

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040995.D
 Acq On : 23 Jan 2024 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 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 13:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 23 11:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1036334	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2588022	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2221989	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1659968	10.142	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.886	62	1766m	0.032	ppbv	
32) 1,1,1-Trichloroethane	5.967	97	4542m	0.029	ppbv	
35) Carbon Tetrachloride	6.449	117	4923m	0.030	ppbv	
38) Trichloroethene	7.253	130	3328m	0.044	ppbv	
52) Tetrachloroethene	10.584	164	1949m	0.029	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.018	83	6070m	0.037	ppbv	

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

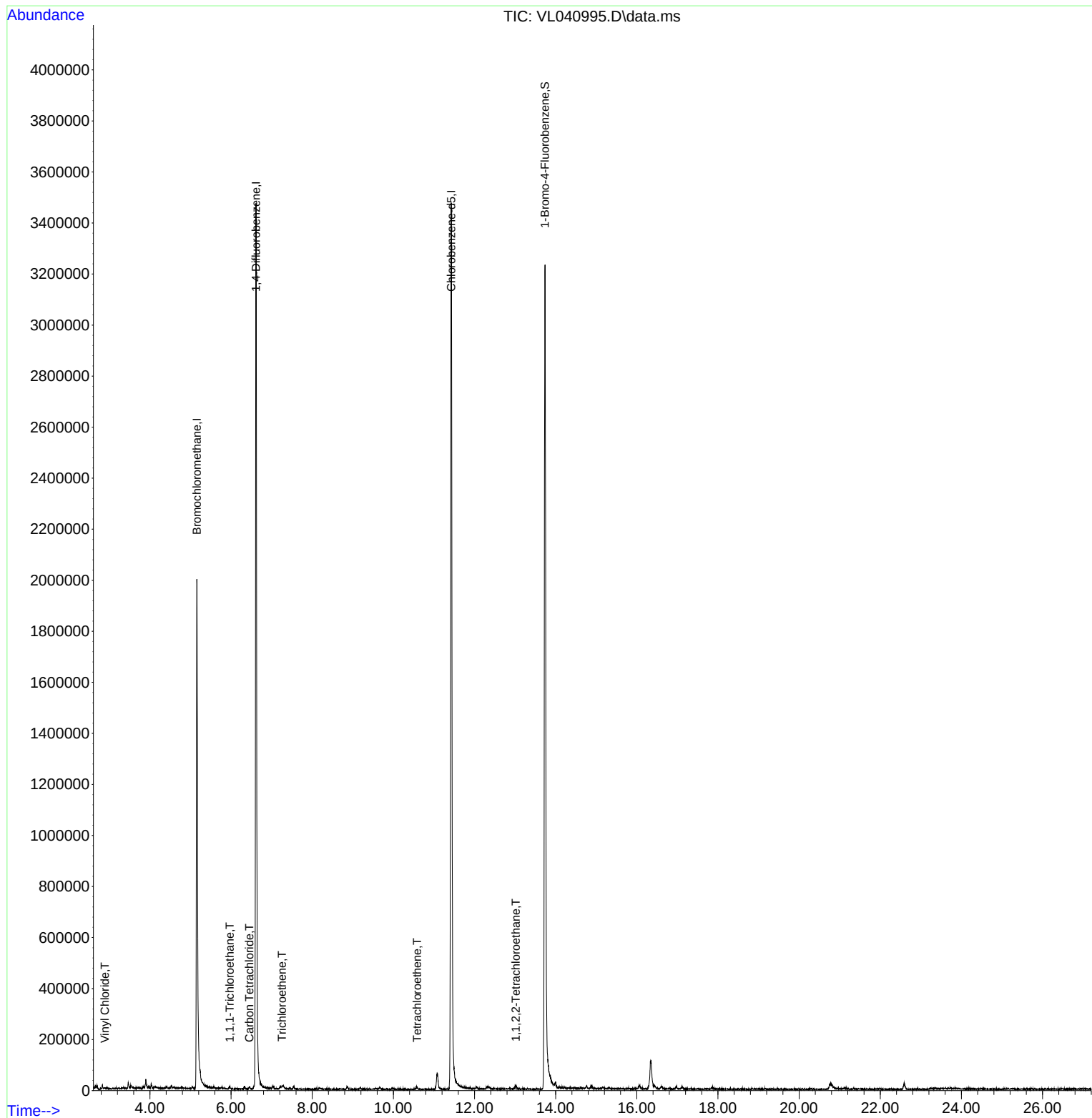
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
Data File : VL040995.D
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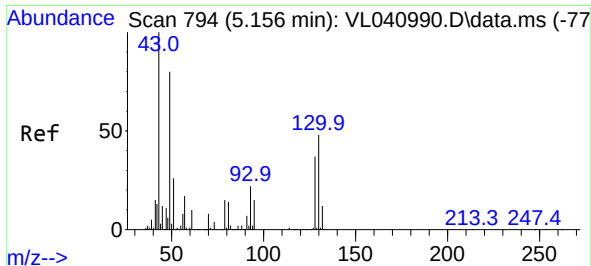
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 23 13:22:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 23 11:01:31 2024
Response via : Initial Calibration

