

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040178.D
 Acq On : 15 Feb 2023 16:25
 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 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 16:55:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 15 16:28:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	940406	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.655	114	2421512	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2175325	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1789363	10.000	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	5182	0.092	ppbv	# 65
32) 1,1,1-Trichloroethane	6.002	97	13732	0.096	ppbv	98
35) Carbon Tetrachloride	6.497	117	12958m	0.092	ppbv	
38) Trichloroethene	7.291	130	9689m	0.095	ppbv	
52) Tetrachloroethene	10.629	164	5340m	0.090	ppbv	
54) 1,2-Dibromoethane	10.021	107	7030m	0.087	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	7683m	0.097	ppbv	
79) Naphthalene	21.407	128	6303m	0.044	ppbv	

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

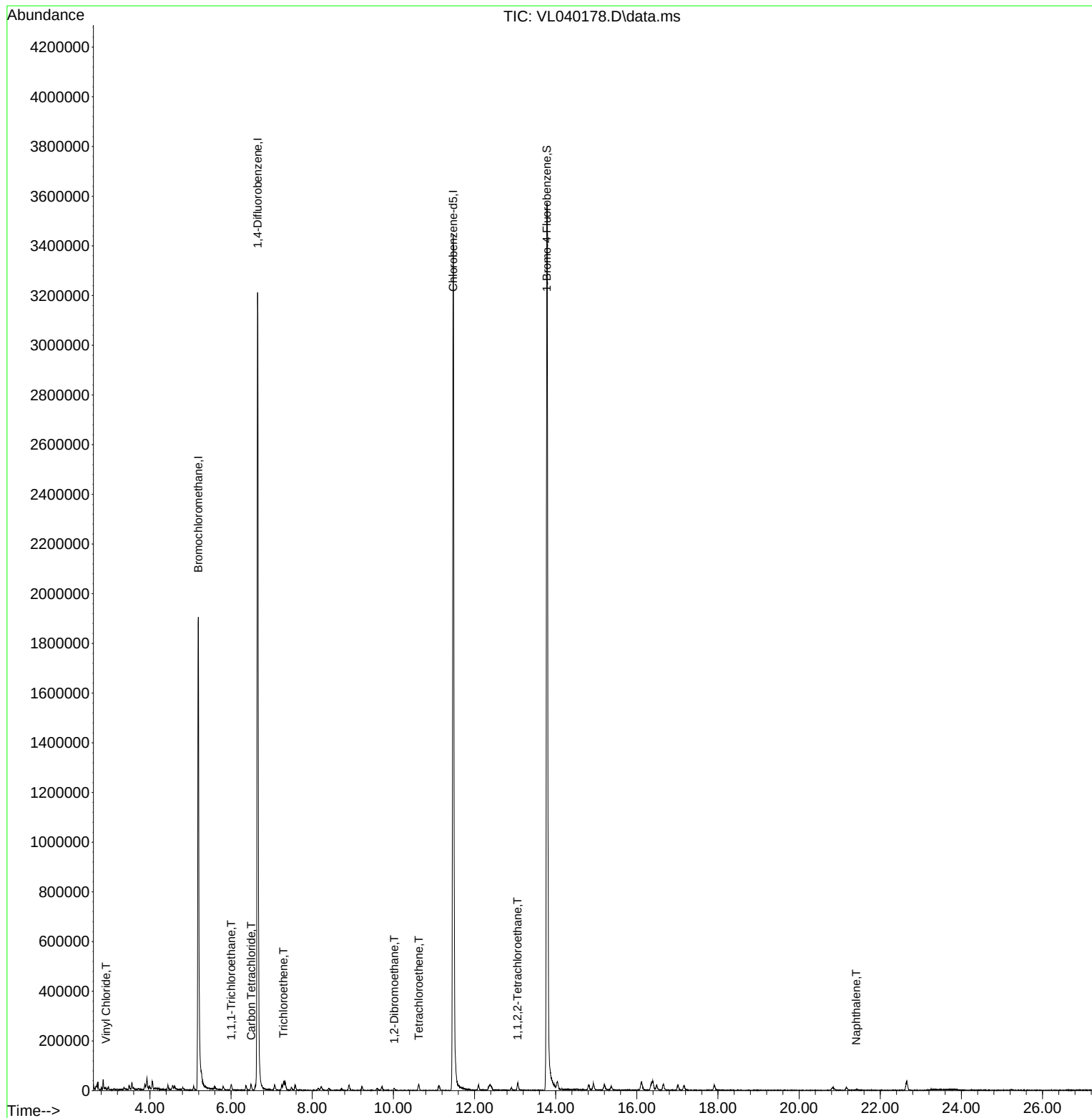
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
Data File : VL040178.D
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Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
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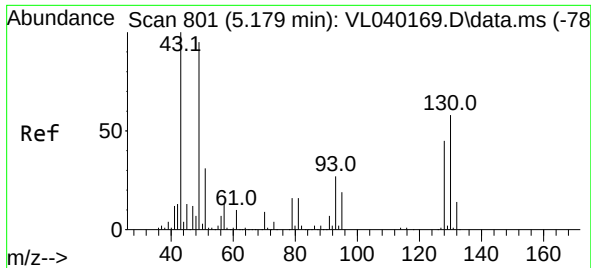
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Feb 15 16:55:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 15 16:28:55 2023
Response via : Initial Calibration

