

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041357.D
 Acq On : 26 Jun 2024 12:13
 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 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 13:09:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jun 26 10:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1068214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2851274	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2536894	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1935988	9.884	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.938	62	2992	0.047	ppbv	94
32) 1,1,1-Trichloroethane	6.015	97	8102m	0.051	ppbv	
35) Carbon Tetrachloride	6.500	117	8027m	0.050	ppbv	
38) Trichloroethene	7.301	130	4866m	0.054	ppbv	
52) Tetrachloroethene	10.629	164	4569m	0.057	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.082	83	9731m	0.051	ppbv	

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

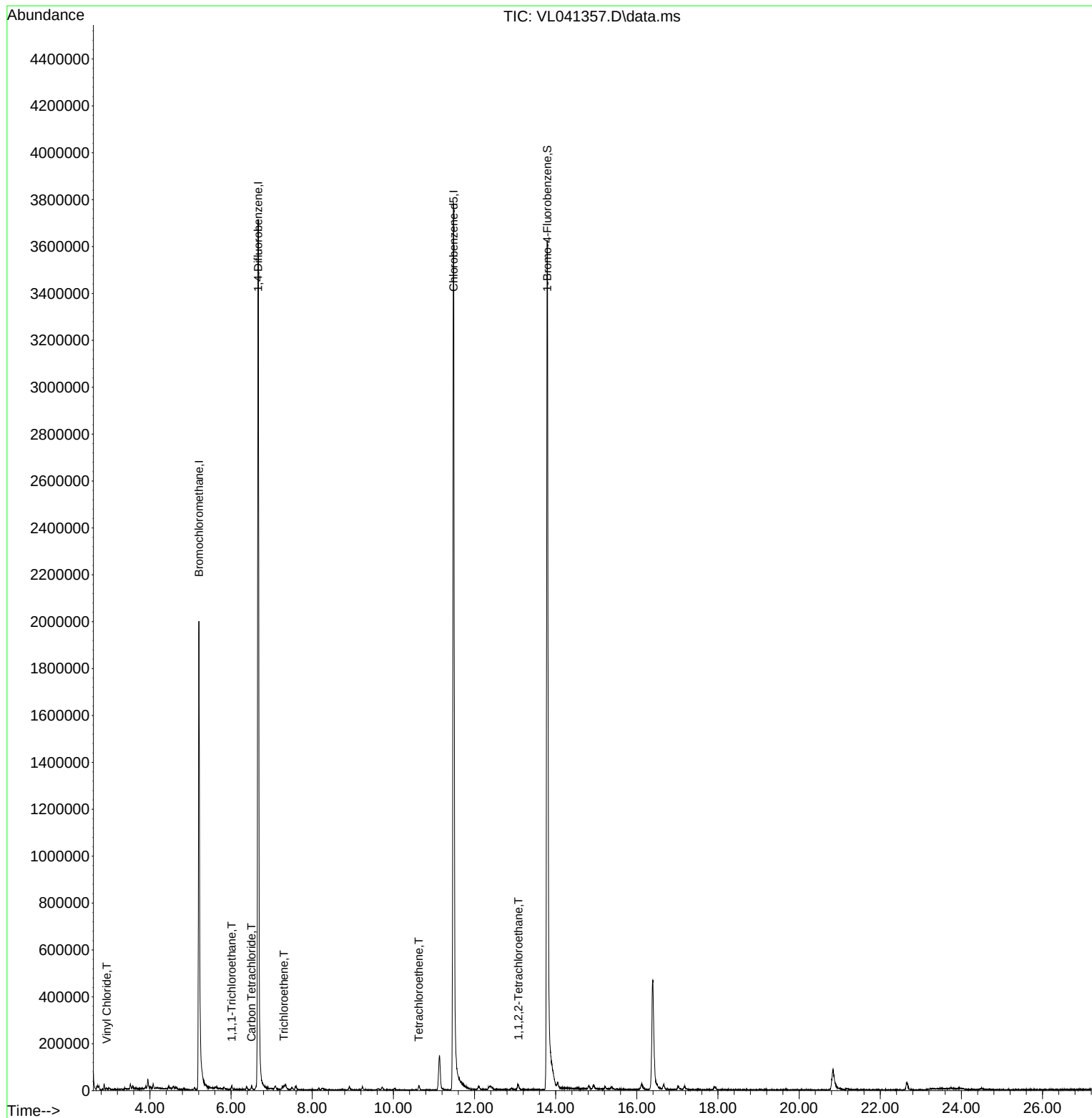
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
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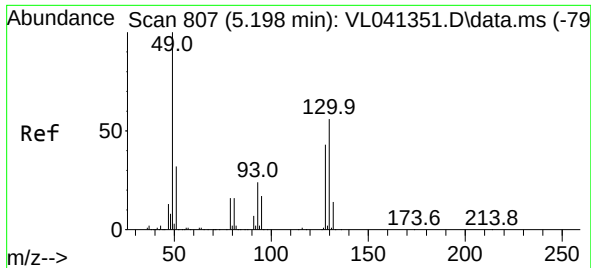
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

