

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041303.D
 Acq On : 4 Jun 2024 12:29
 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 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 13:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jun 04 11:52:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	989817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2573190	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2358483	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1832343	10.291	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.951	62	2157	0.036	ppbv #	81
32) 1,1,1-Trichloroethane	6.008	97	4409m	0.031	ppbv	
35) Carbon Tetrachloride	6.500	117	4505m	0.031	ppbv	
38) Trichloroethene	7.288	130	2931m	0.036	ppbv	
52) Tetrachloroethene	10.616	164	2500m	0.033	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	6472m	0.037	ppbv	

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

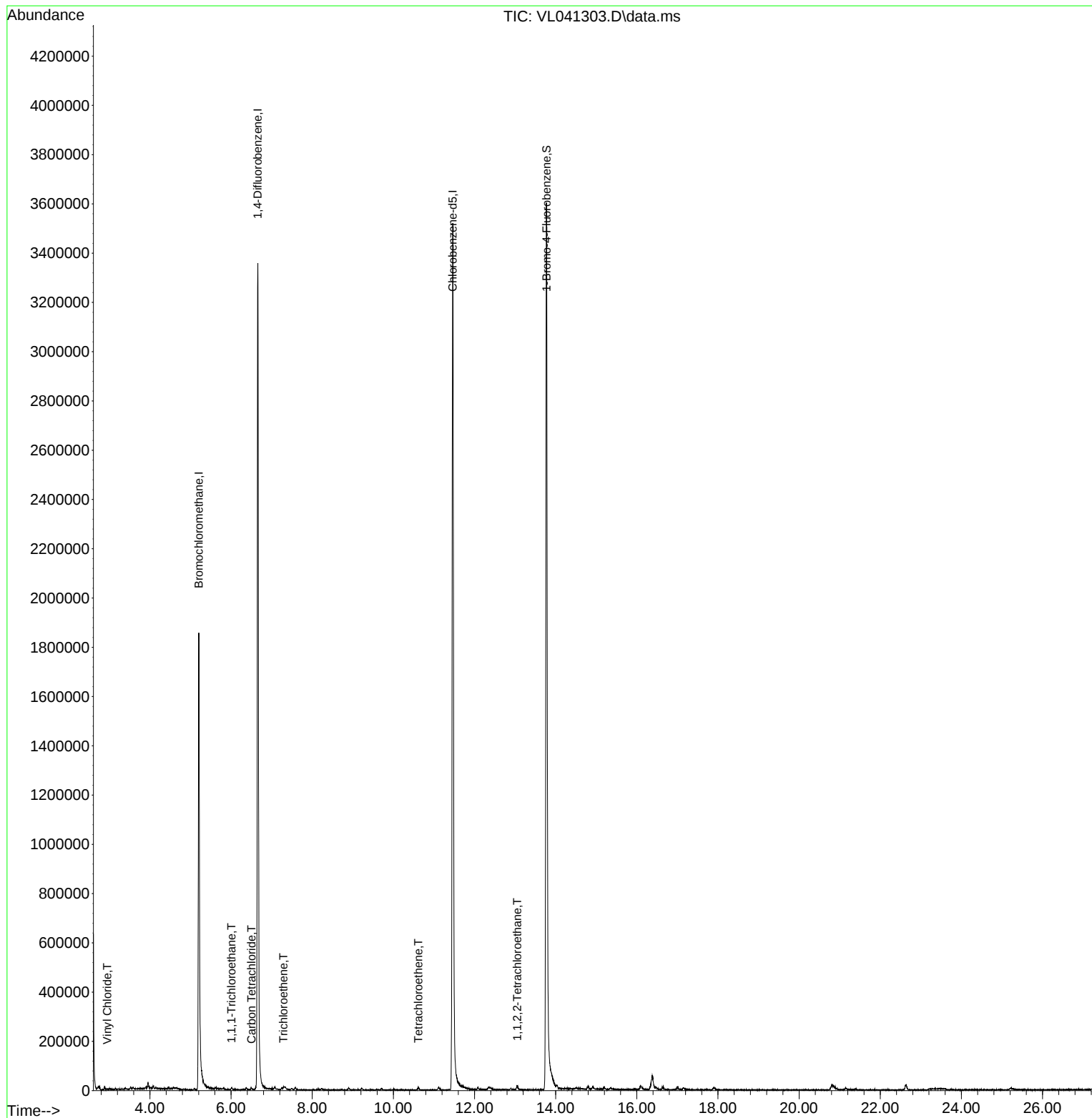
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041303.D
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Operator : SY/MD
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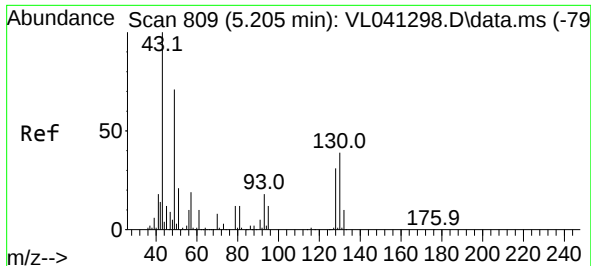
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jun 04 13:37:36 2024
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QLast Update : Tue Jun 04 11:52:35 2024
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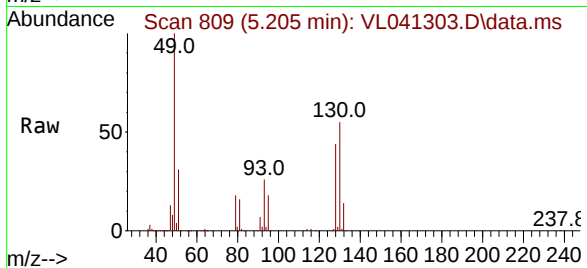
Reviewed By : Semsettin Yesilyurt 06/05/2024
Supervised By : Mahesh Dadoda 06/05/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