Manual Integrations
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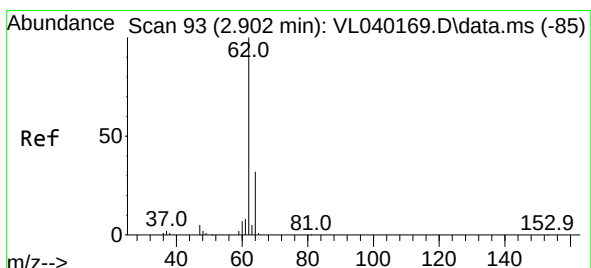
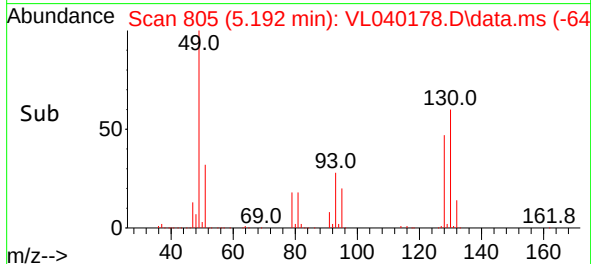
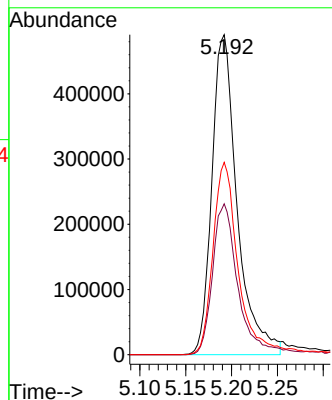
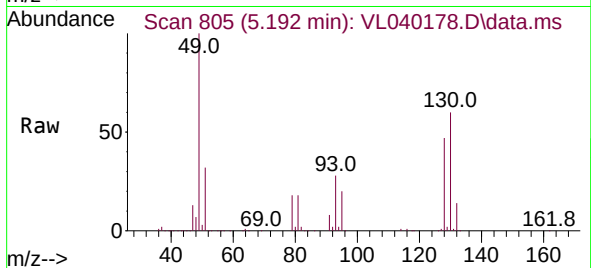
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 49 Resp: 940400
Ion Ratio Lower Upper
49 100
128 49.0 24.1 72.3
130 62.6 30.9 92.8