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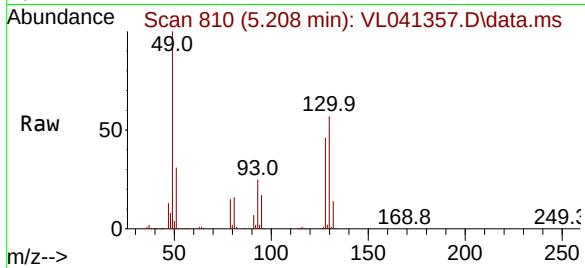
Reviewed By : Semsettin Yesilyurt 06/27/2024
Supervised By : Mahesh Dadoda 06/27/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

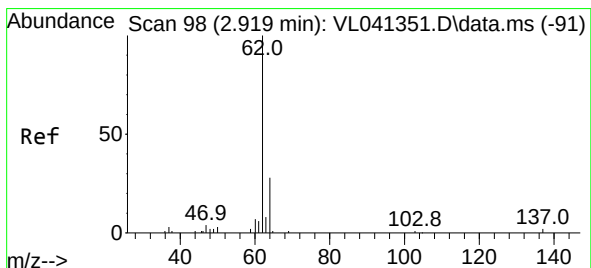
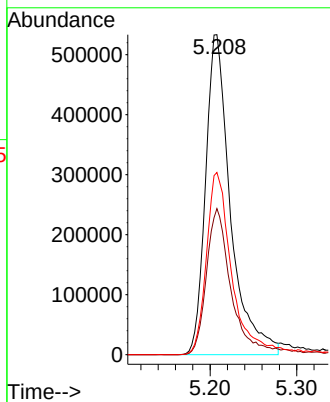
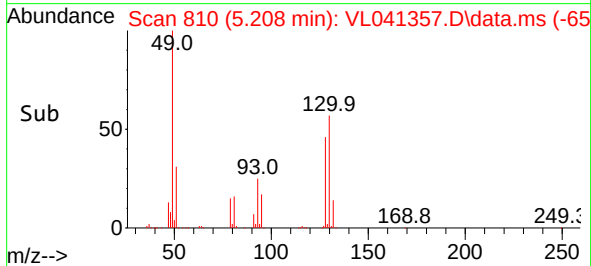
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 1068214
Ion Ratio Lower Upper
49 100
128 46.9 22.8 68.3
130 60.3 28.9 86.7

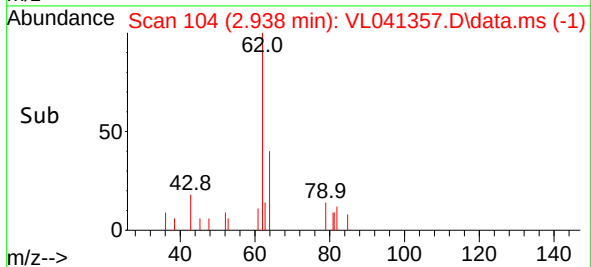
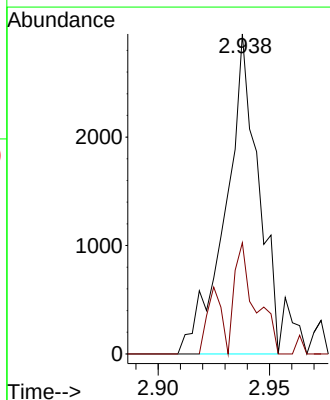
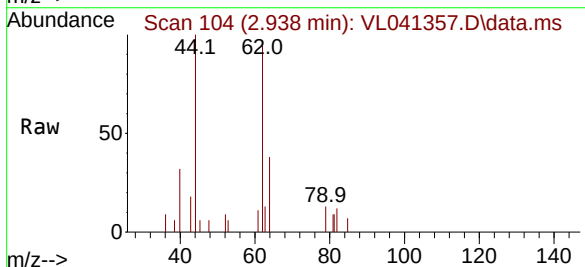
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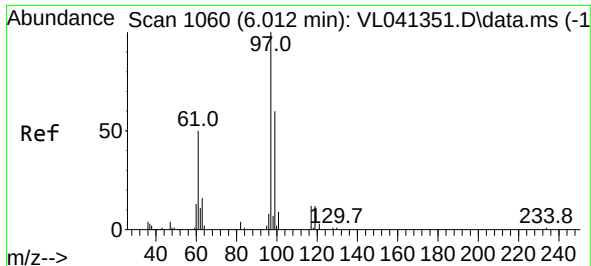
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#5
Vinyl Chloride
Concen: 0.047 ppbv
RT: 2.938 min Scan# 104
Delta R.T. 0.016 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