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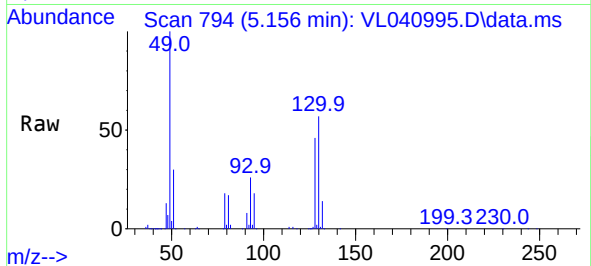
Reviewed By : Semsettin Yesilyurt 01/24/2024
Supervised By : Mahesh Dadoda 01/24/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

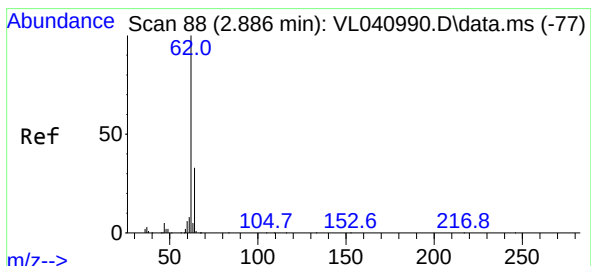
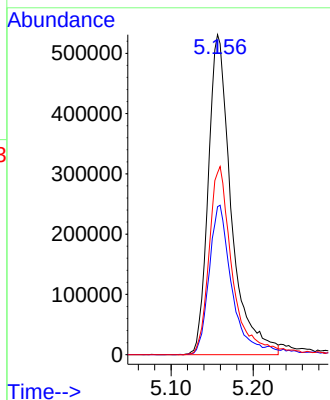
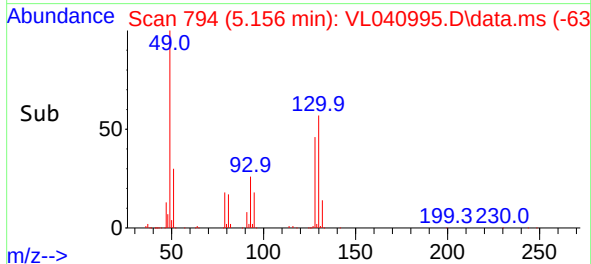
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 1036334
Ion Ratio Lower Upper
49 100
128 48.7 23.9 71.7
130 62.1 31.1 93.5