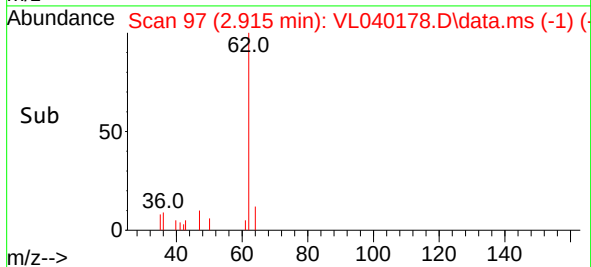
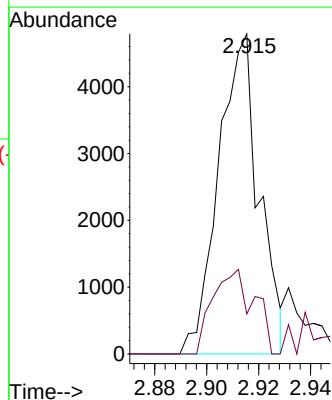
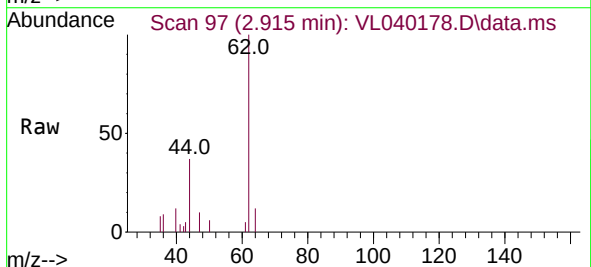
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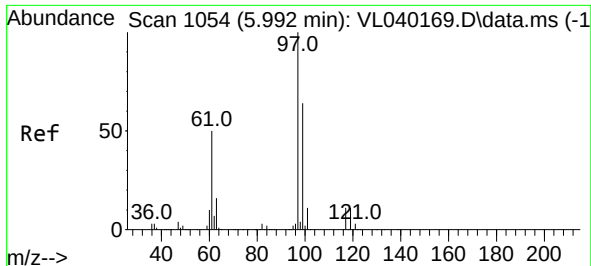
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#5
Vinyl Chloride
Concen: 0.092 ppbv
RT: 2.915 min Scan# 97
Delta R.T. 0.013 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

Tgt Ion: 62 Resp: 5182
Ion Ratio Lower Upper
62 100
64 12.5 25.6 38.4#





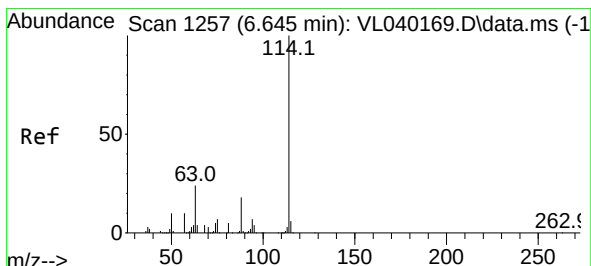
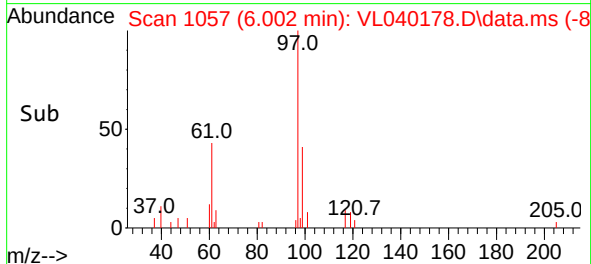
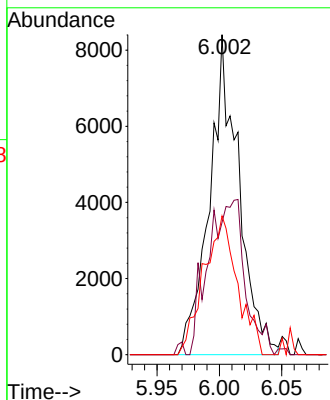
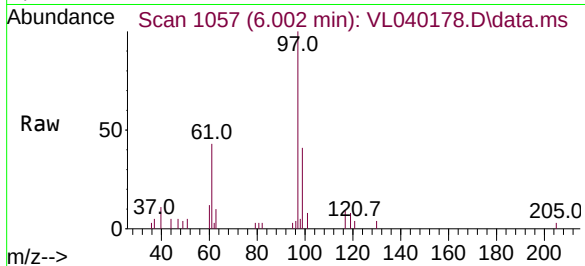
#32
 1,1,1-Trichloroethane
 Concen: 0.096 ppbv
 RT: 6.002 min Scan# 1054
 Delta R.T. 0.010 min
 Lab File: VL040178.D
 Acq: 15 Feb 2023 16:25