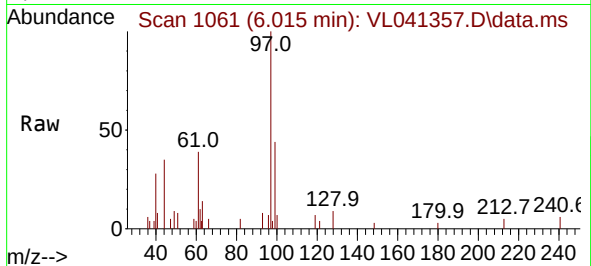
Tgt Ion: 62 Resp: 2992
Ion Ratio Lower Upper
62 100
64 34.8 25.0 37.6





#32
1,1,1-Trichloroethane
Concen: 0.051 ppbv m
RT: 6.015 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

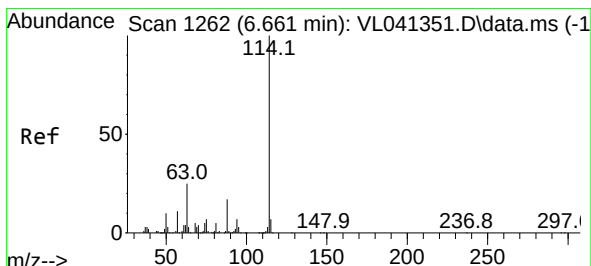
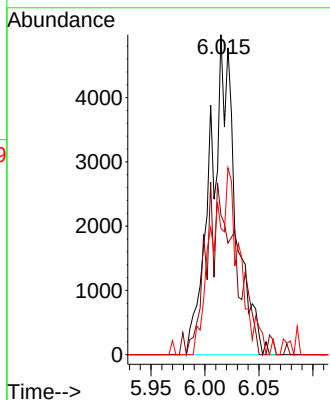
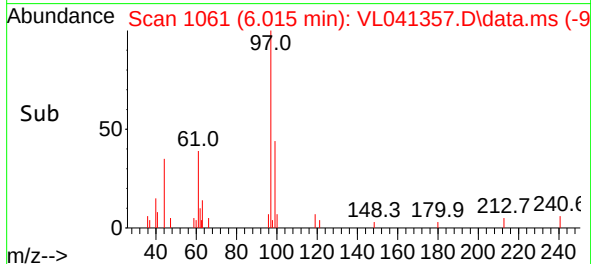
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



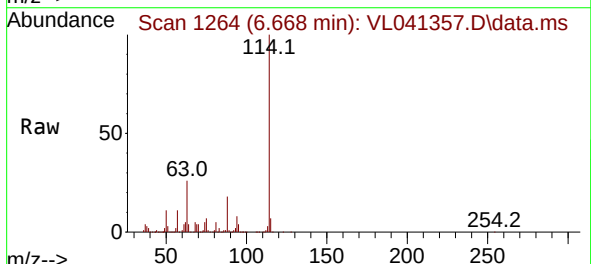
Tgt Ion: 97 Resp: 810
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 65.9 43.0 64.6