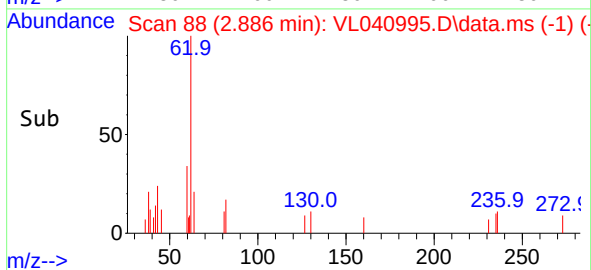
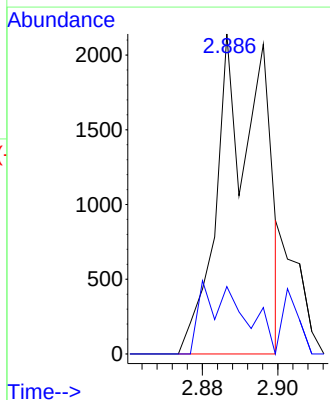
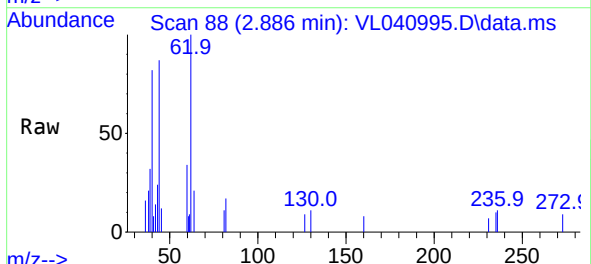
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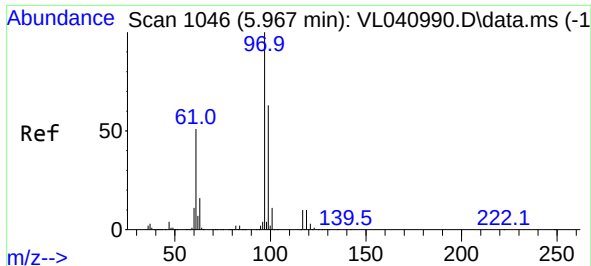
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#5
Vinyl Chloride
Concen: 0.032 ppbv m
RT: 2.886 min Scan# 88
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

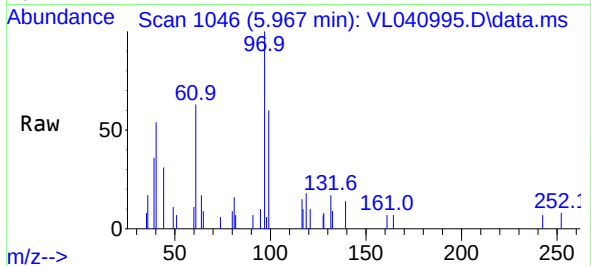
Tgt Ion: 62 Resp: 1766
Ion Ratio Lower Upper
62 100
64 0.0 26.6 40.0#





#32
1,1,1-Trichloroethane
Concen: 0.029 ppbv m
RT: 5.967 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

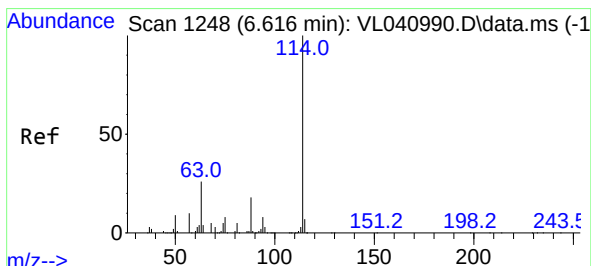
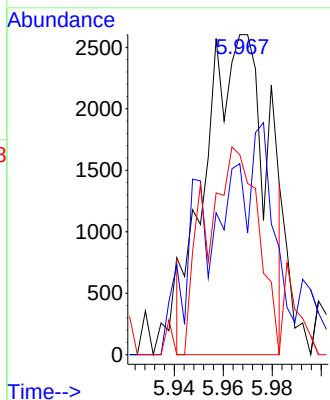
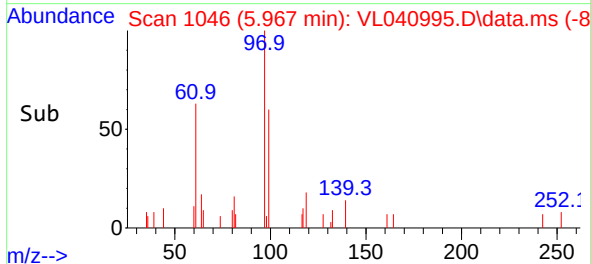
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 4542
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 64.0 40.3 60.5