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

Tgt Ion: 97 Resp: 1373
 Ion Ratio Lower Upper
 97 100
 99 62.6 51.5 77.3
 61 49.7 40.6 60.8

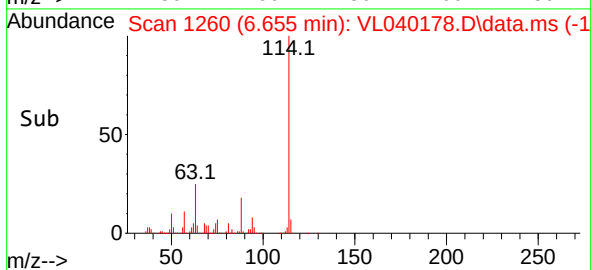
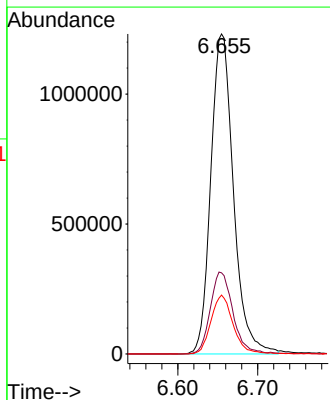
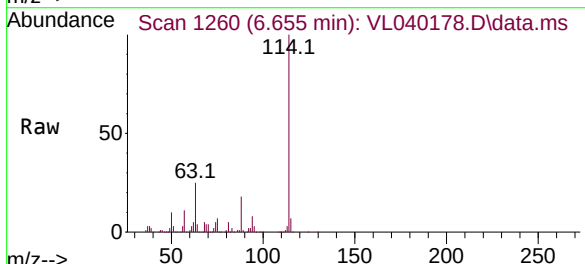
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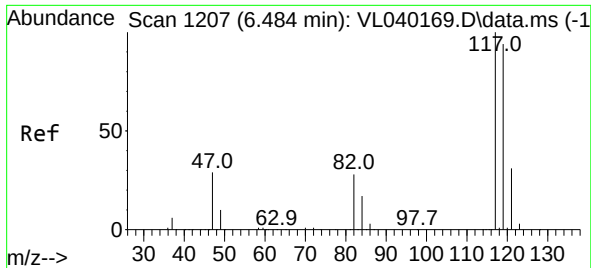
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.655 min Scan# 1260
 Delta R.T. 0.010 min
 Lab File: VL040178.D
 Acq: 15 Feb 2023 16:25

Tgt Ion:114 Resp: 2421512
 Ion Ratio Lower Upper
 114 100
 63 25.8 20.4 30.6
 88 18.1 14.3 21.5





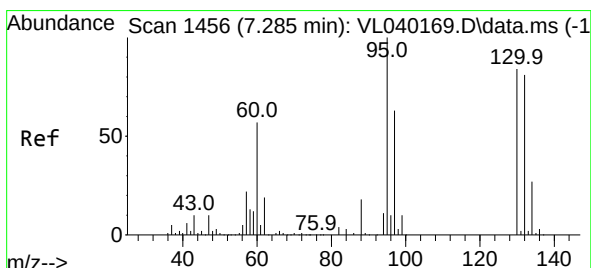
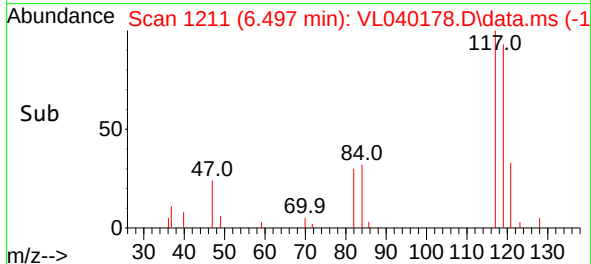
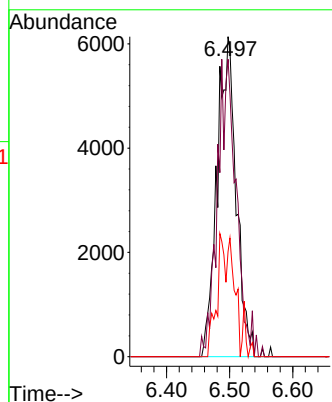
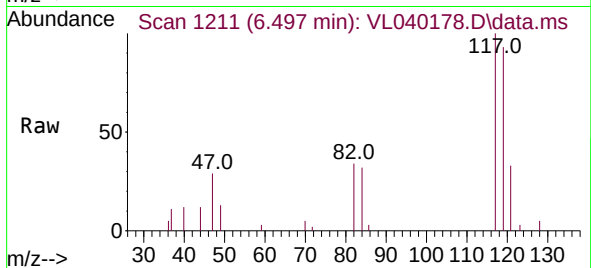
#35
Carbon Tetrachloride
Concen: 0.092 ppbv m
RT: 6.497 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion:117 Resp: 1295
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.6
121 32.8 25.0 37.4

