

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040758.D
 Acq On : 11 Oct 2023 14:33
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 15:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Wed Oct 11 14:34:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1097121	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	3028043	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2763779	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2100944	9.839	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.948	62	6013	0.074	ppbv #	72
32) 1,1,1-Trichloroethane	6.025	97	16755m	0.086	ppbv	
35) Carbon Tetrachloride	6.510	117	15356m	0.074	ppbv	
38) Trichloroethene	7.304	130	10642m	0.124	ppbv	
52) Tetrachloroethene	10.629	164	9481m	0.130	ppbv	
54) 1,2-Dibromoethane	10.028	107	12254m	0.097	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	21381m	0.097	ppbv	
79) Naphthalene	21.423	128	17674m	0.082	ppbv	

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

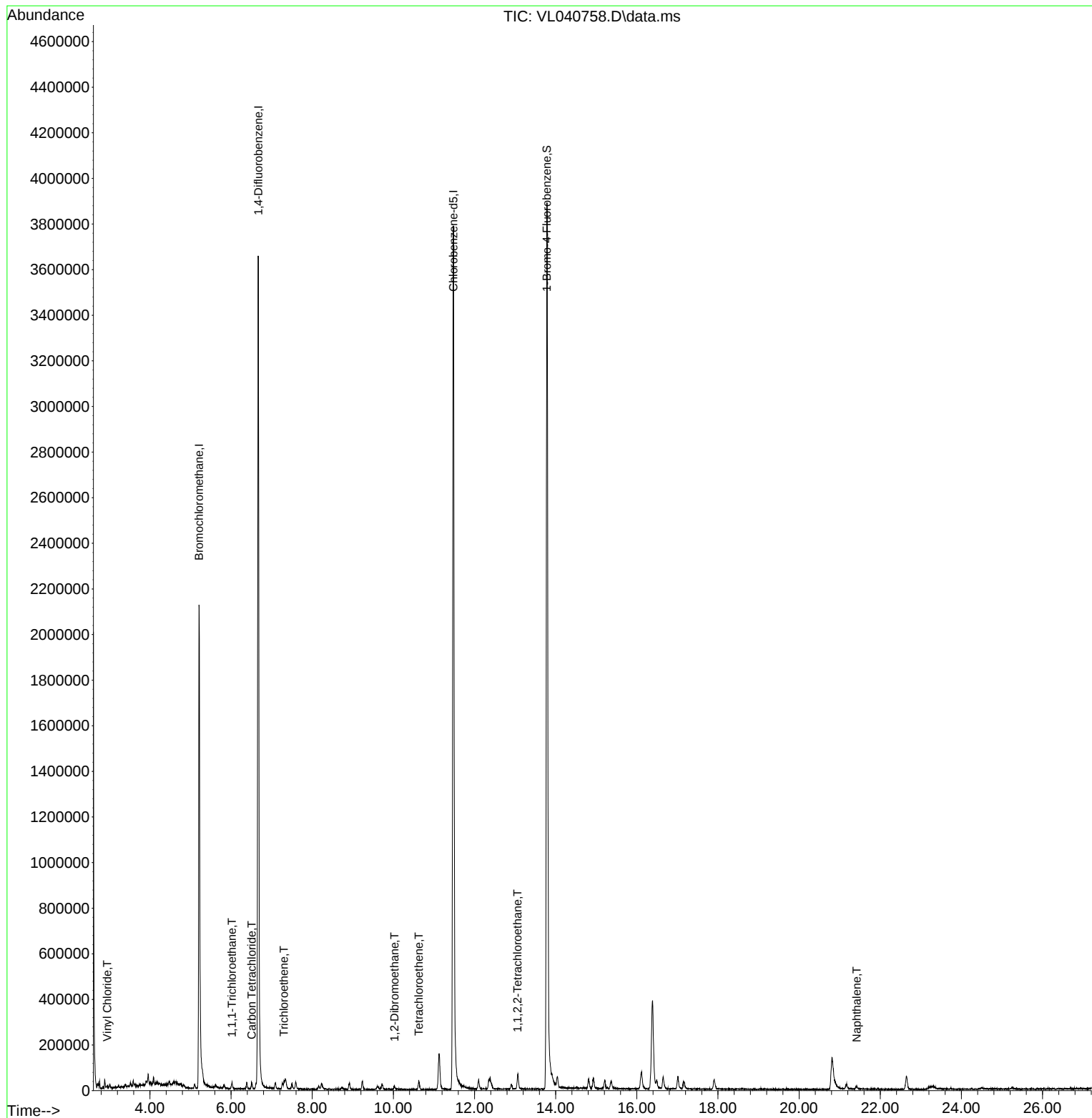
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
Data File : VL040758.D
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Operator : SY/MD
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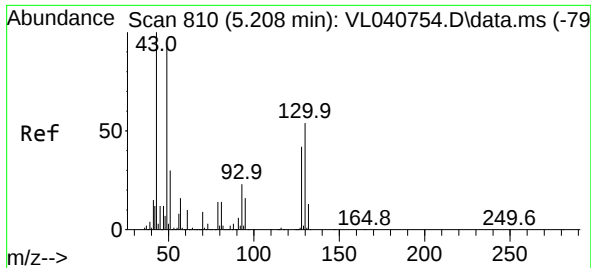
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Oct 11 15:31:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
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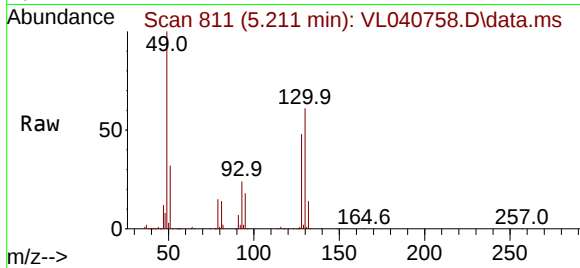
Reviewed By : Semsettin Yesilyurt 10/12/2023
Supervised By : Mahesh Dadoda 10/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