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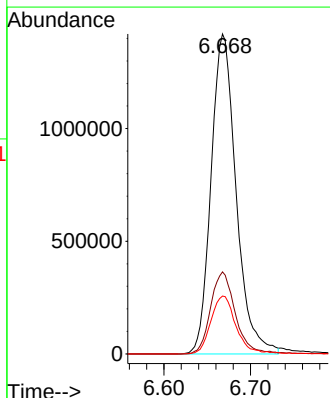
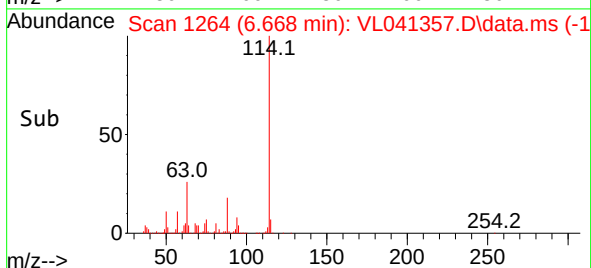
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

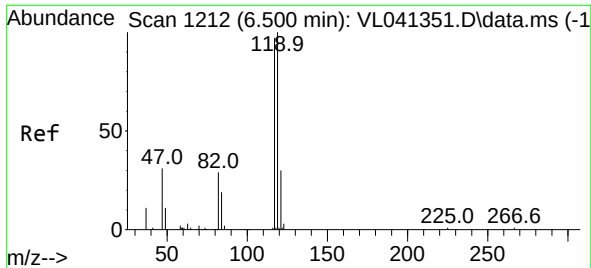


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13



Tgt Ion:114 Resp: 2851274
Ion Ratio Lower Upper
114 100
63 25.7 20.6 31.0
88 18.4 14.6 21.8





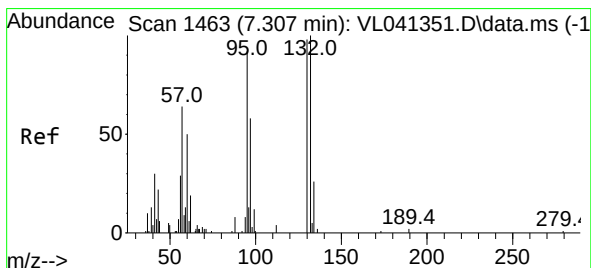
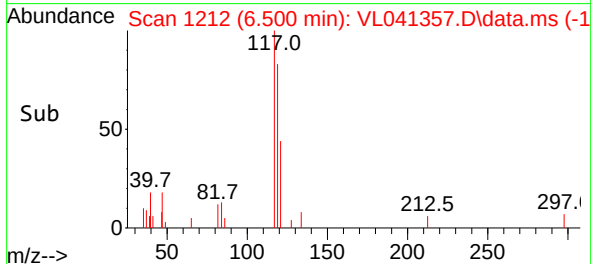
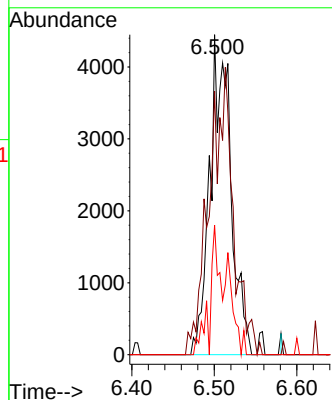
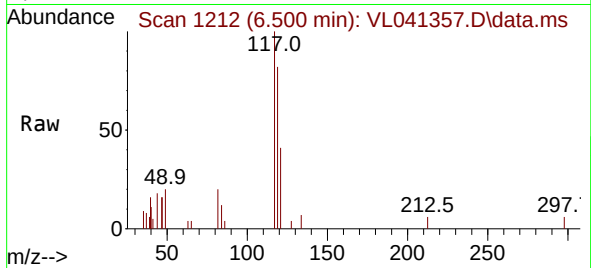
#35
Carbon Tetrachloride
Concen: 0.050 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 802
Ion Ratio Lower Upper
117 100
119 82.4 77.2 115.8
121 40.5 25.2 37.8