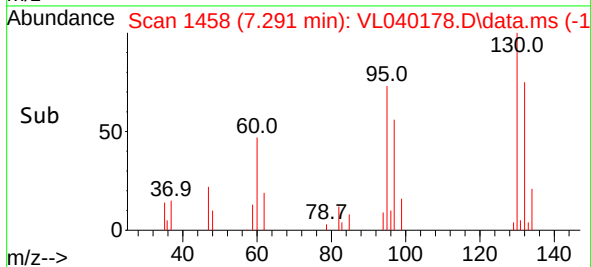
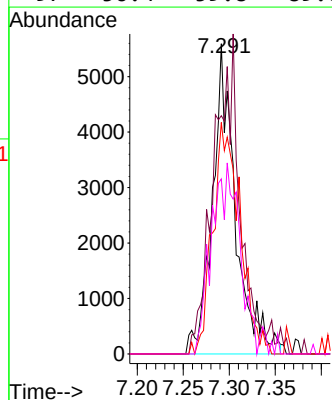
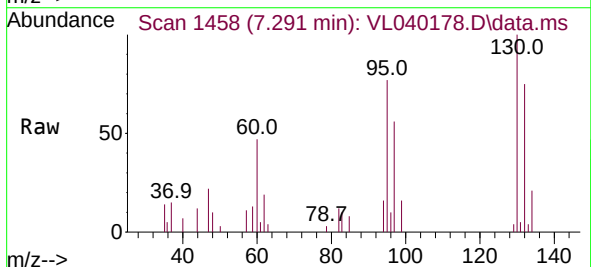
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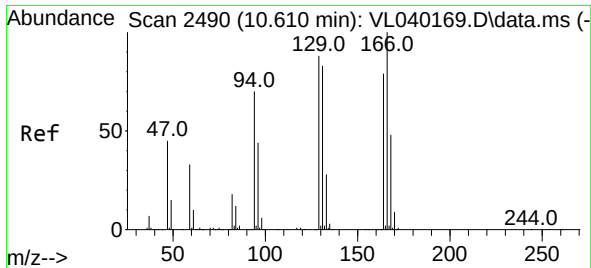
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 0.095 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. 0.007 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

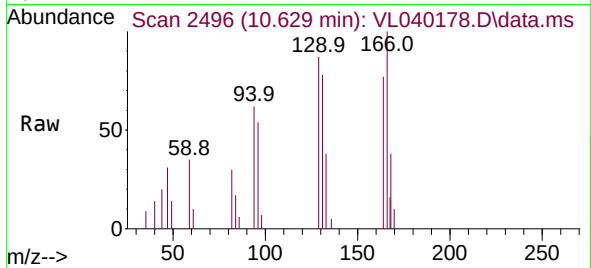
Tgt Ion:130 Resp: 9689
Ion Ratio Lower Upper
130 100
95 76.8 94.7 142.1#
132 74.6 76.4 114.6#
97 56.4 59.8 89.6#





#52
Tetrachloroethene
Concen: 0.090 ppbv m
RT: 10.629 min Scan# 2490
Delta R.T. 0.019 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