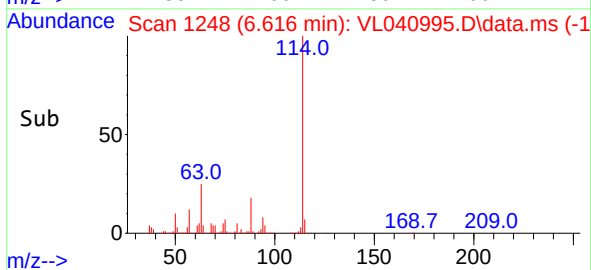
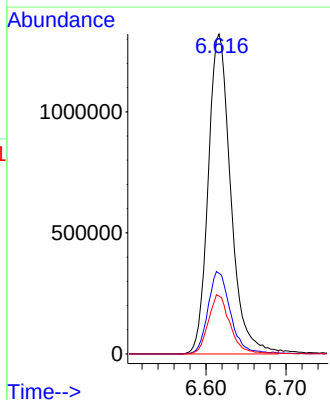
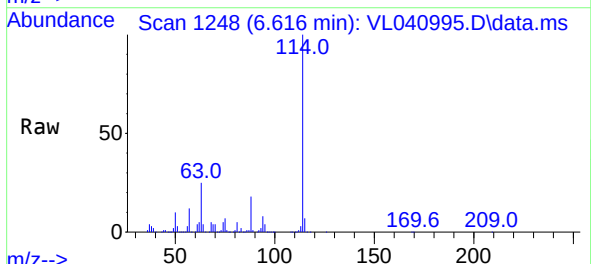
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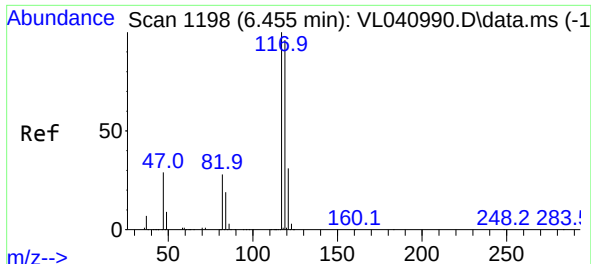
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

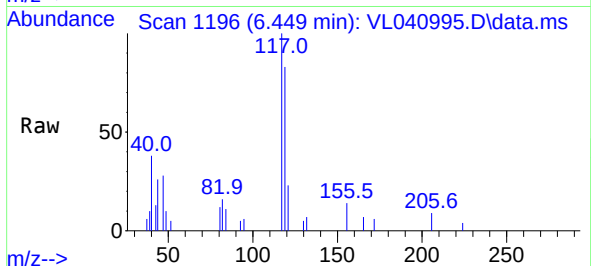
Tgt Ion:114 Resp: 2588022
Ion Ratio Lower Upper
114 100
63 25.9 20.8 31.2
88 18.0 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.030 ppbv m
RT: 6.449 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

