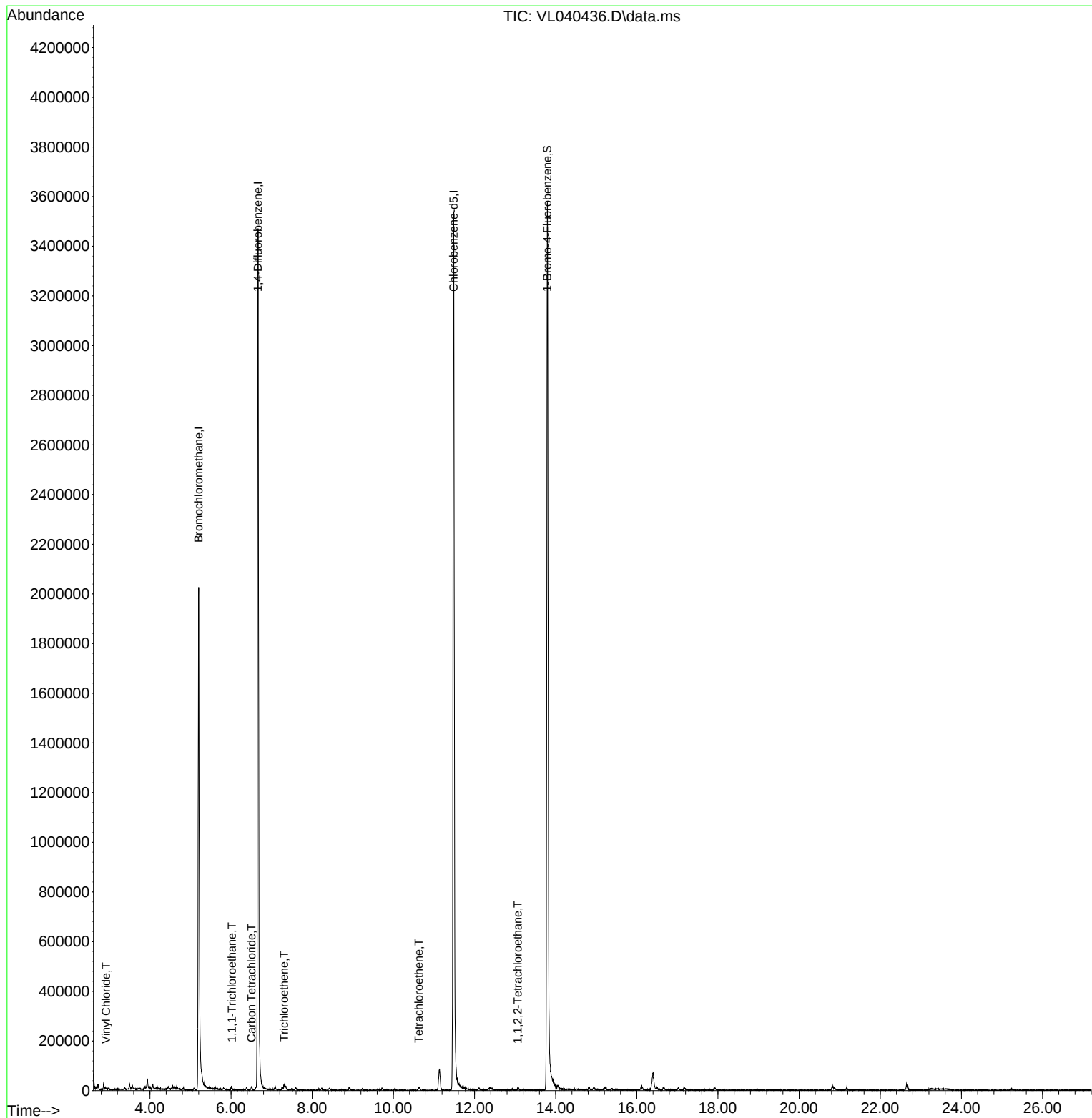
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
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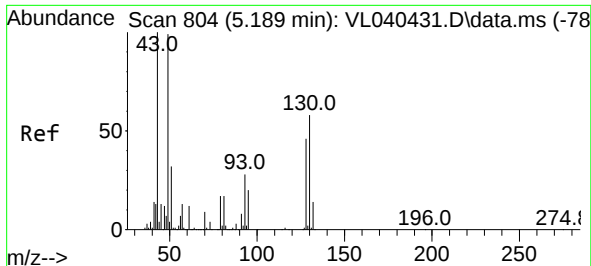
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MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: May 16 13:23:48 2023
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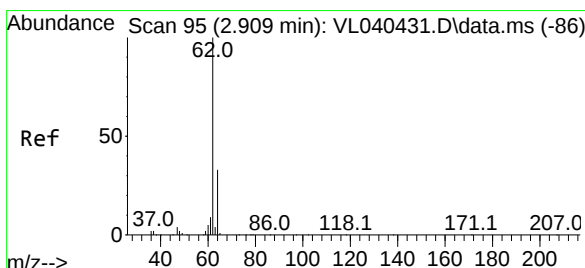
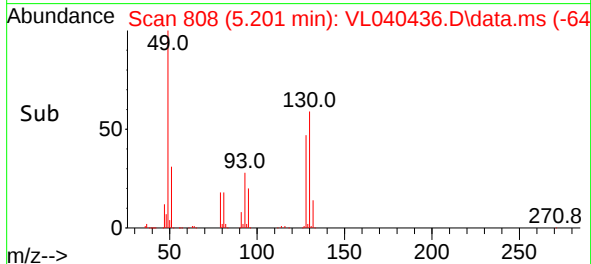
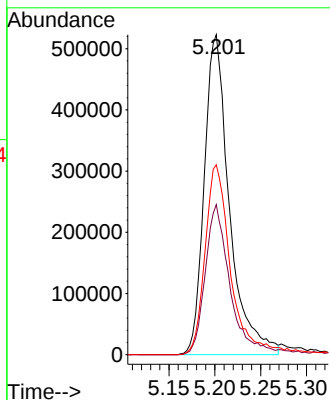
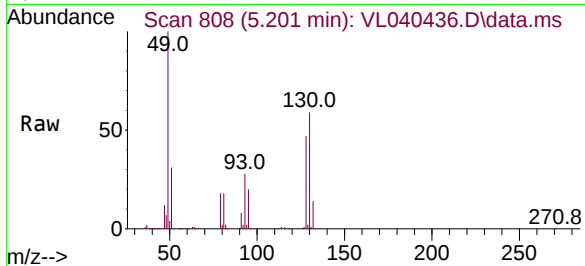
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 49 Resp: 998700
Ion Ratio Lower Upper
49 100
128 47.9 23.7 71.1
130 62.2 29.9 89.8