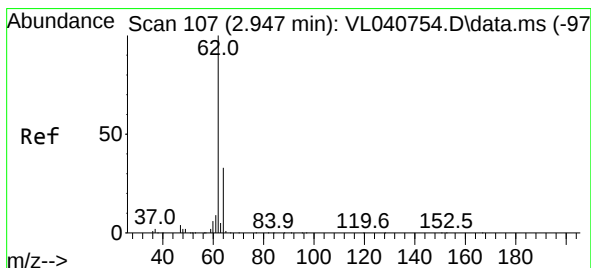
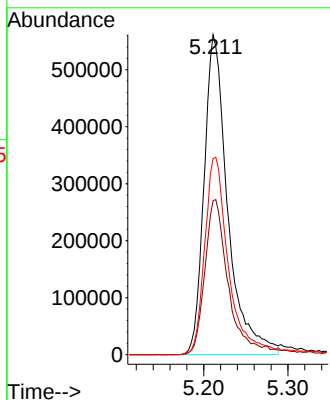
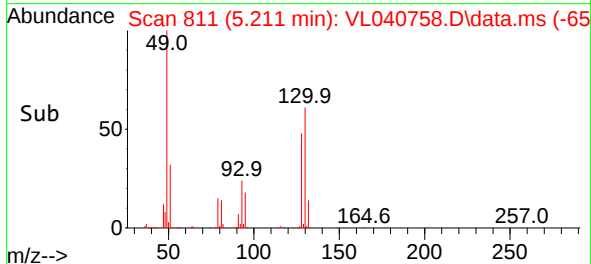
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 109712
Ion Ratio Lower Upper
49 100
128 50.1 23.9 71.7
130 64.9 30.7 92.1

