

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041183.D
 Acq On : 29 Apr 2024 14:07
 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 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:08:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1020722	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2608461	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2375514	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1821843	10.154	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	6310m	0.105	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	13364m	0.090	ppbv	
35) Carbon Tetrachloride	6.491	117	12763m	0.086	ppbv	
38) Trichloroethene	7.298	130	8317m	0.100	ppbv	
52) Tetrachloroethene	10.613	164	7331m	0.095	ppbv	
54) 1,2-Dibromoethane	10.002	107	11078m	0.097	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	15983m	0.091	ppbv	
79) Naphthalene	21.397	128	19091m	0.069	ppbv	

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

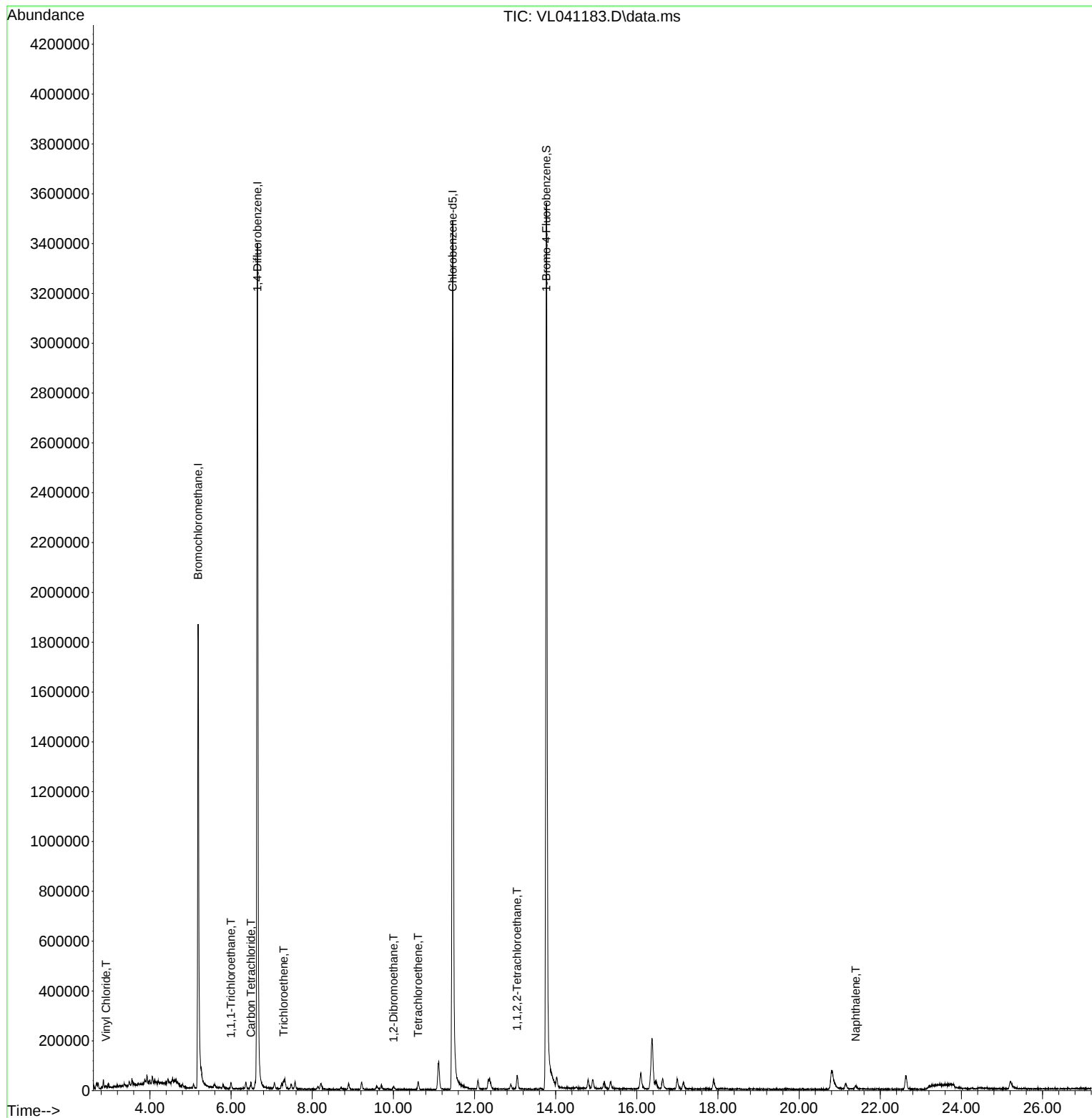
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
Data File : VL041183.D
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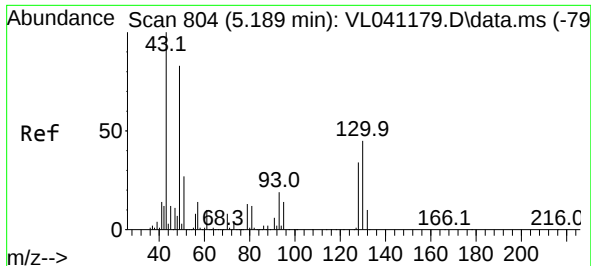
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Apr 30 05:08:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Apr 30 05:04:57 2024
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Manual Integrations
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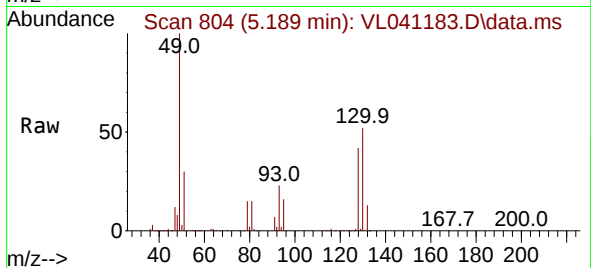
Reviewed By : Semsettin Yesilyurt 04/30/2024
Supervised By : Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