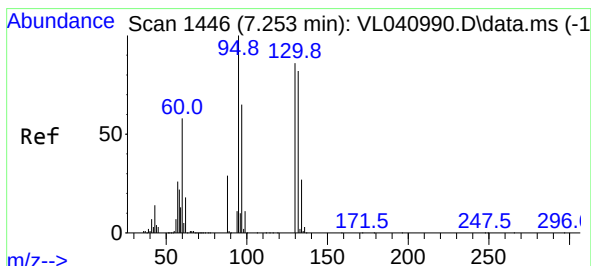
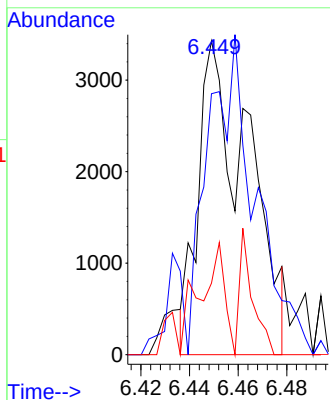
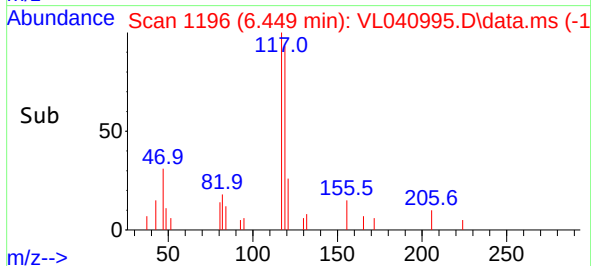
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 4923
Ion Ratio Lower Upper
117 100
119 83.2 76.9 115.3
121 22.8 24.7 37.1

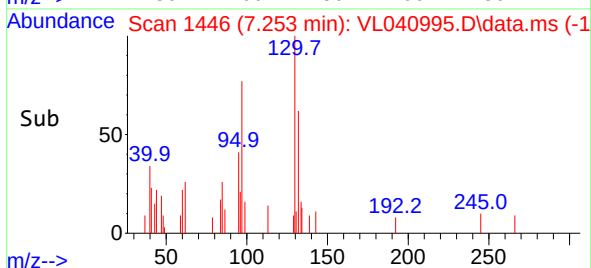
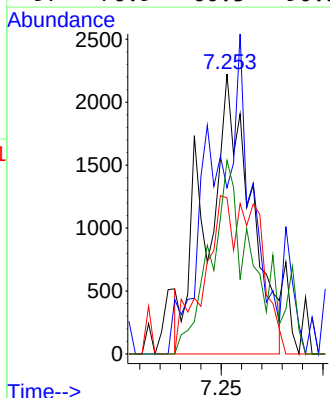
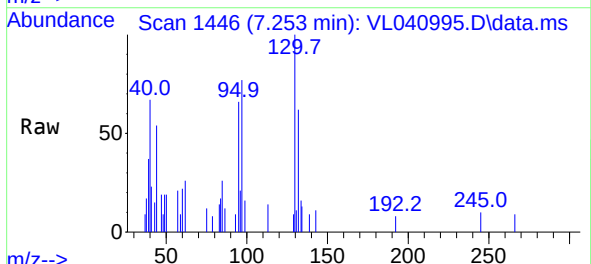
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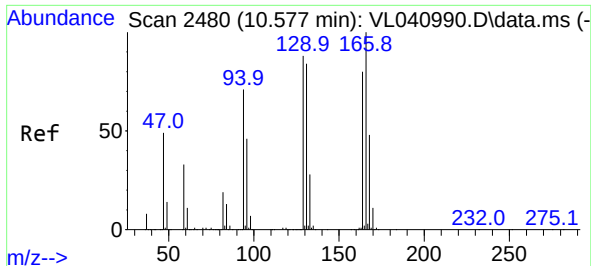
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#38
Trichloroethene
Concen: 0.044 ppbv m
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

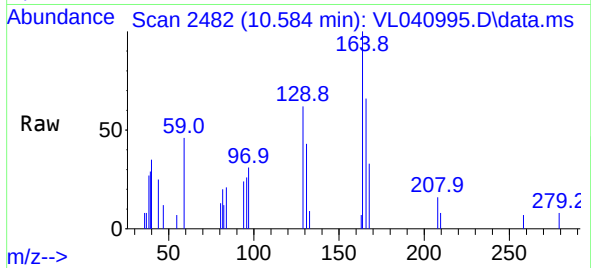
Tgt Ion:130 Resp: 3328
Ion Ratio Lower Upper
130 100
95 66.1 92.9 139.3#
132 62.1 76.2 114.2#
97 76.9 60.3 90.5