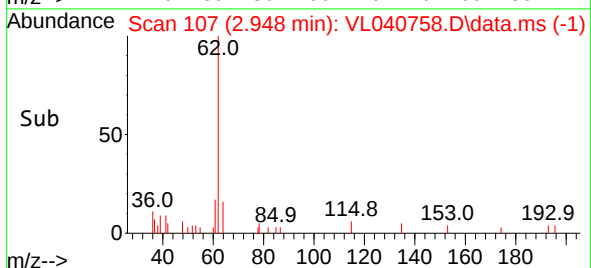
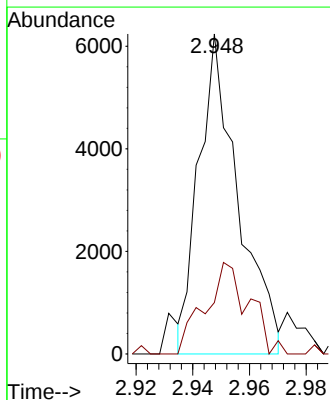
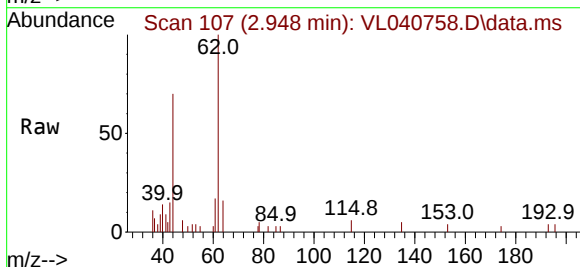
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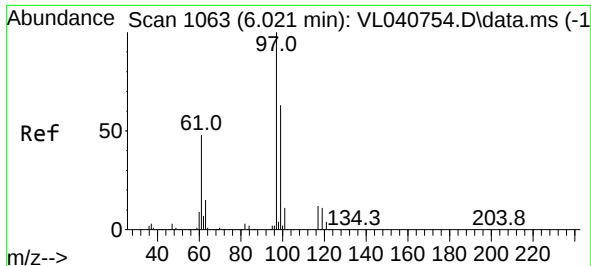
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#5
Vinyl Chloride
Concen: 0.074 ppbv
RT: 2.948 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

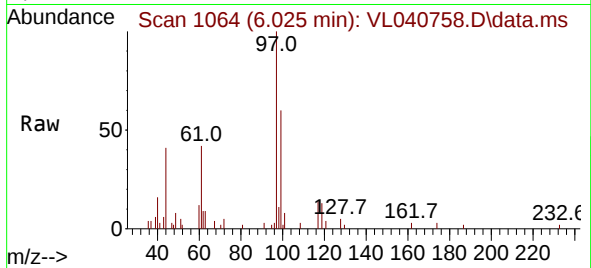
Tgt Ion: 62 Resp: 6013
Ion Ratio Lower Upper
62 100
64 17.2 26.6 39.8





#32
1,1,1-Trichloroethane
Concen: 0.086 ppbv m
RT: 6.025 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

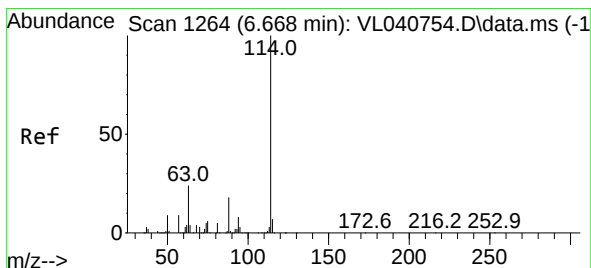
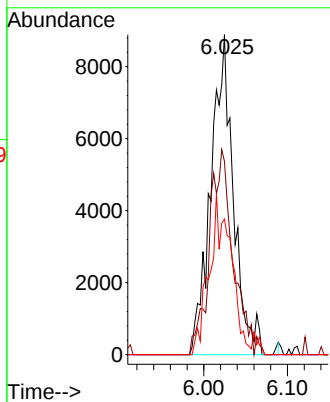
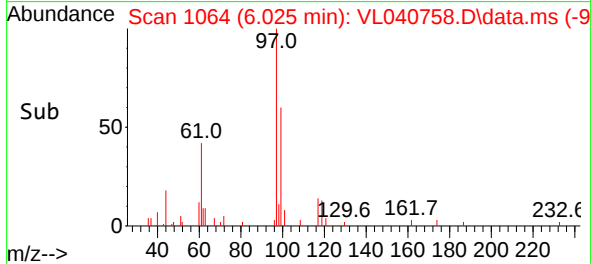
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 97 Resp: 1675
Ion Ratio Lower Upper
97 100
99 67.0 51.8 77.6
61 0.0 38.6 58.0