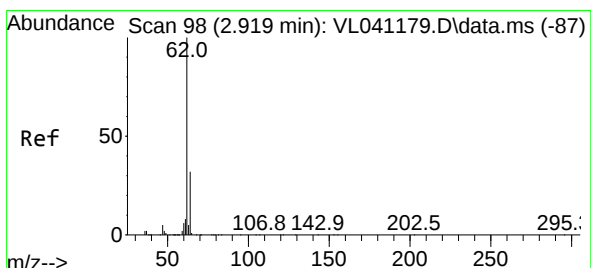
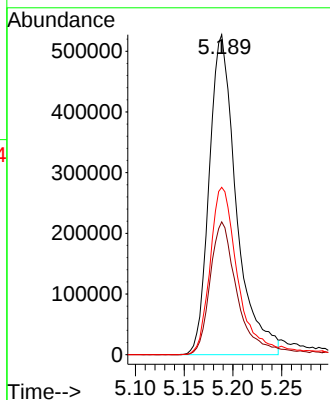
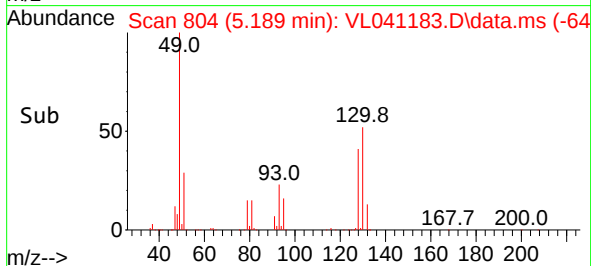
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 49 Resp: 102072
Ion Ratio Lower Upper
49 100
128 43.4 21.5 64.5
130 56.7 27.2 81.6