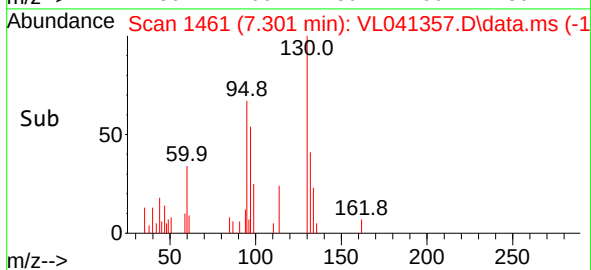
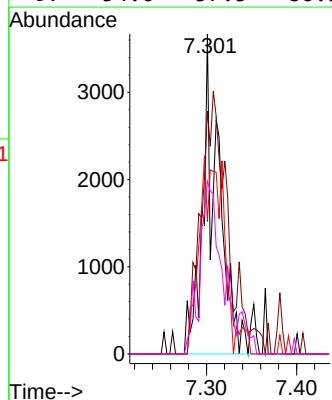
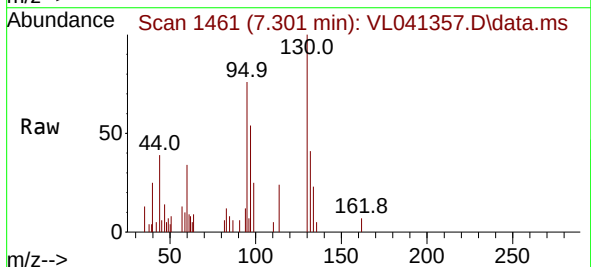
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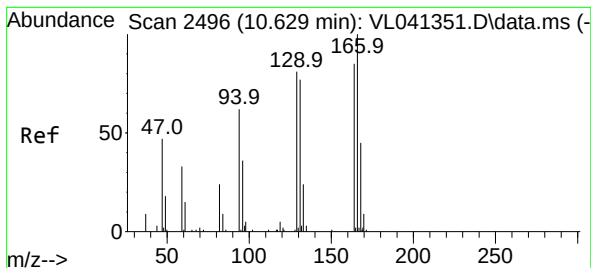
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 0.054 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

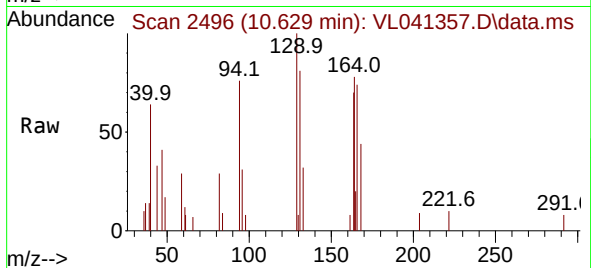
Tgt Ion:130 Resp: 4866
Ion Ratio Lower Upper
130 100
95 75.8 90.0 135.0#
132 41.4 74.8 112.2#
97 54.0 57.5 86.3#





#52
Tetrachloroethene
Concen: 0.057 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

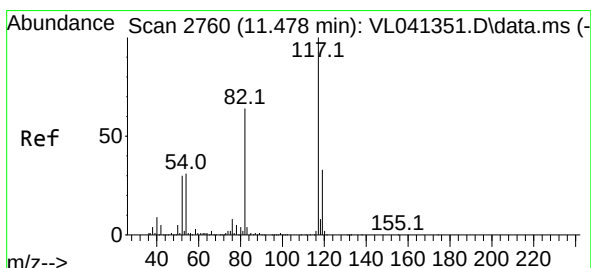
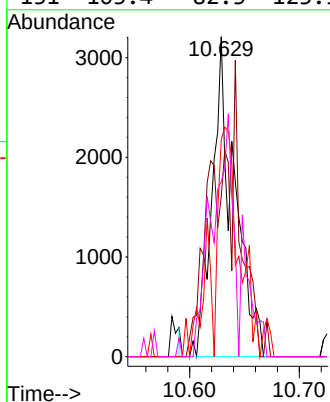
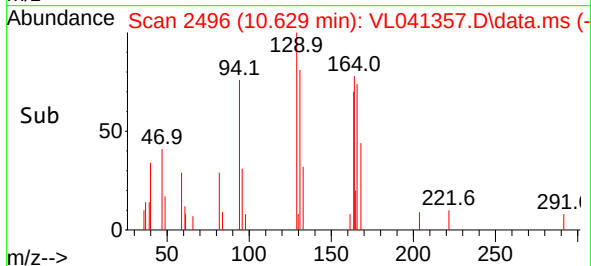
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:164 Resp: 4569
Ion Ratio Lower Upper
164 100
166 94.6 99.8 149.8
129 128.2 83.8 125.6
131 103.4 82.3 123.5