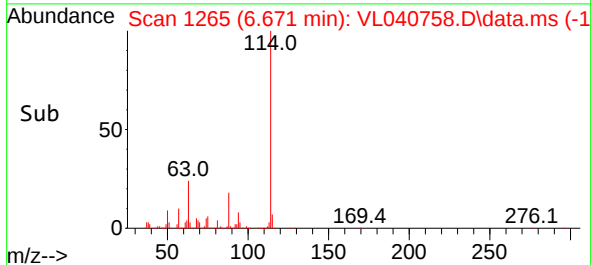
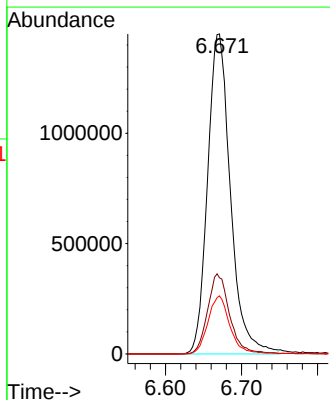
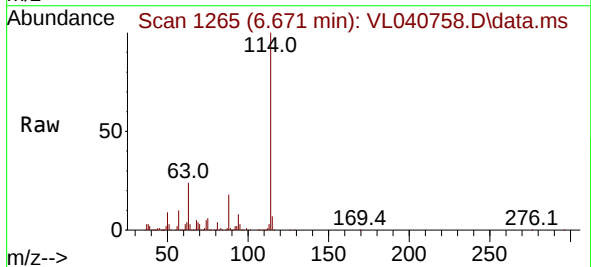
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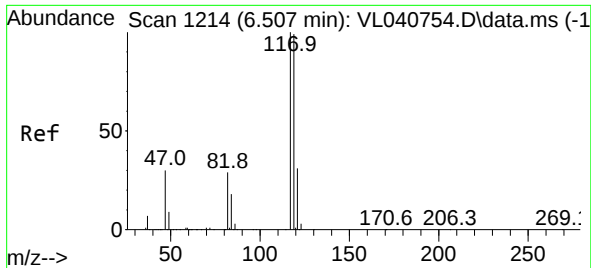
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

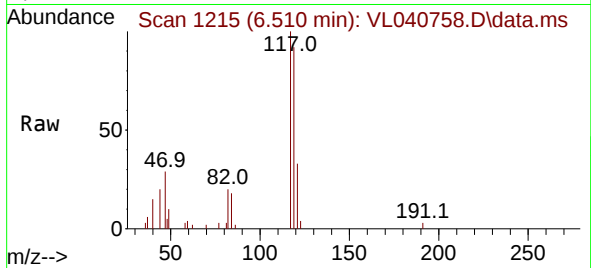
Tgt Ion:114 Resp: 3028043
Ion Ratio Lower Upper
114 100
63 24.4 19.8 29.6
88 17.6 14.2 21.2





#35
Carbon Tetrachloride
Concen: 0.074 ppbv m
RT: 6.510 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