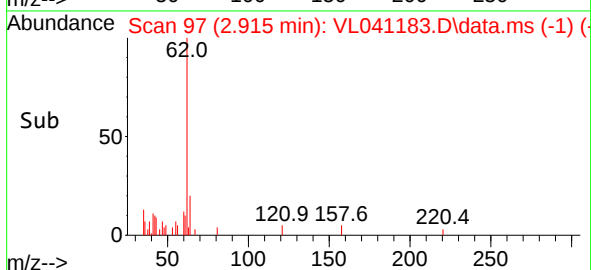
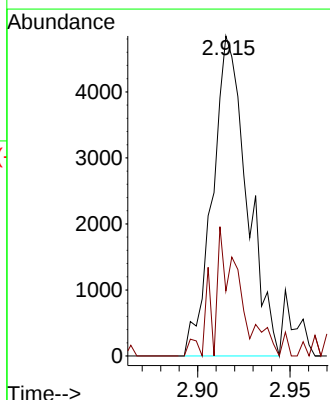
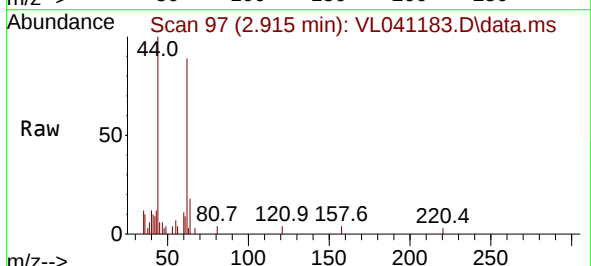
Manual Integrations
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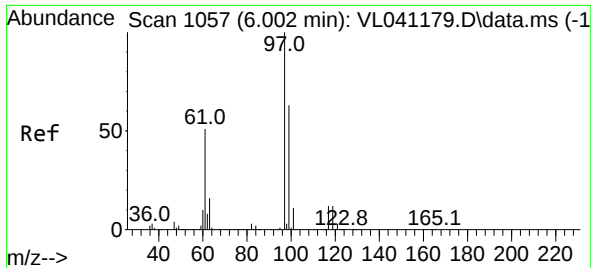
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#5
Vinyl Chloride
Concen: 0.105 ppbv m
RT: 2.915 min Scan# 97
Delta R.T. -0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

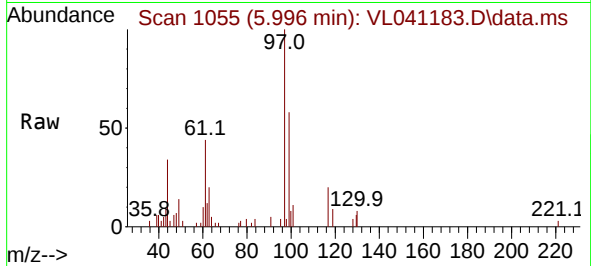
Tgt Ion: 62 Resp: 6310
Ion Ratio Lower Upper
62 100
64 20.3 25.7 38.5





#32
1,1,1-Trichloroethane
Concen: 0.090 ppbv m
RT: 5.996 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

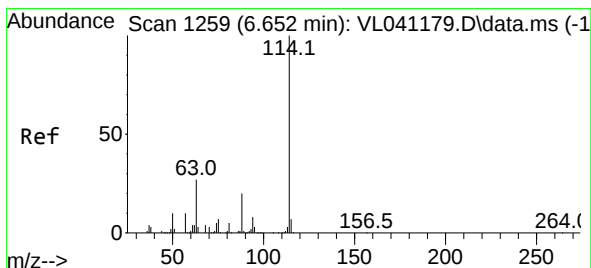
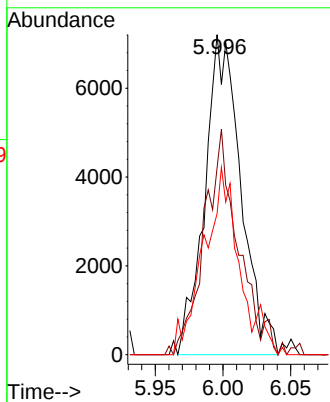
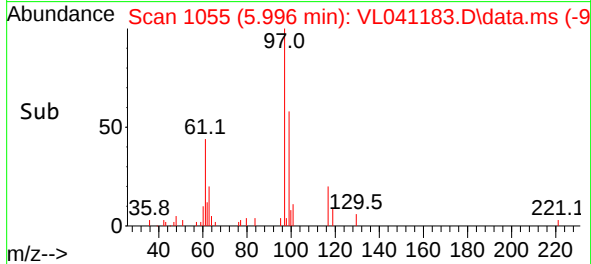
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