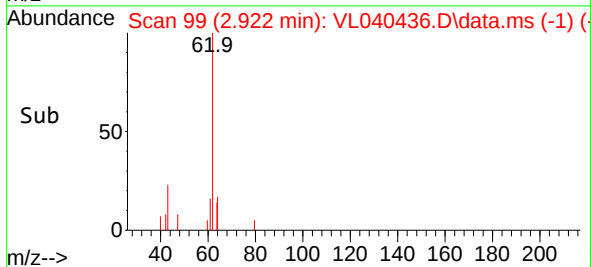
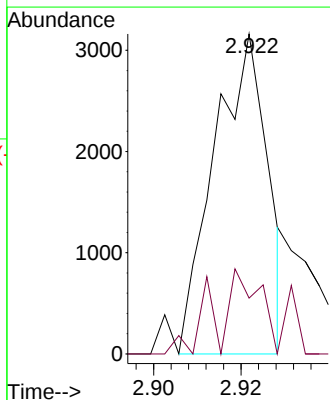
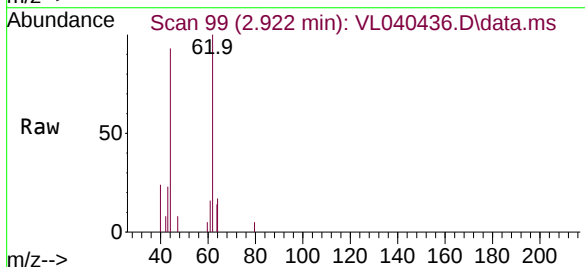
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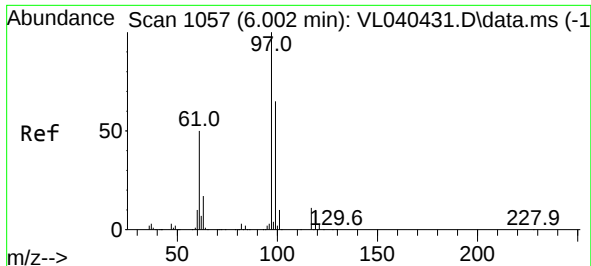
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#5
Vinyl Chloride
Concen: 0.039 ppbv m
RT: 2.922 min Scan# 99
Delta R.T. 0.013 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