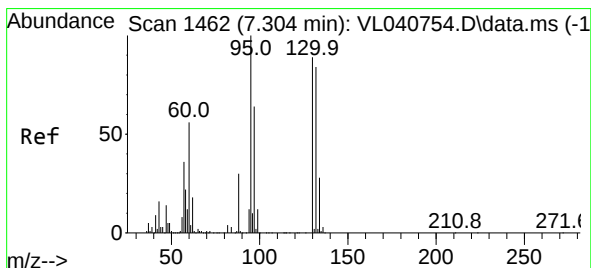
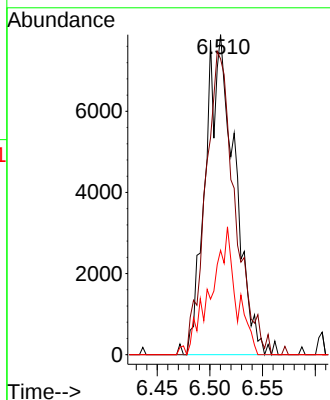
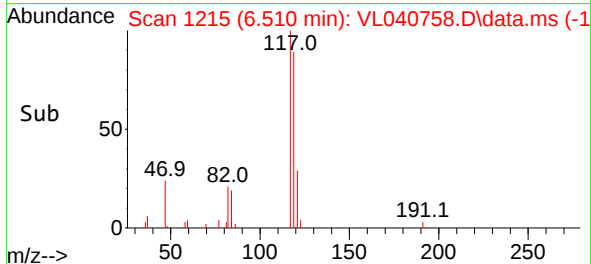
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



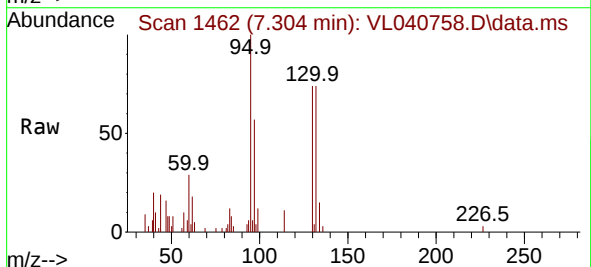
Tgt Ion:117 Resp: 1535
Ion Ratio Lower Upper
117 100
119 92.4 79.4 119.0
121 32.6 25.0 37.4

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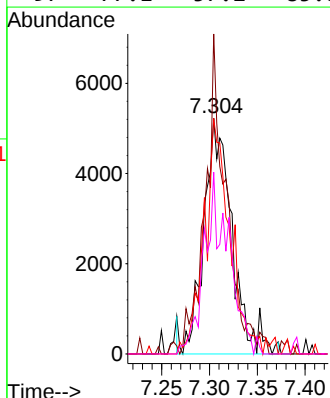
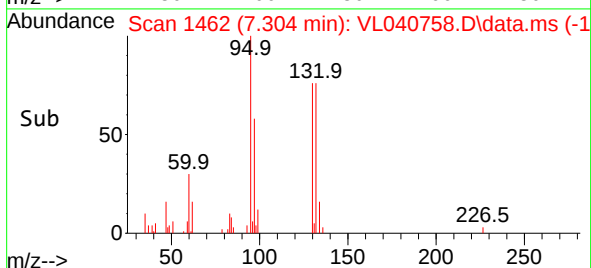
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

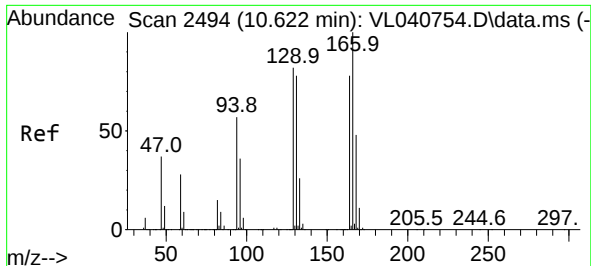


#38
Trichloroethene
Concen: 0.124 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33



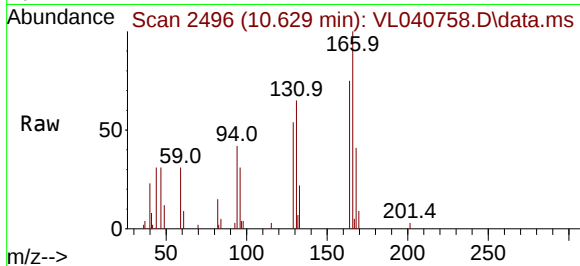
Tgt Ion:130 Resp: 10642
Ion Ratio Lower Upper
130 100
95 135.8 89.4 134.2#
132 99.9 74.8 112.2
97 77.1 57.2 85.8