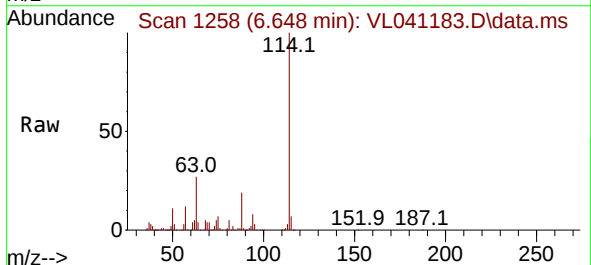
Tgt Ion: 97 Resp: 13364
Ion Ratio Lower Upper
97 100
99 67.3 51.7 77.5
61 57.9 41.1 61.7

Manual Integrations
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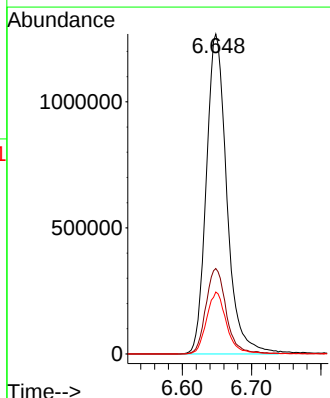
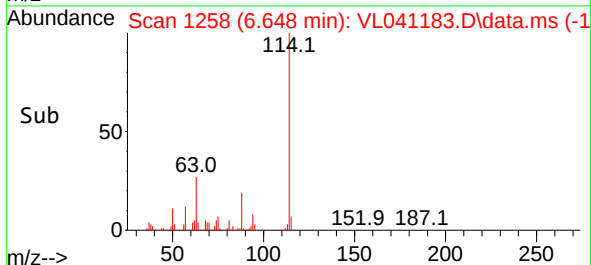
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

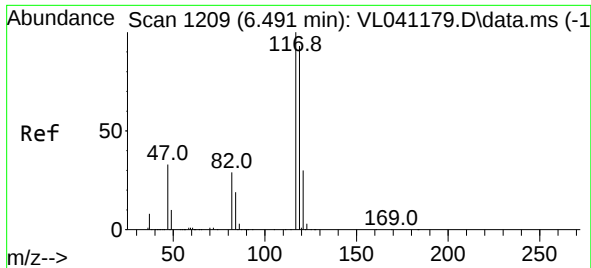


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07



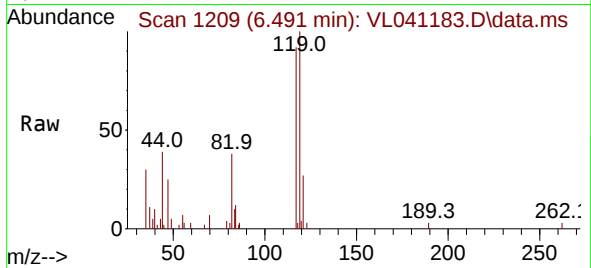
Tgt Ion:114 Resp: 2608461
Ion Ratio Lower Upper
114 100
63 26.8 21.8 32.6
88 18.9 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.086 ppbv m
RT: 6.491 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