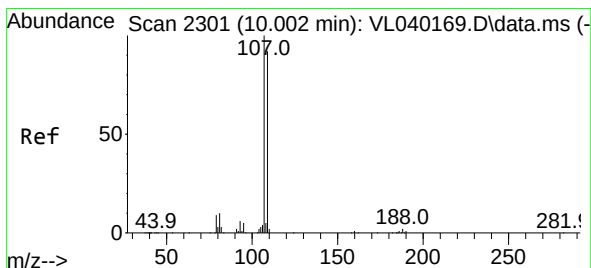
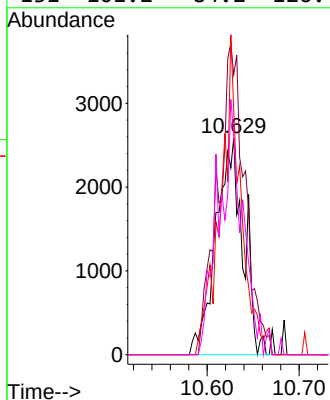
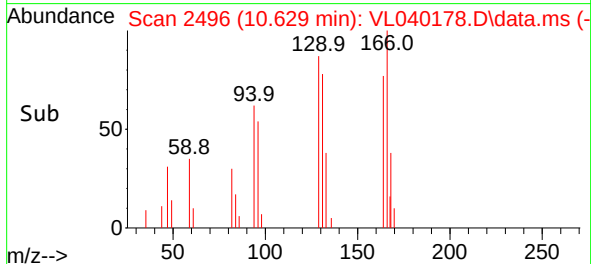
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



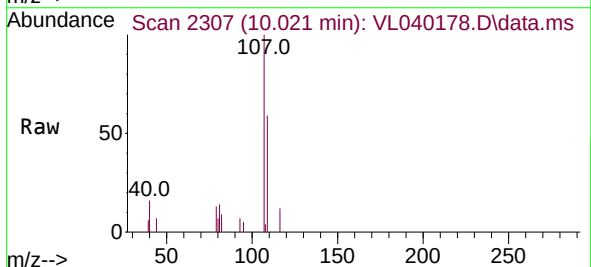
Tgt Ion:164 Resp: 5340
Ion Ratio Lower Upper
164 100
166 129.1 101.5 152.3
129 112.9 89.0 133.4
131 101.2 84.2 126.4

Manual Integrations
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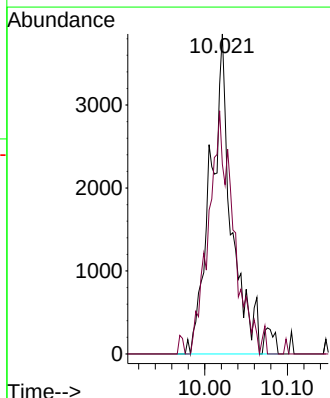
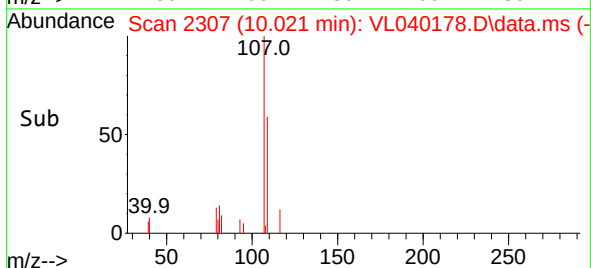
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

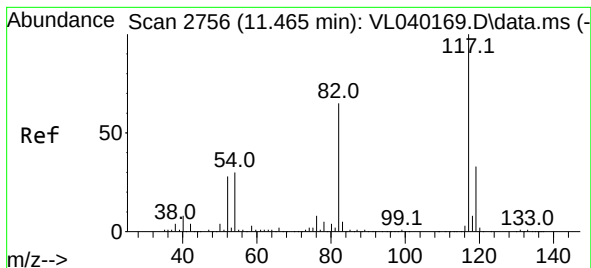


#54
1,2-Dibromoethane
Concen: 0.087 ppbv m
RT: 10.021 min Scan# 2307
Delta R.T. 0.019 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25