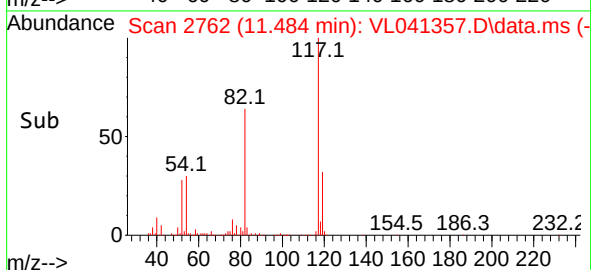
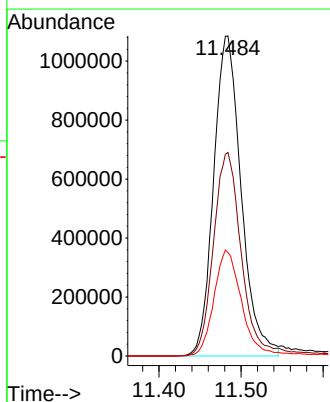
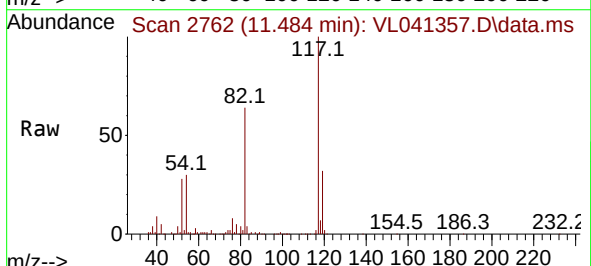
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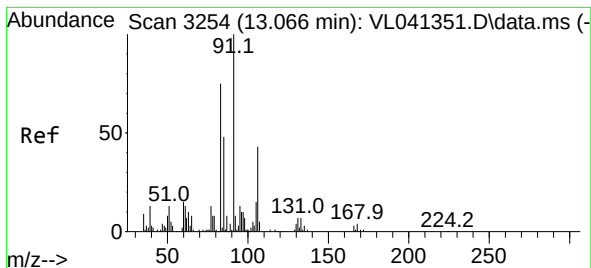
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

Tgt Ion:117 Resp: 2536894
Ion Ratio Lower Upper
117 100
82 67.2 50.6 75.8
119 34.2 24.7 37.1





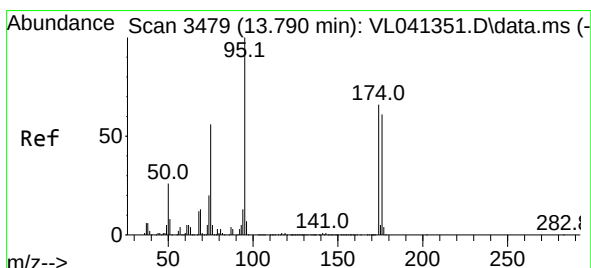
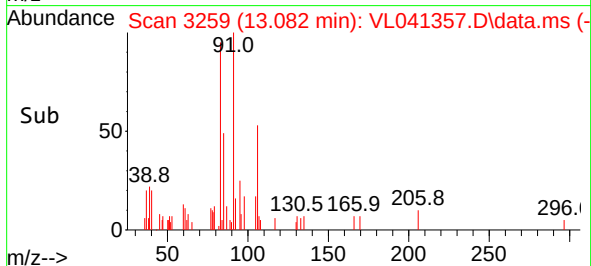
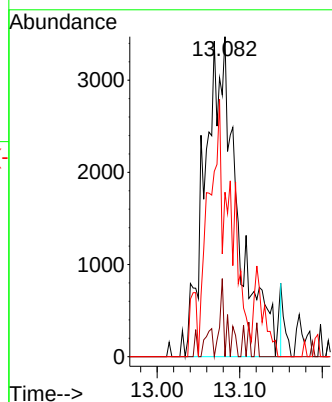
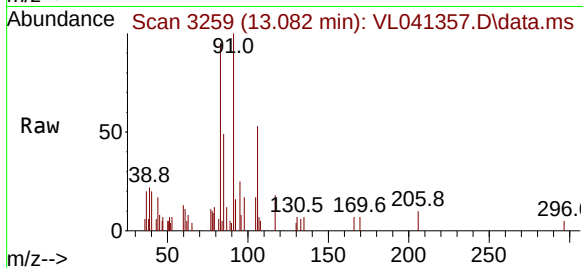
#63
1,1,2,2-Tetrachloroethane
Concen: 0.051 ppbv m
RT: 13.082 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 83 Resp: 973
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 33.0 98.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.884 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.003 min
Lab File: VL041357.D
Acq: 26 Jun 2024 12:13

Tgt Ion: 95 Resp: 1935988
Ion Ratio Lower Upper
95 100
174 67.4 53.1 79.7
175 4.6 4.0 6.0