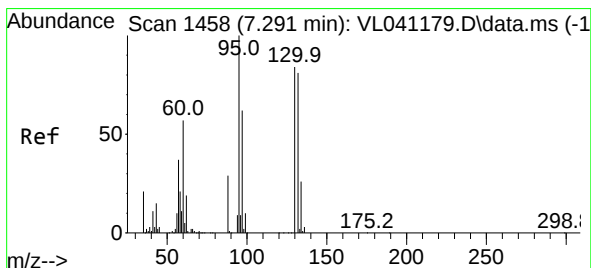
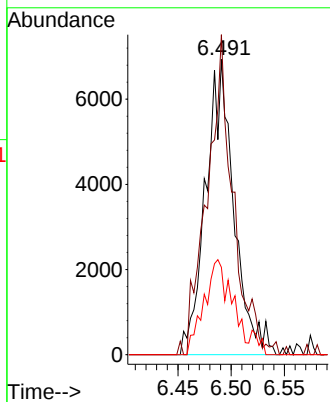
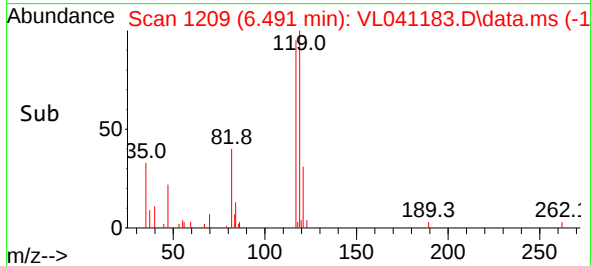
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



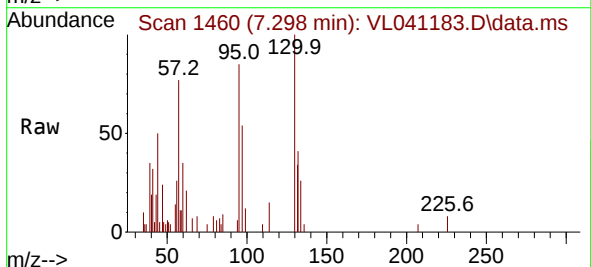
Tgt Ion:117 Resp: 1276
Ion Ratio Lower Upper
117 100
119 108.4 74.3 111.5
121 29.6 23.8 35.8

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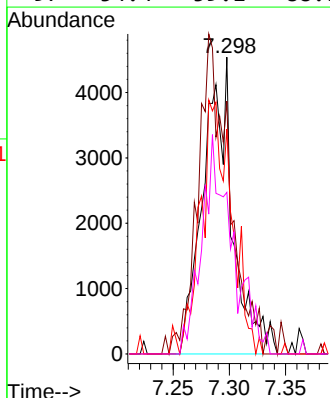
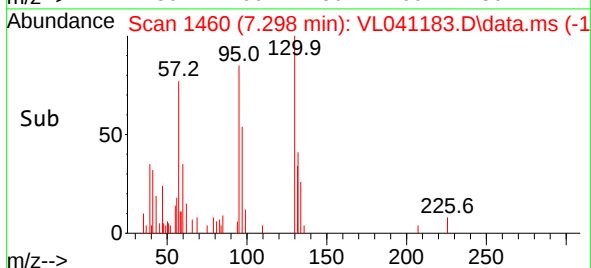
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

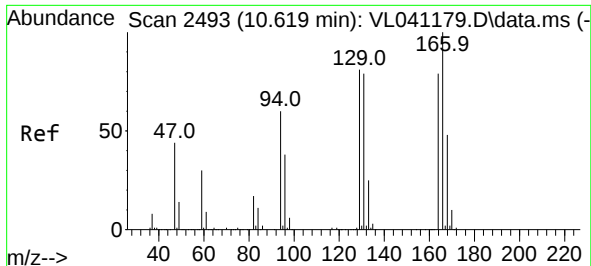


#38
Trichloroethene
Concen: 0.100 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07