#52
Tetrachloroethene
Concen: 0.130 ppbv m
RT: 10.629 min Scan# 2494
Delta R.T. 0.007 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

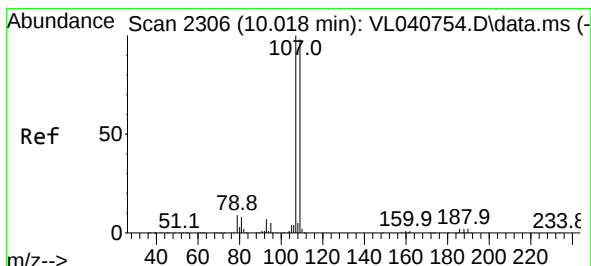
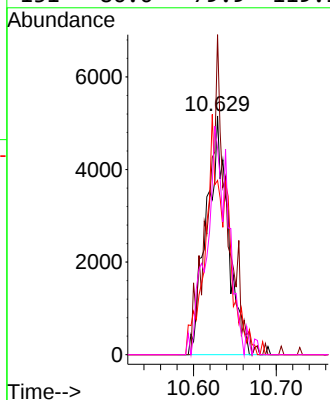
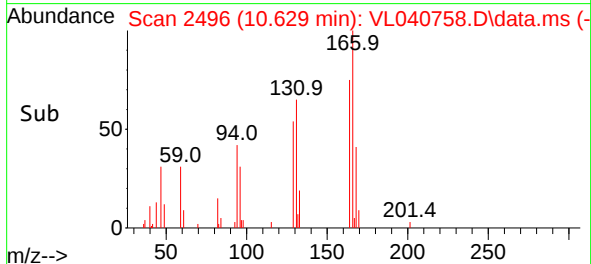
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



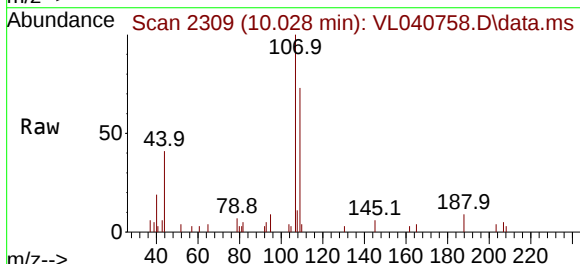
Tgt Ion:164 Resp: 948
Ion Ratio Lower Upper
164 100
166 134.1 102.4 153.6
129 73.0 84.2 126.4
131 86.6 79.9 119.9

Manual Integrations
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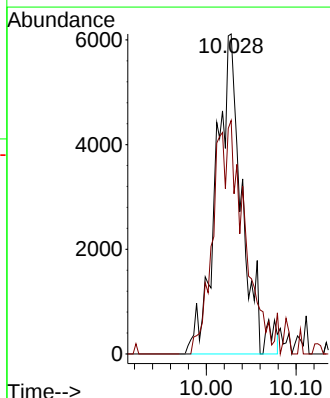
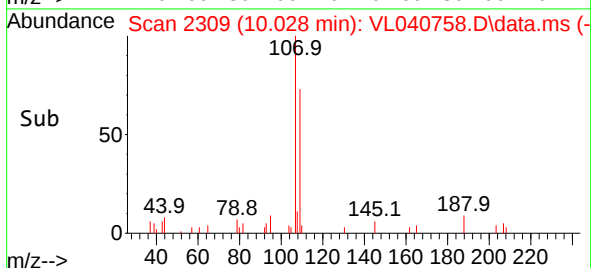
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

