

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040459.D
 Acq On : 5 Jun 2023 16:44
 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 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1012435	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2573105	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2236452	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1846880	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.906	62	5796m	0.088	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	16112m	0.091	ppbv	
35) Carbon Tetrachloride	6.484	117	15447m	0.087	ppbv	
38) Trichloroethene	7.294	130	6709m	0.085	ppbv	
52) Tetrachloroethene	10.629	164	5602m	0.087	ppbv	
54) 1,2-Dibromoethane	10.018	107	8493m	0.075	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	13490m	0.087	ppbv	
79) Naphthalene	21.413	128	6934m	0.044	ppbv	

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

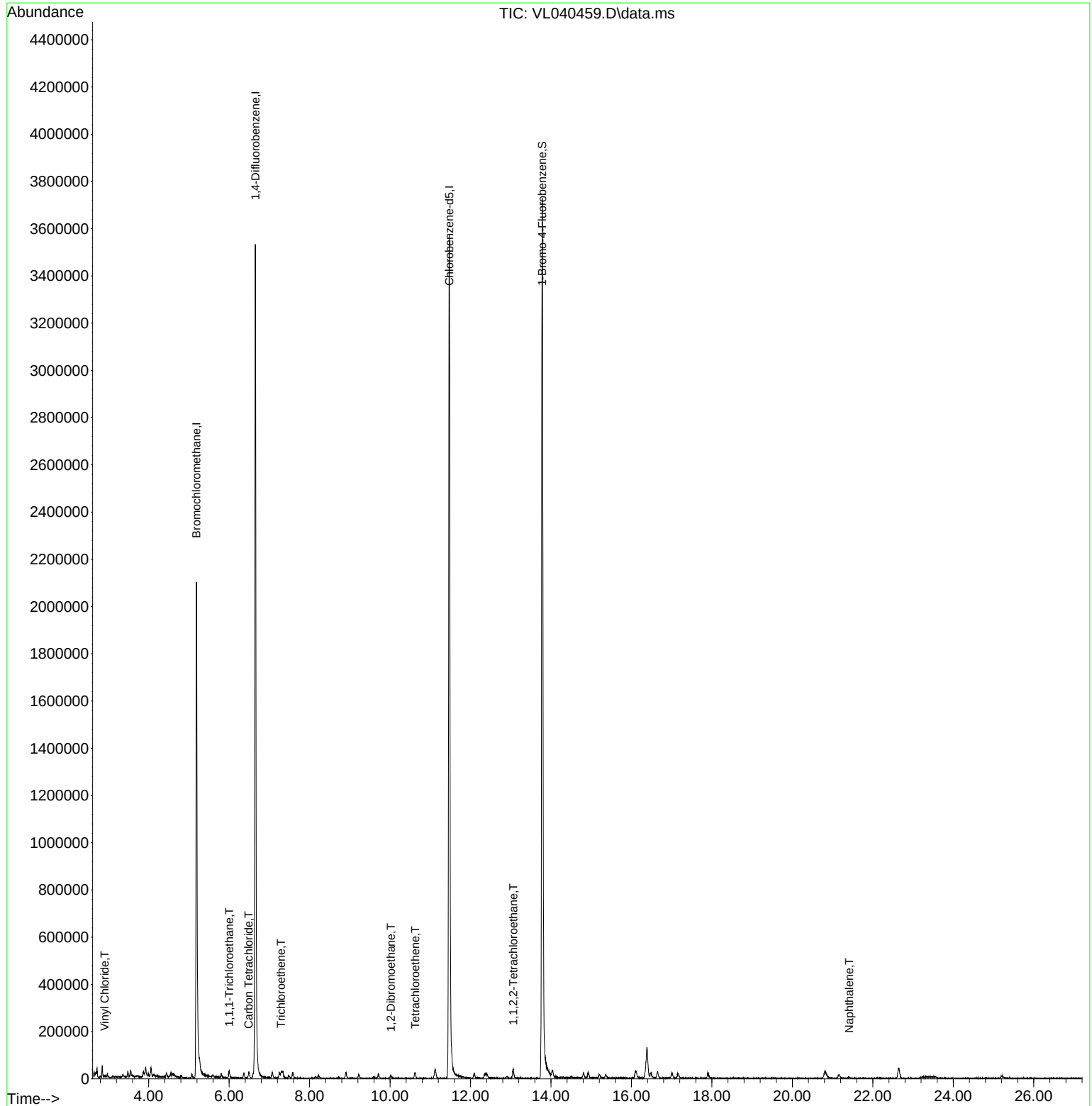
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
Data File : VL040459.D
Acq On : 5 Jun 2023 16:44
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

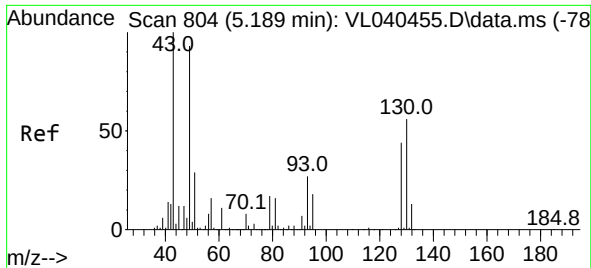
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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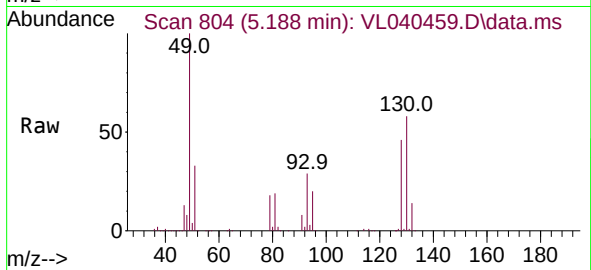
Quant Time: Jun 06 05:59:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 05:55:55 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.001 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