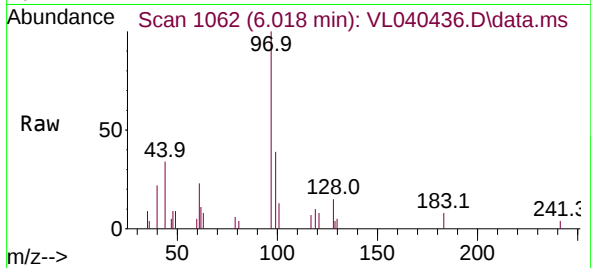
Tgt Ion: 62 Resp: 2685
Ion Ratio Lower Upper
62 100
64 17.4 26.3 39.5#





#32
1,1,1-Trichloroethane
Concen: 0.048 ppbv m
RT: 6.018 min Scan# 1062
Delta R.T. 0.016 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

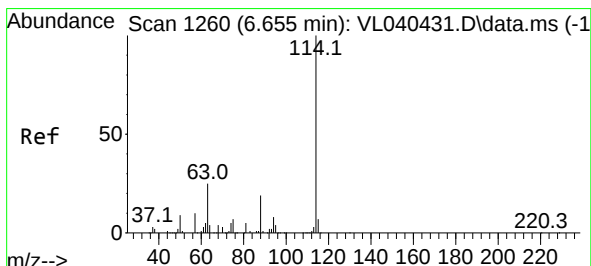
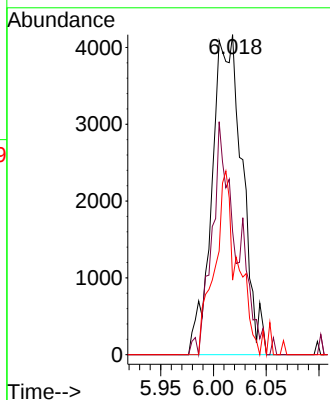
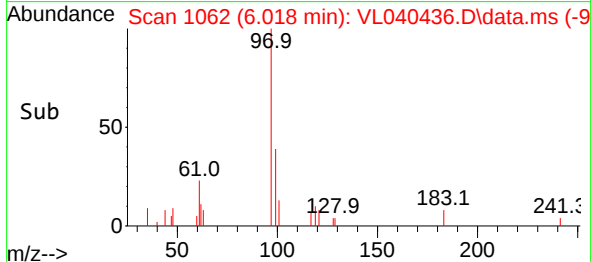
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 8300
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8
61 45.6 40.4 60.6

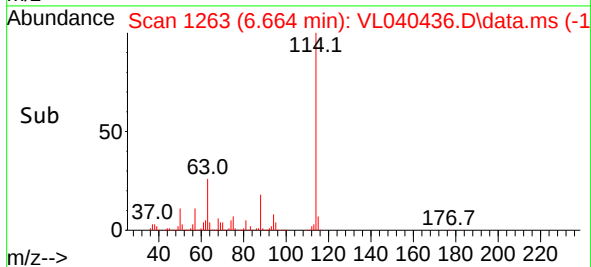
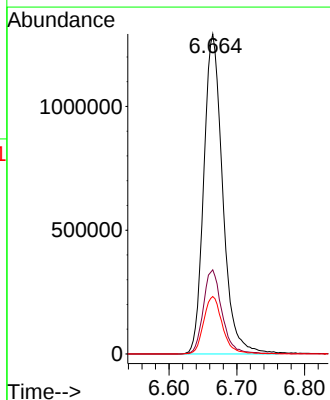
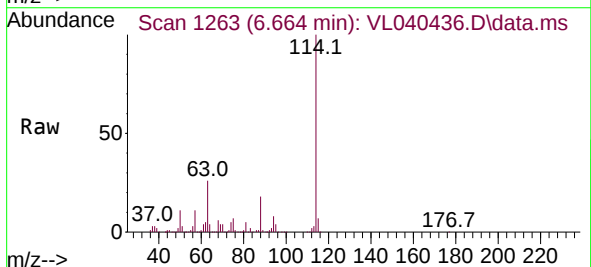
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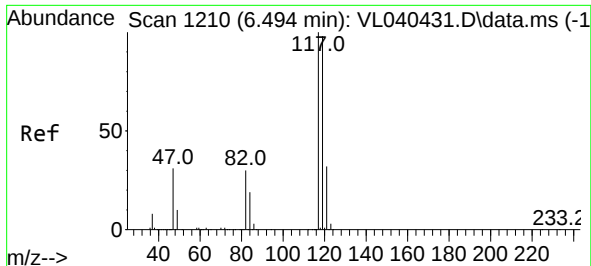
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.009 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