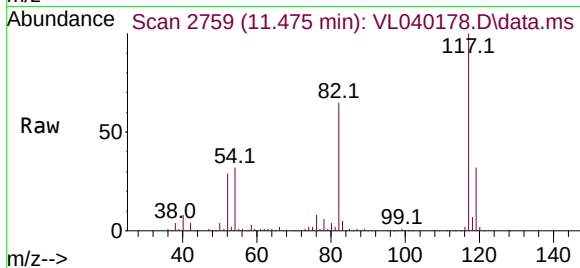
Tgt Ion:107 Resp: 7030
Ion Ratio Lower Upper
107 100
109 59.3 73.8 110.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 217532
Delta R.T. 0.010 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

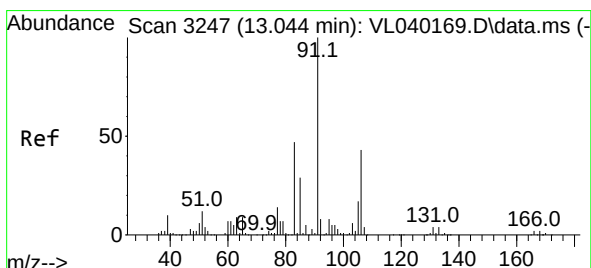
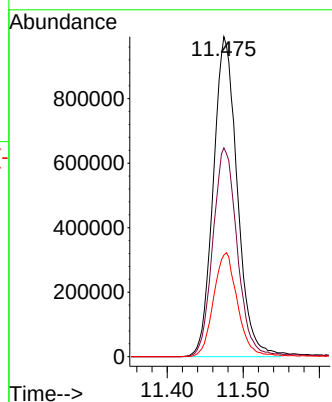
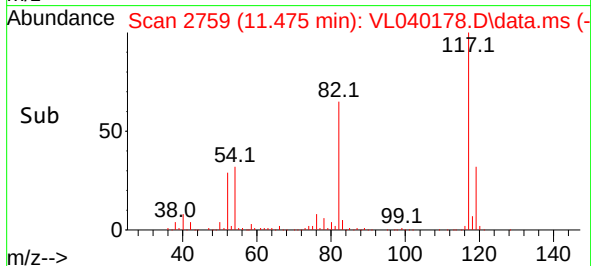
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 217532
Ion Ratio Lower Upper
117 100
82 67.4 53.3 79.9
119 32.9 24.6 37.0

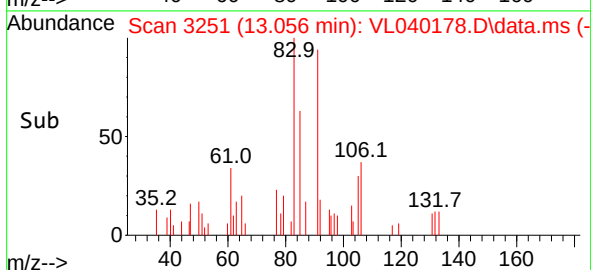
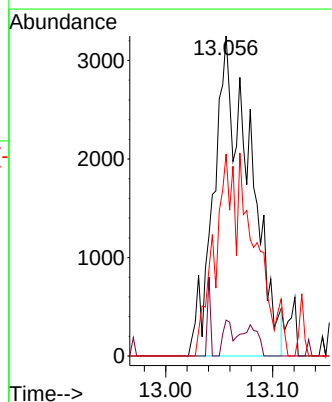
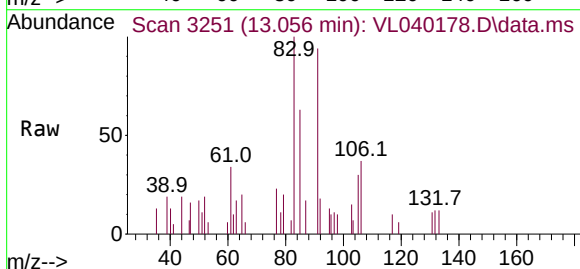
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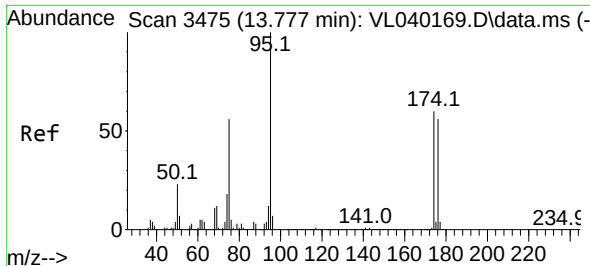
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#63
1,1,2,2-Tetrachloroethane
Concen: 0.097 ppbv m
RT: 13.056 min Scan# 3251
Delta R.T. 0.013 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