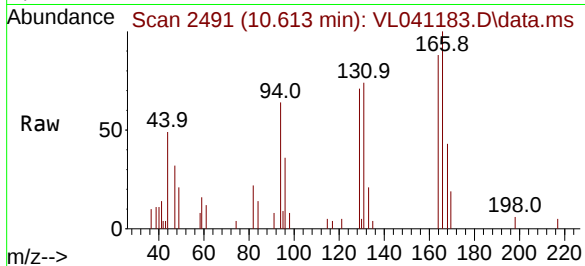
Tgt Ion:130 Resp: 8317
Ion Ratio Lower Upper
130 100
95 85.2 95.0 142.6#
132 41.5 77.0 115.4#
97 54.4 59.1 88.7#





#52
Tetrachloroethene
Concen: 0.095 ppbv m
RT: 10.613 min Scan# 2493
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

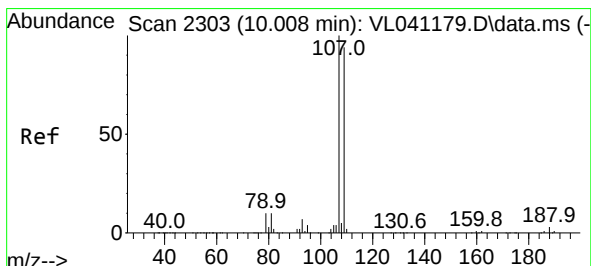
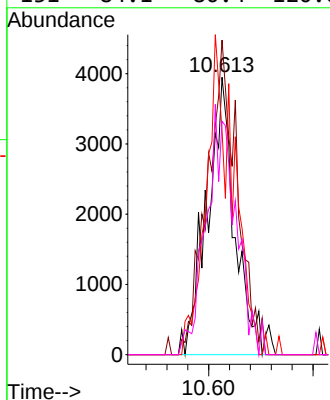
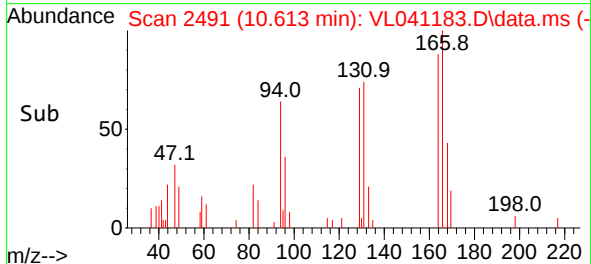
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:164 Resp: 733
Ion Ratio Lower Upper
164 100
166 113.4 101.1 151.7
129 80.8 81.7 122.5
131 84.1 80.4 120.6

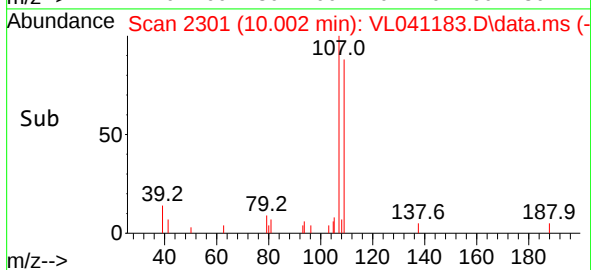
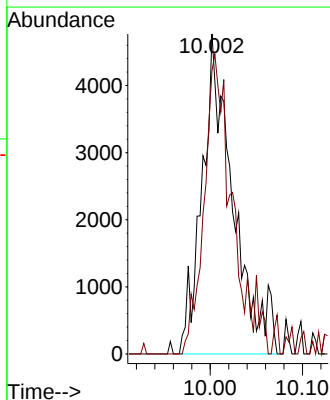
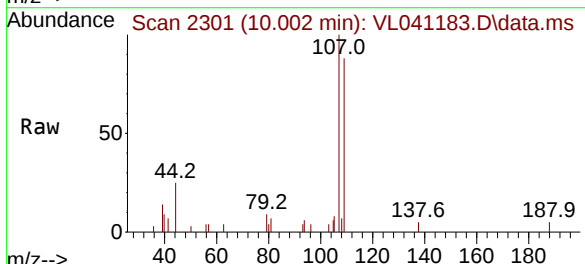
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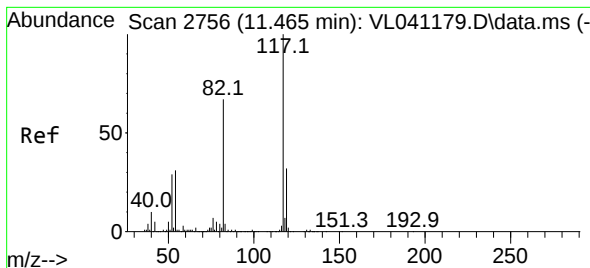
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#54
1,2-Dibromoethane
Concen: 0.097 ppbv m
RT: 10.002 min Scan# 2301
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