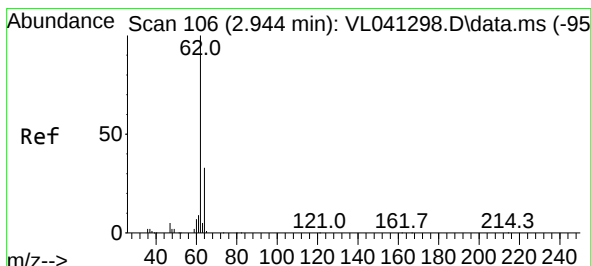
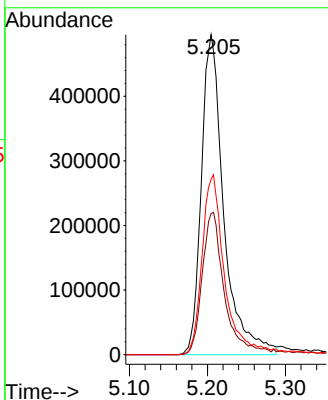
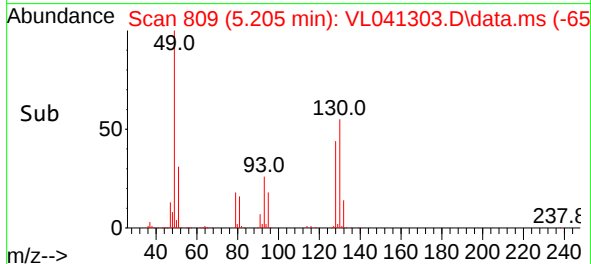
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 98981
Ion Ratio Lower Upper
49 100
128 46.1 22.8 68.3
130 58.0 28.4 85.3

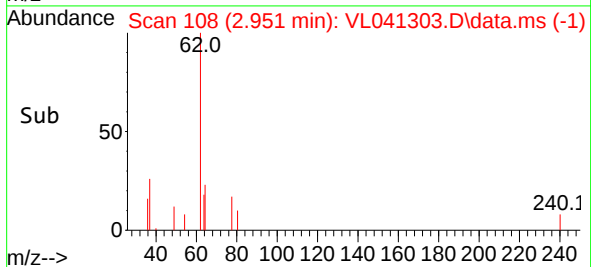
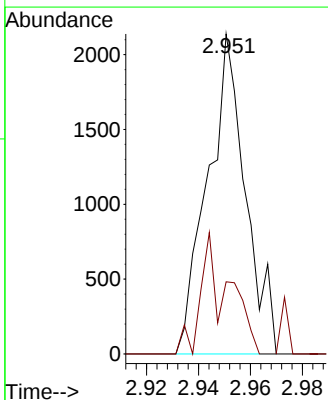
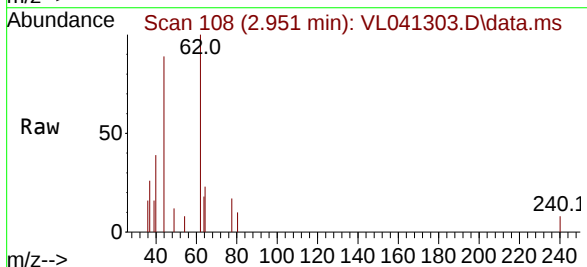
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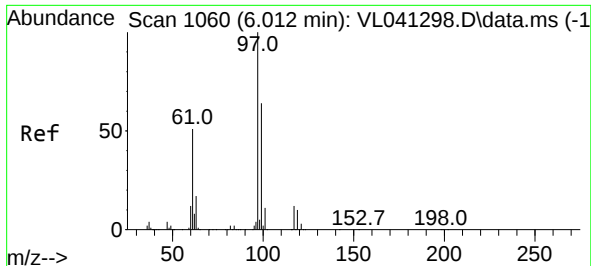
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#5
Vinyl Chloride
Concen: 0.036 ppbv
RT: 2.951 min Scan# 108
Delta R.T. 0.006 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