#52
Tetrachloroethene
Concen: 0.029 ppbv m
RT: 10.584 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

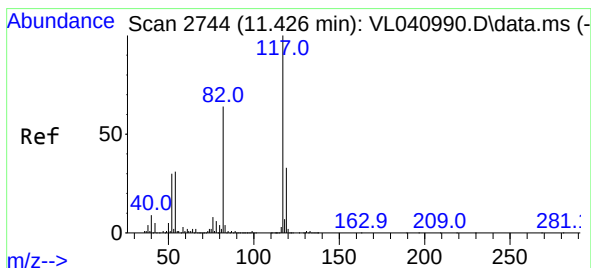
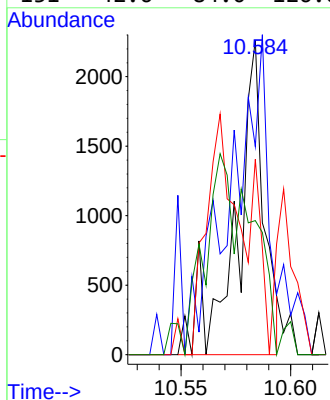
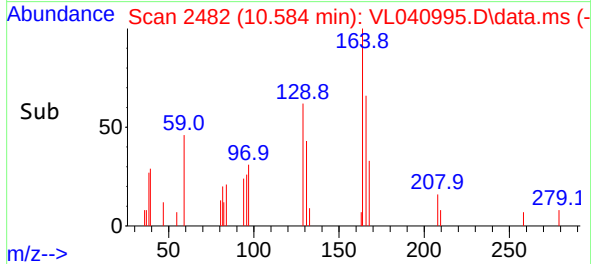
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 1949
Ion Ratio Lower Upper
164 100
166 66.2 100.2 150.2
129 62.1 87.9 131.9
131 42.6 84.0 126.0

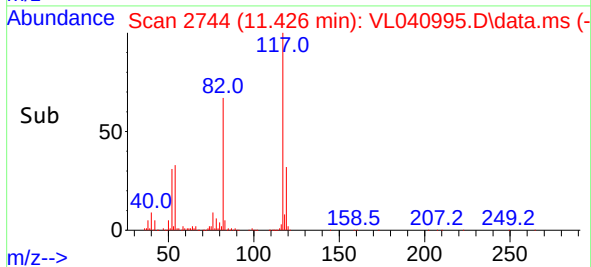
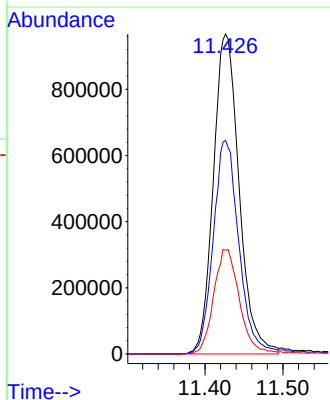
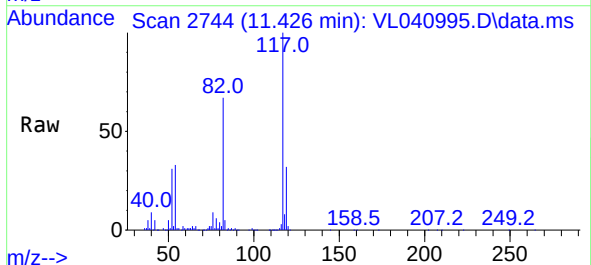
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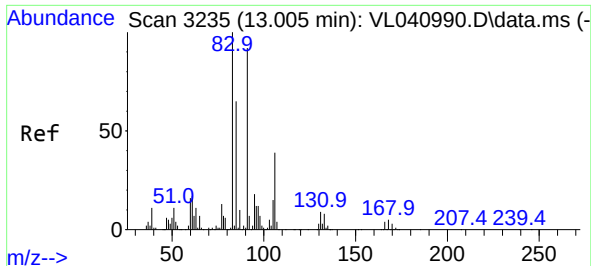
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