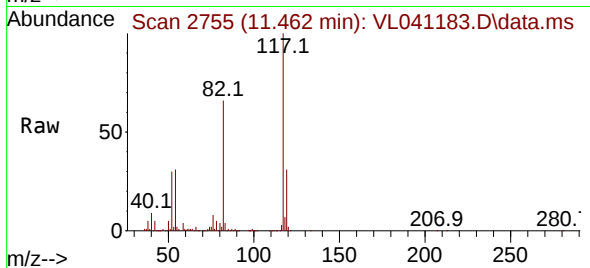
Tgt Ion:107 Resp: 11078
Ion Ratio Lower Upper
107 100
109 88.4 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

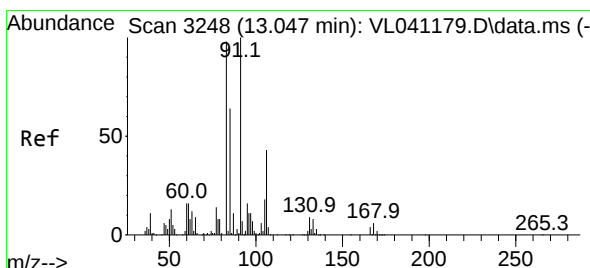
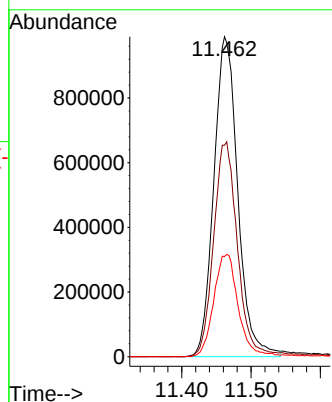
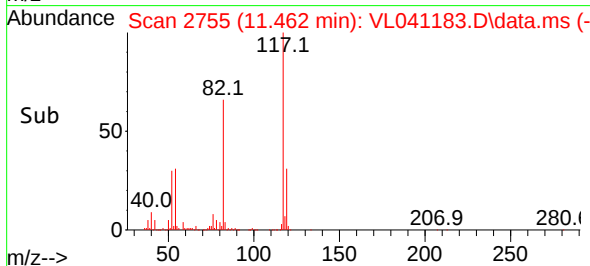
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 2375514
Ion Ratio Lower Upper
117 100
82 68.1 53.6 80.4
119 33.4 27.2 40.8