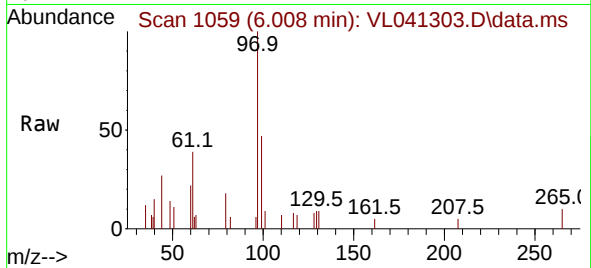
Tgt Ion: 62 Resp: 2157
Ion Ratio Lower Upper
62 100
64 22.5 26.6 40.0#





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 6.008 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

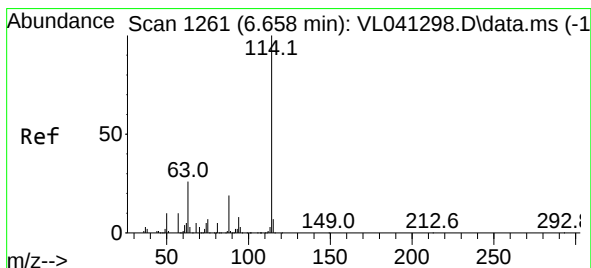
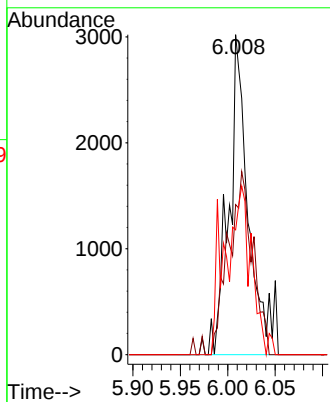
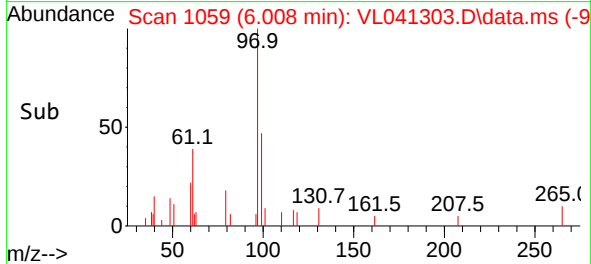
Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03



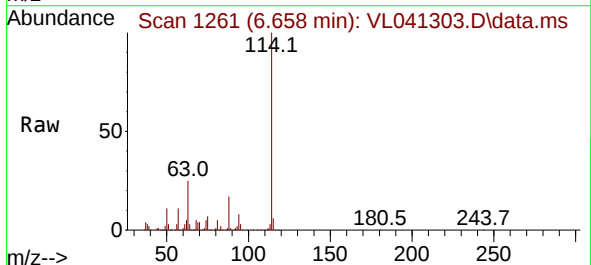
Tgt Ion: 97 Resp: 4409
Ion Ratio Lower Upper
97 100
99 71.2 51.9 77.9
61 69.3 42.9 64.3