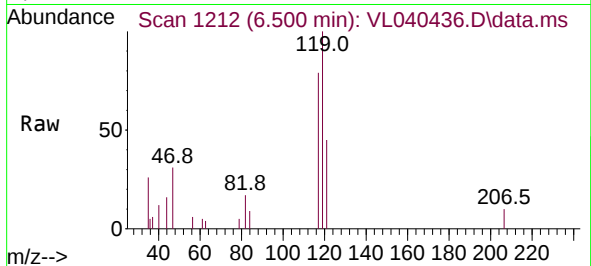
Tgt Ion:114 Resp: 2507087
Ion Ratio Lower Upper
114 100
63 26.2 21.4 32.0
88 17.9 14.6 22.0





#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

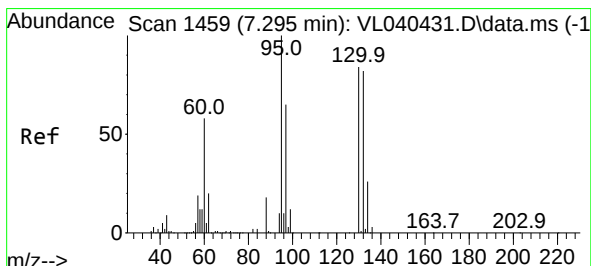
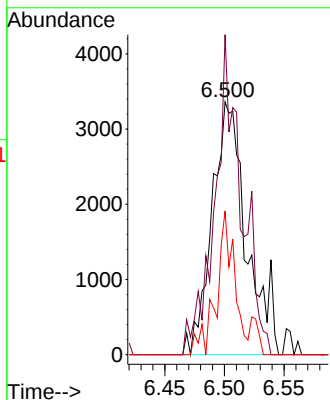
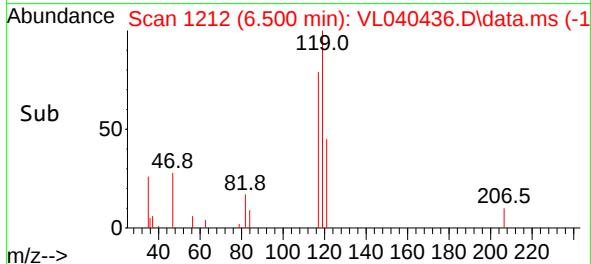
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 677
Ion Ratio Lower Upper
117 100
119 126.6 76.6 114.8
121 56.9 25.3 37.9