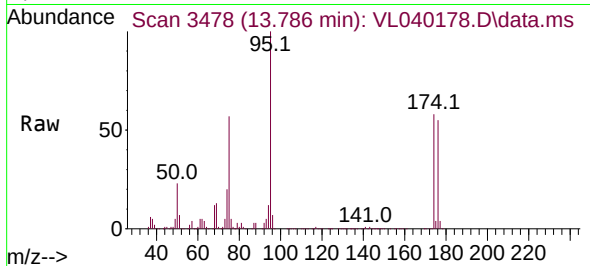
Tgt Ion: 83 Resp: 7683
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2#
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 13.786 min Scan# 3475
Delta R.T. 0.010 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25

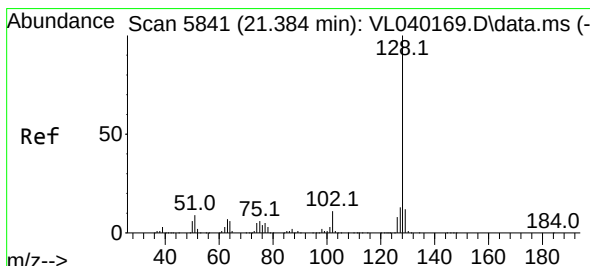
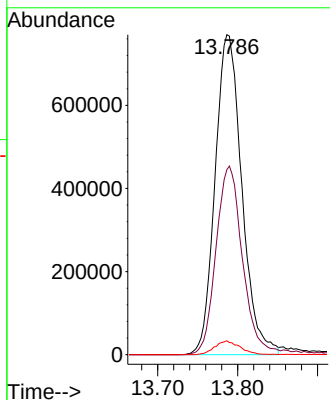
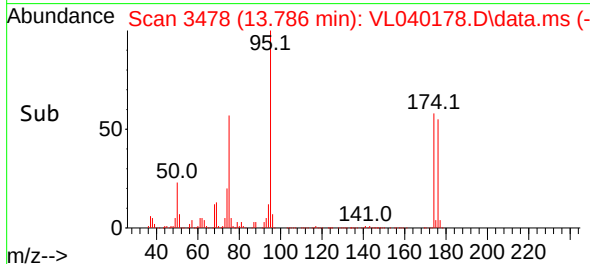
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



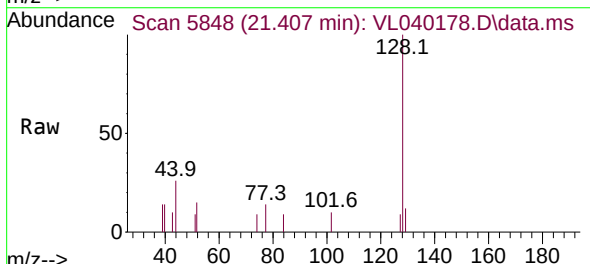
Tgt Ion: 95 Resp: 178936
Ion Ratio Lower Upper
95 100
174 59.7 48.2 72.2
175 4.2 3.4 5.2

Manual Integrations
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#79
Naphthalene
Concen: 0.044 ppbv m
RT: 21.407 min Scan# 5848
Delta R.T. 0.023 min
Lab File: VL040178.D
Acq: 15 Feb 2023 16:25



Tgt Ion:128 Resp: 6303
Ion Ratio Lower Upper
128 100
127 8.7 10.2 15.4#
129 11.7 9.4 14.0