Manual Integrations
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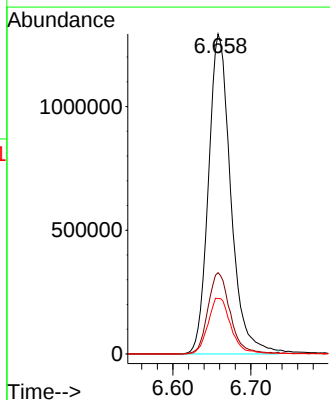
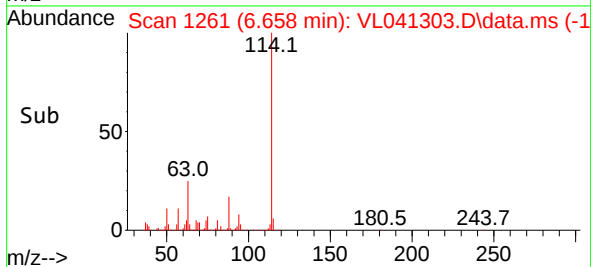
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

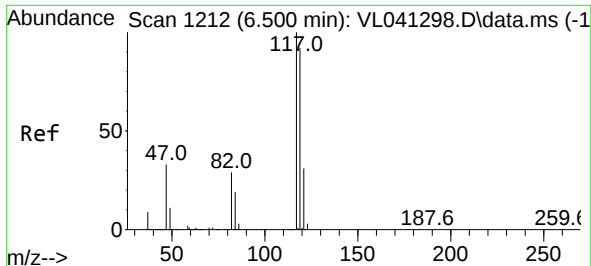


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29



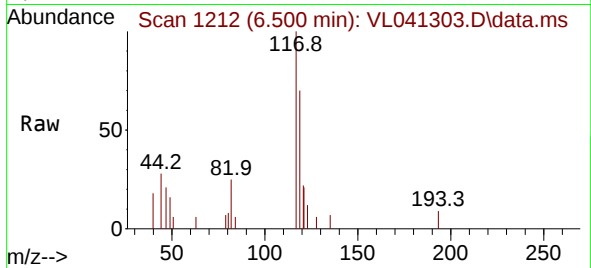
Tgt Ion:114 Resp: 2573190
Ion Ratio Lower Upper
114 100
63 25.7 20.6 30.8
88 18.1 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.031 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

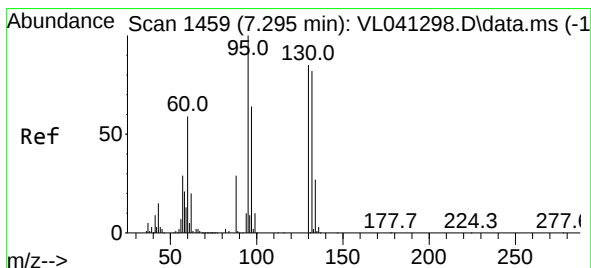
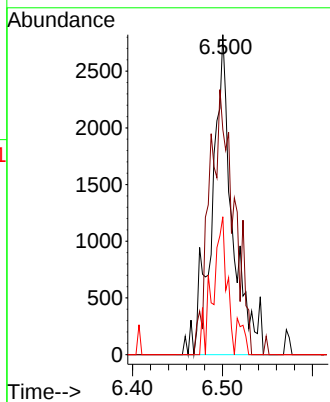
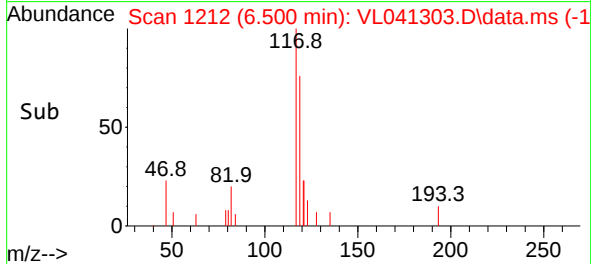
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



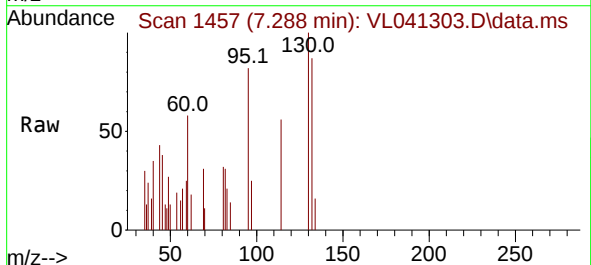
Tgt Ion:117 Resp: 450
Ion Ratio Lower Upper
117 100
119 70.3 74.0 111.0#
121 21.7 24.8 37.2#