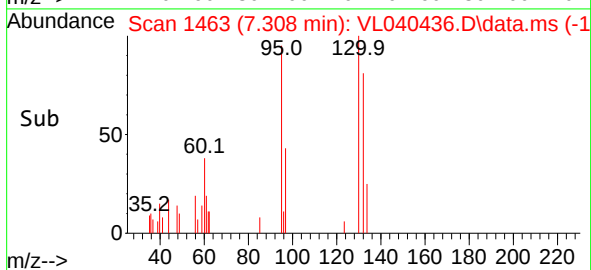
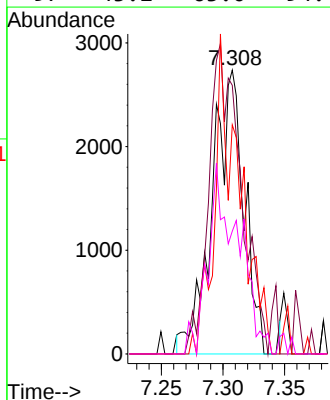
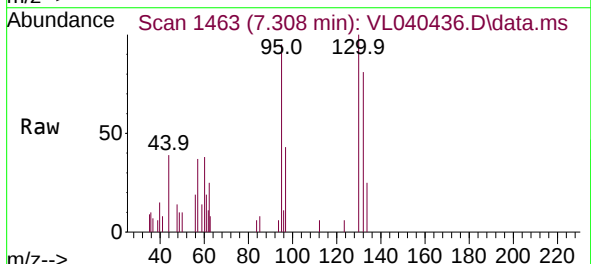
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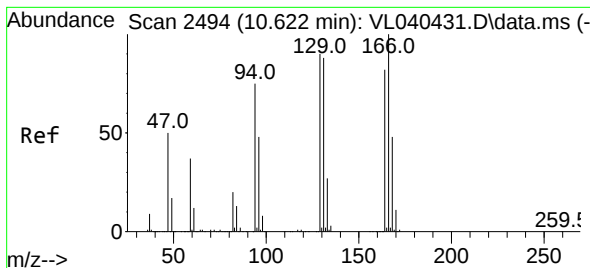
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Trichloroethene
Concen: 0.043 ppbv m
RT: 7.308 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

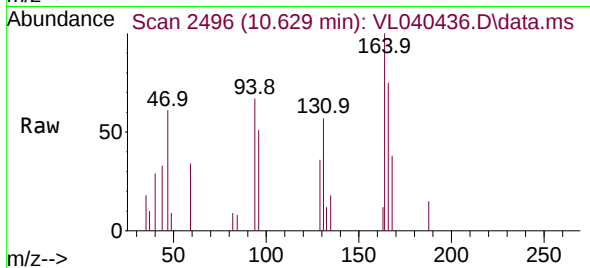
Tgt Ion:130 Resp: 4958
Ion Ratio Lower Upper
130 100
95 94.7 97.4 146.0#
132 80.7 77.5 116.3
97 43.2 63.0 94.4#





#52
Tetrachloroethene
Concen: 0.039 ppbv m
RT: 10.629 min Scan# 2494
Delta R.T. 0.007 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

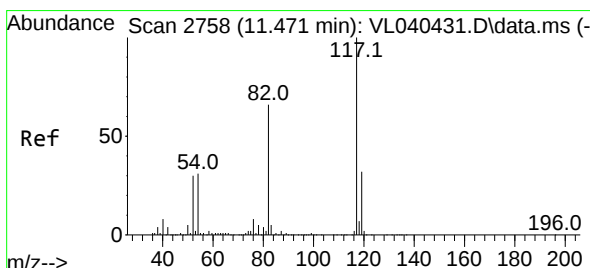
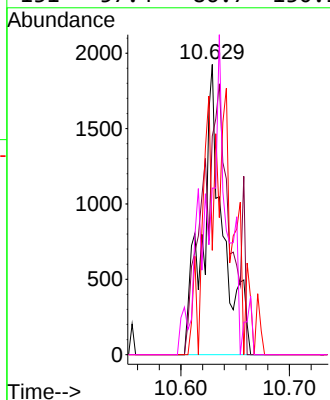
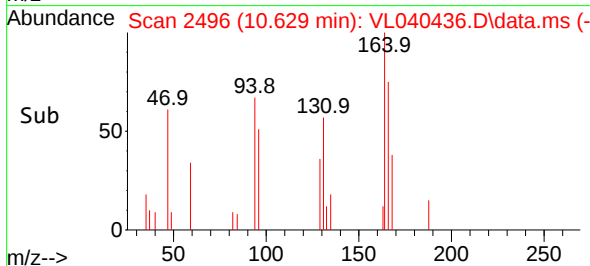
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



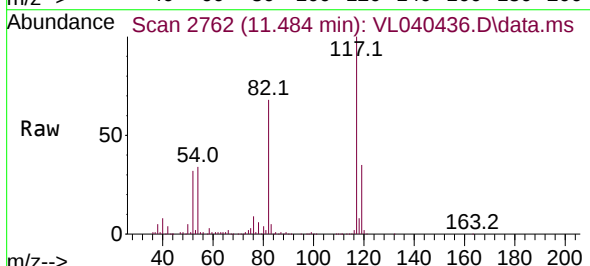
Tgt Ion:164 Resp: 2510
Ion Ratio Lower Upper
164 100
166 75.3 105.2 157.8
129 35.9 90.3 135.5
131 57.4 86.7 130.1#