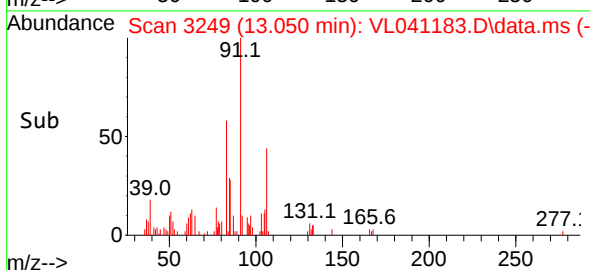
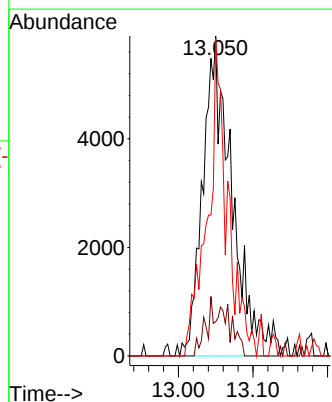
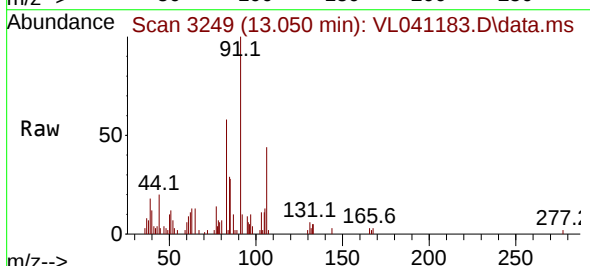
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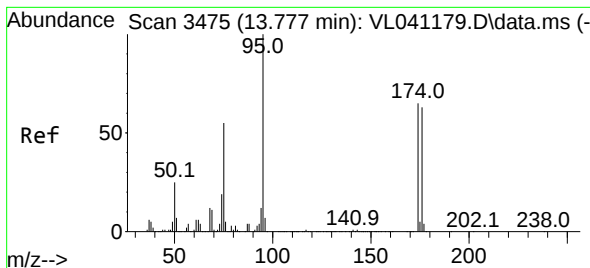
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.091 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. 0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion: 83 Resp: 15983
Ion Ratio Lower Upper
83 100
131 13.3 4.5 13.5
85 68.2 32.7 98.1





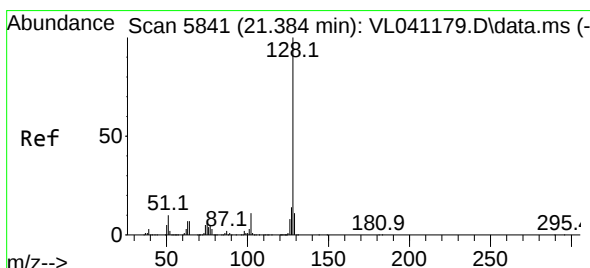
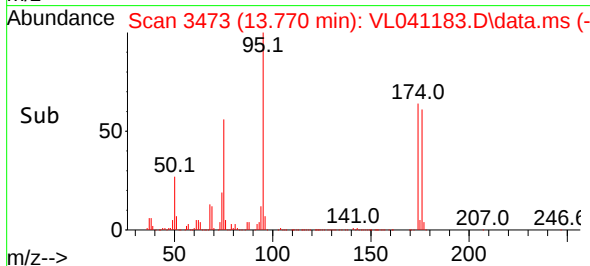
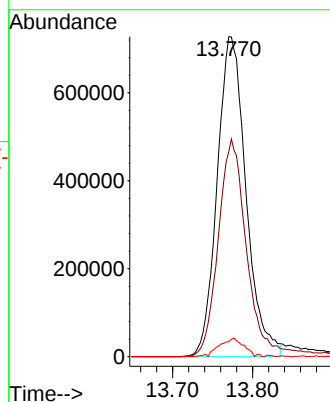
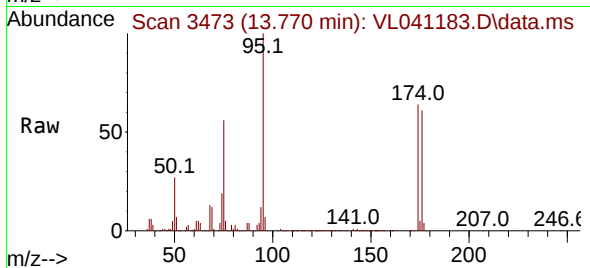
#68
1-Bromo-4-Fluorobenzene
Concen: 10.154 ppbv
RT: 13.770 min Scan# 3475
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 182184
Ion Ratio Lower Upper
95 100
174 69.4 53.6 80.4
175 5.0 4.2 6.4

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/30/2024



#79
Naphthalene
Concen: 0.069 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.013 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion:128 Resp: 19091
Ion Ratio Lower Upper
128 100
127 6.6 10.8 16.2#
129 7.7 8.9 13.3#