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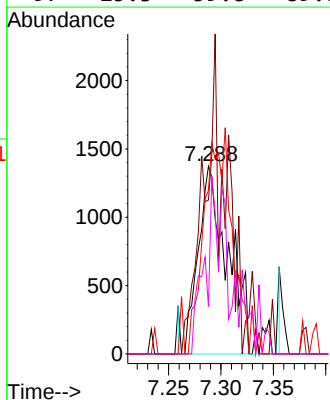
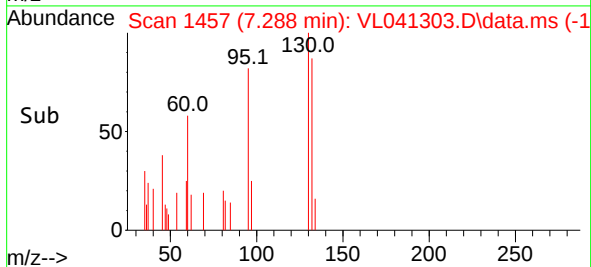
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

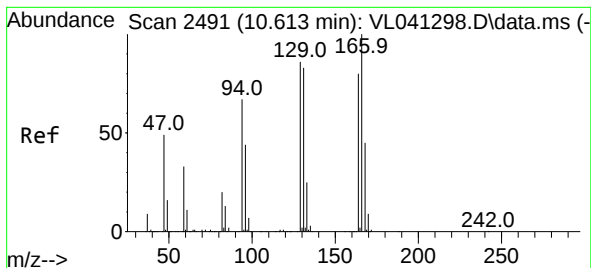


#38
Trichloroethene
Concen: 0.036 ppbv m
RT: 7.288 min Scan# 1457
Delta R.T. -0.007 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29



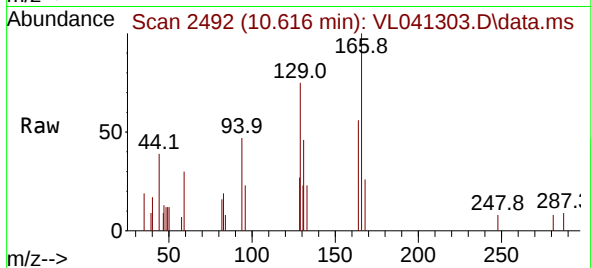
Tgt Ion:130 Resp: 2931
Ion Ratio Lower Upper
130 100
95 82.0 94.0 141.0#
132 87.3 76.7 115.1
97 25.3 59.8 89.8#





#52
Tetrachloroethene
Concen: 0.033 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

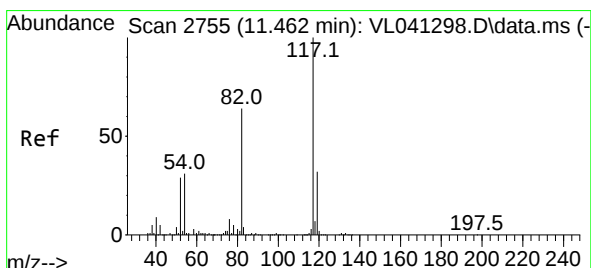
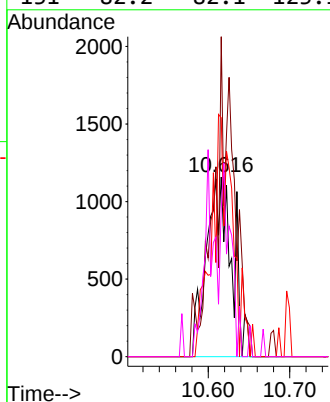
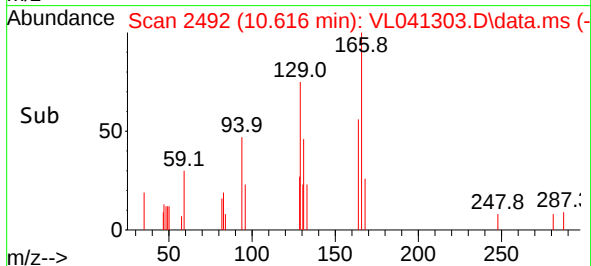
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:164 Resp: 2500
Ion Ratio Lower Upper
164 100
166 178.2 99.4 149.0
129 133.0 85.4 128.2
131 82.2 82.1 123.1