Manual Integrations
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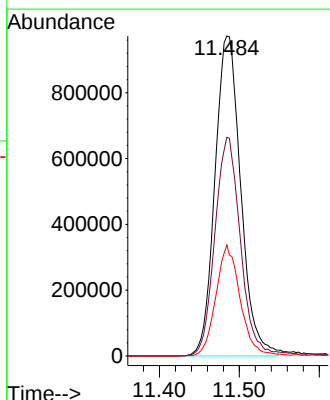
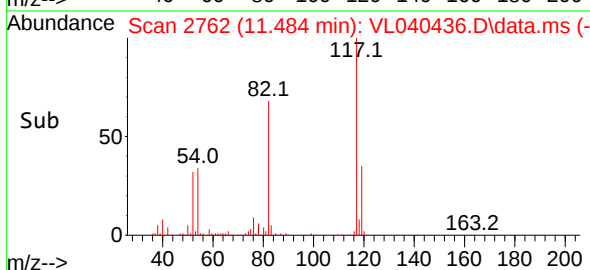
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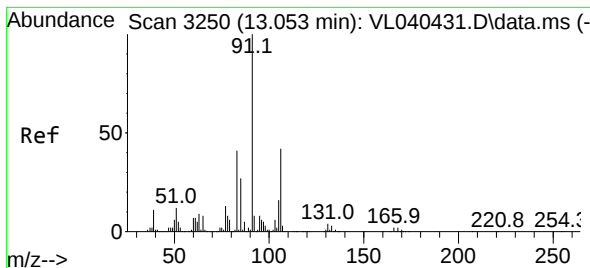


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53



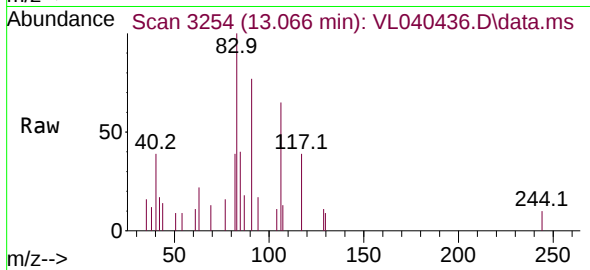
Tgt Ion:117 Resp: 2177022
Ion Ratio Lower Upper
117 100
82 68.5 52.5 78.7
119 32.8 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.041 ppbv m
RT: 13.066 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

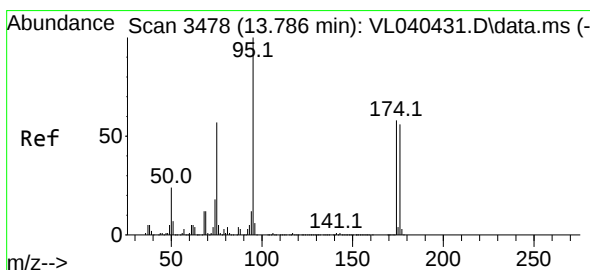
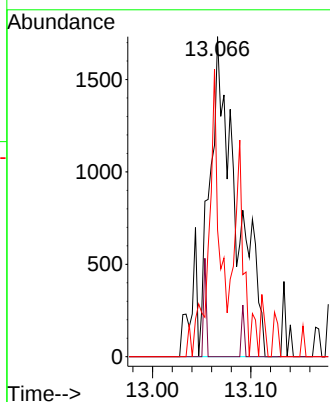
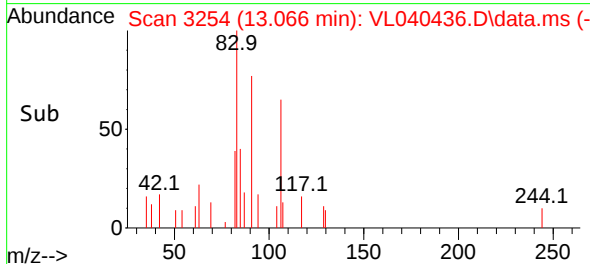
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MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 83 Resp: 3550
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1
85 0.0 32.9 98.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.517 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 95 Resp: 1713286
Ion Ratio Lower Upper
95 100
174 61.0 47.2 70.8
175 4.2 3.5 5.3