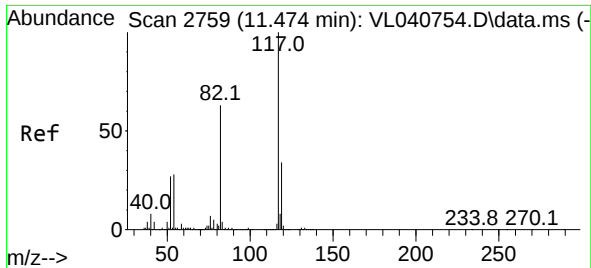


#54
1,2-Dibromoethane
Concen: 0.097 ppbv m
RT: 10.028 min Scan# 2309
Delta R.T. 0.010 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33



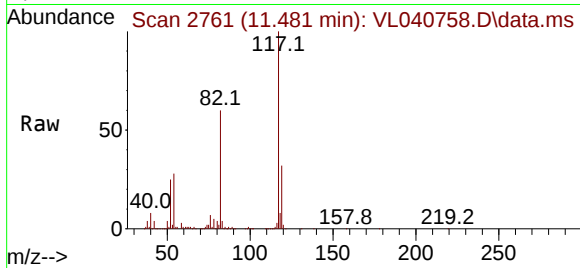
Tgt Ion:107 Resp: 12254
Ion Ratio Lower Upper
107 100
109 72.9 78.2 117.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2759
Delta R.T. 0.007 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

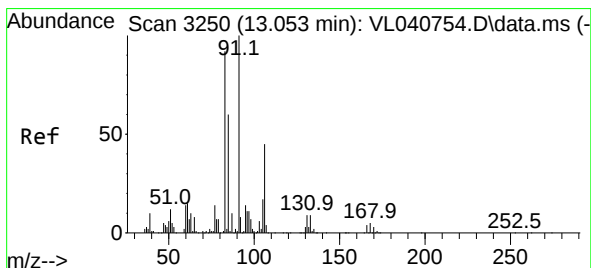
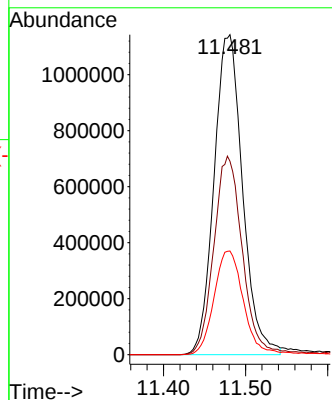
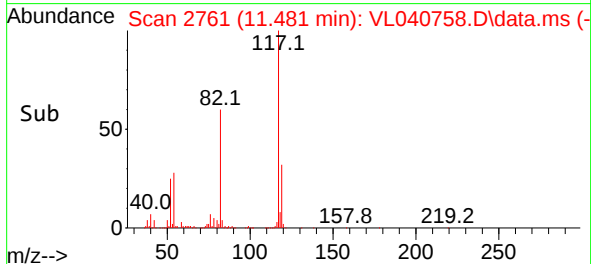
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



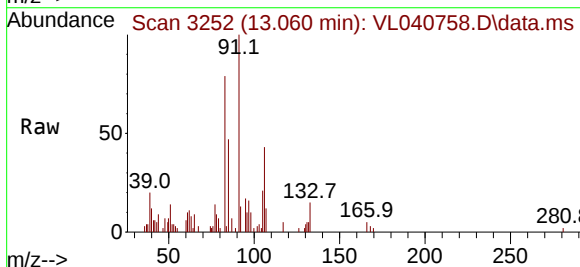
Tgt Ion:117 Resp: 2763779
Ion Ratio Lower Upper
117 100
82 62.4 46.6 70.0
119 33.7 26.0 39.0