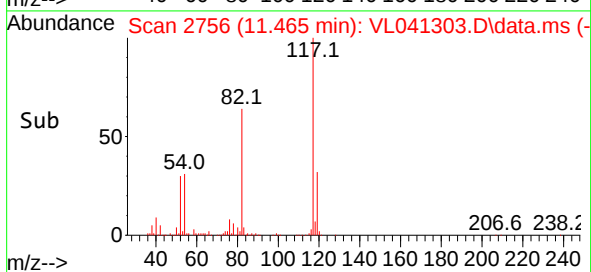
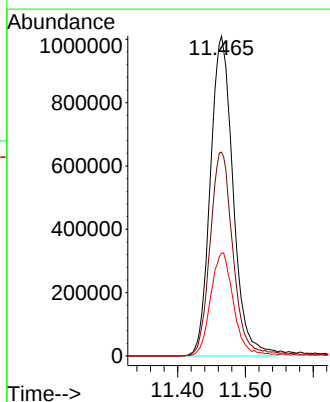
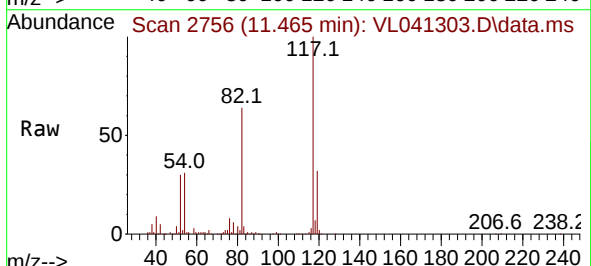
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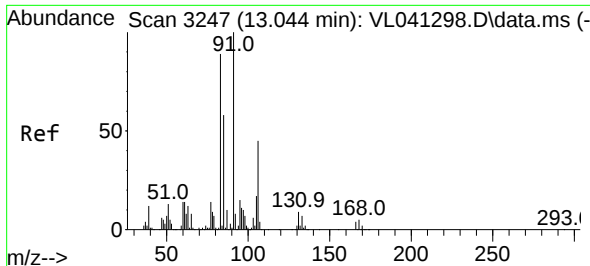
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

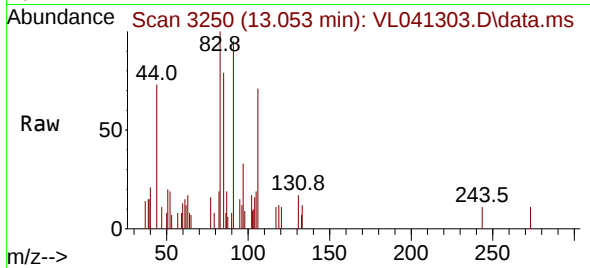
Tgt Ion:117 Resp: 2358483
Ion Ratio Lower Upper
117 100
82 65.1 52.3 78.5
119 33.2 26.2 39.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

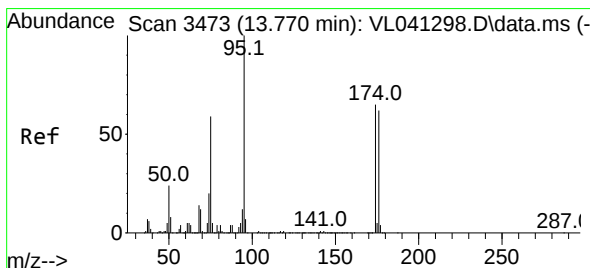
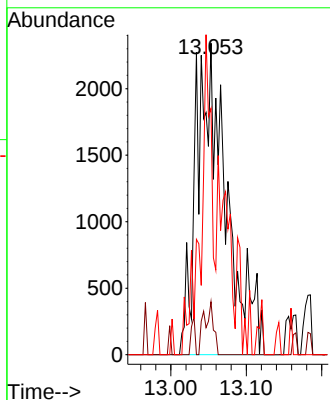
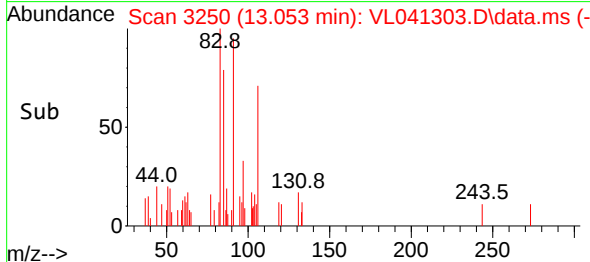
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 83 Resp: 647
Ion Ratio Lower Upper
83 100
131 6.8 4.7 14.1
85 70.5 32.6 97.7

Manual Integrations
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Supervised By :Mahesh Dadoda 06/05/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.291 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL041303.D
Acq: 4 Jun 2024 12:29

Tgt Ion: 95 Resp: 1832343
Ion Ratio Lower Upper
95 100
174 65.6 52.2 78.2
175 4.9 4.1 6.1