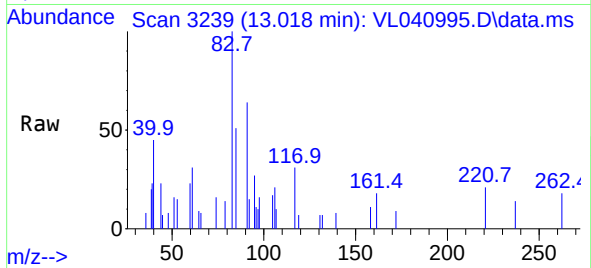
Tgt Ion:117 Resp: 2221989
Ion Ratio Lower Upper
117 100
82 67.7 51.7 77.5
119 32.9 23.8 35.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.018 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53

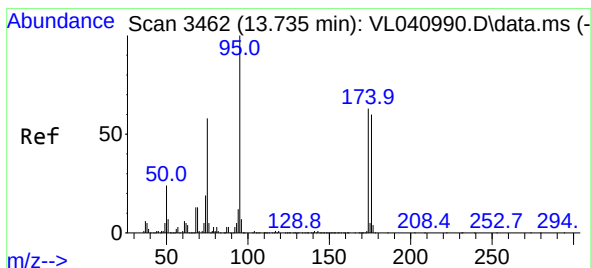
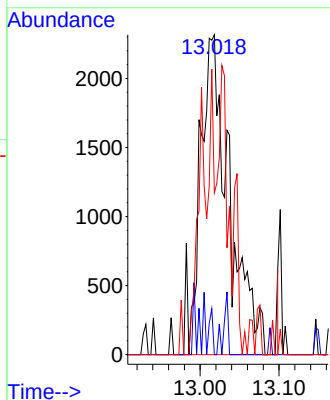
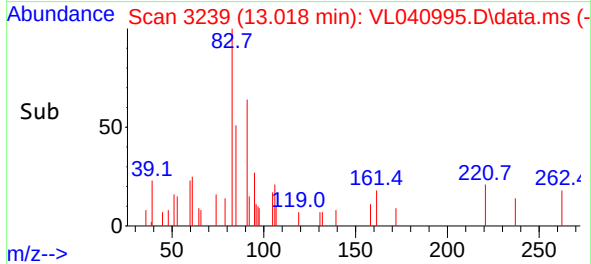
Instrument :
MSVOA_L
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VSTDICC0.03



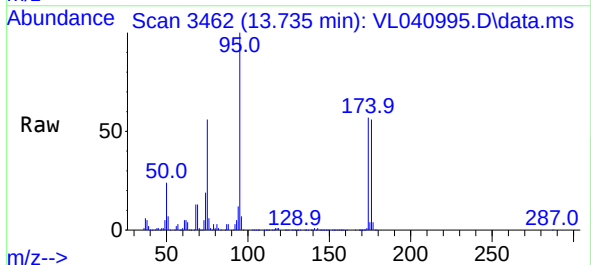
Tgt Ion: 83 Resp: 6070
Ion Ratio Lower Upper
83 100
131 5.9 4.6 13.8
85 0.0 33.0 99.0

Manual Integrations
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Supervised By :Mahesh Dadoda 01/24/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 13.735 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VL040995.D
Acq: 23 Jan 2024 12:53



Tgt Ion: 95 Resp: 1659968
Ion Ratio Lower Upper
95 100
174 60.5 49.1 73.7
175 4.5 3.7 5.5