Manual Integrations
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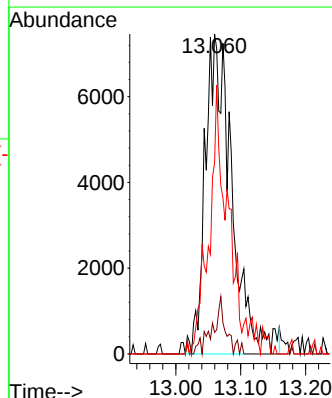
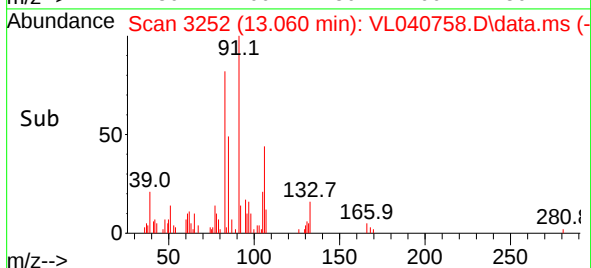
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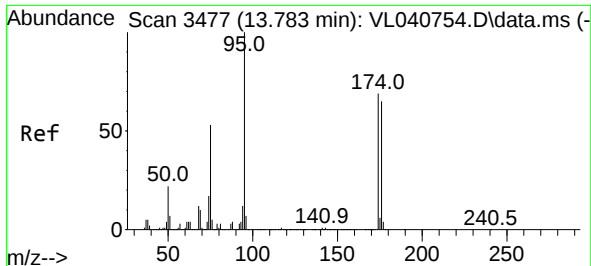


#63
1,1,2,2-Tetrachloroethane
Concen: 0.097 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33



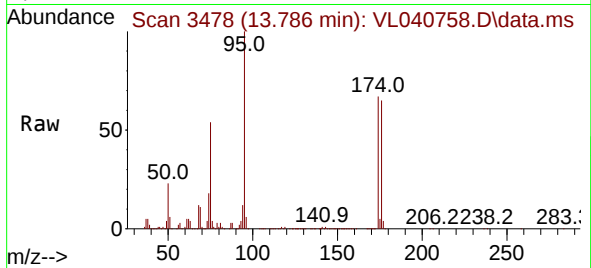
Tgt Ion: 83 Resp: 21381
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6#
85 61.3 32.9 98.7





#68
1-Bromo-4-Fluorobenzene
Concen: 9.839 ppbv
RT: 13.786 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

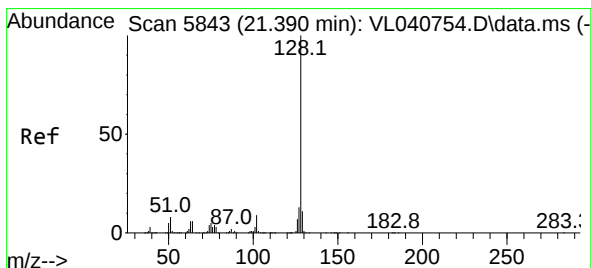
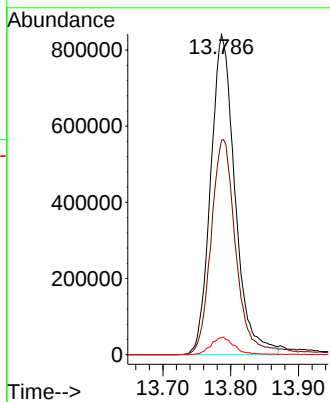
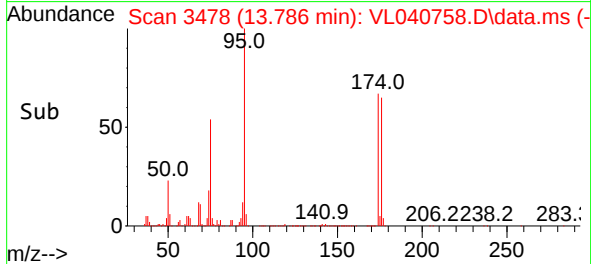
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 95 Resp: 210094
Ion Ratio Lower Upper
95 100
174 70.3 54.7 82.1
175 5.3 4.2 6.4

Manual Integrations
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#79
Naphthalene
Concen: 0.082 ppbv m
RT: 21.423 min Scan# 5853
Delta R.T. 0.032 min
Lab File: VL040758.D
Acq: 11 Oct 2023 14:33

Tgt Ion:128 Resp: 17674
Ion Ratio Lower Upper
128 100
127 20.8 10.6 15.8#
129 10.9 9.0 13.4