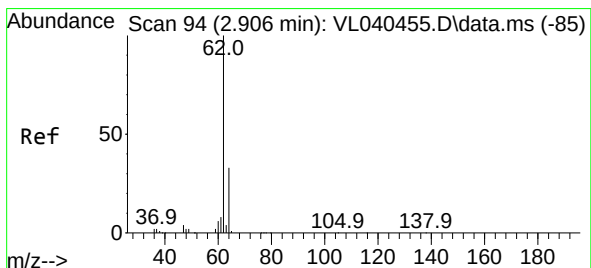
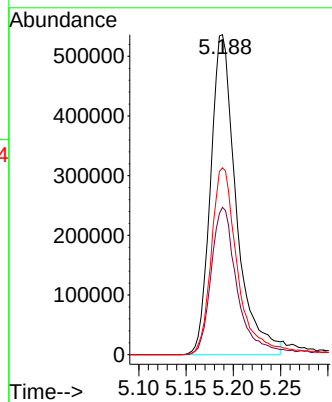
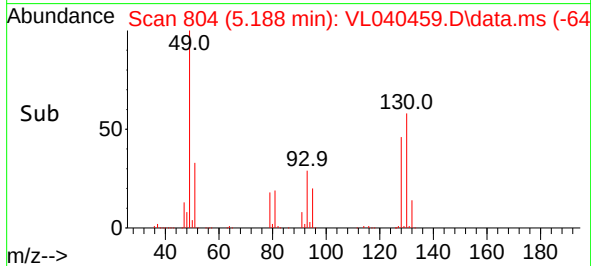
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 49 Resp: 101243
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 62.7 31.4 94.2

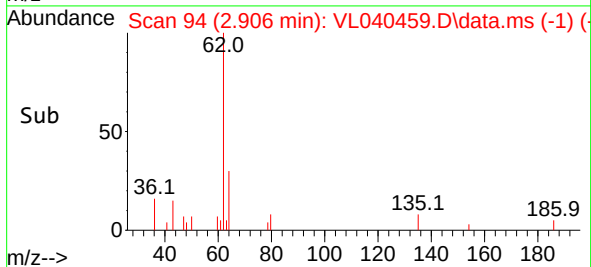
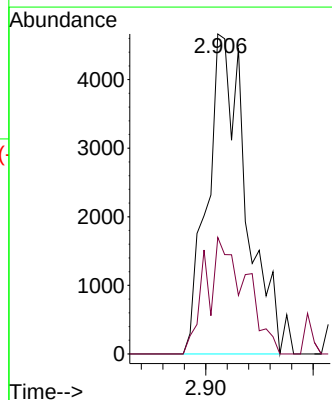
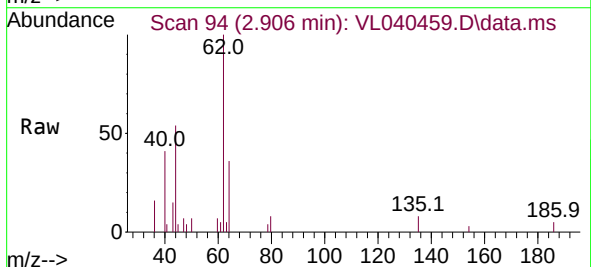
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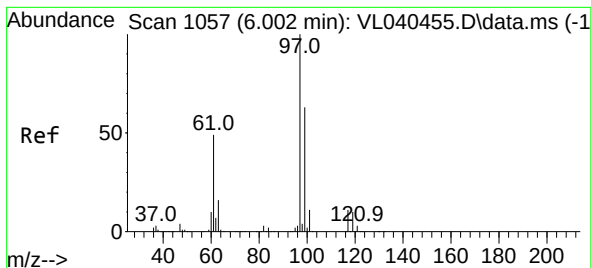
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#5
Vinyl Chloride
Concen: 0.088 ppbv m
RT: 2.906 min Scan# 94
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 62 Resp: 5796
Ion Ratio Lower Upper
62 100
64 36.4 26.8 40.2





#32

1,1,1-Trichloroethane

Concen: 0.091 ppbv

RT: 6.002 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

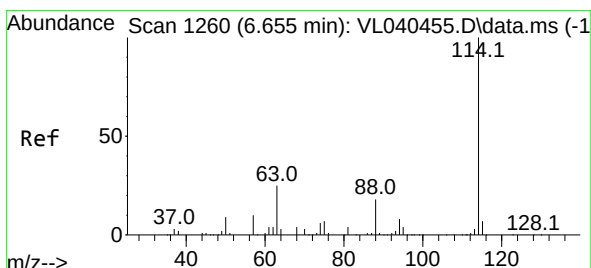
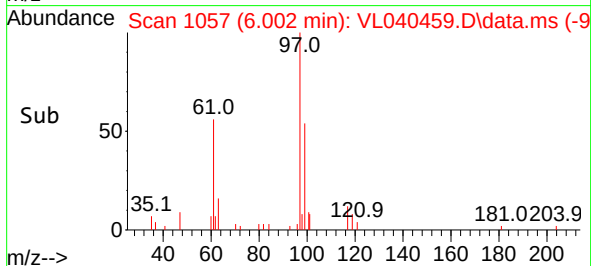
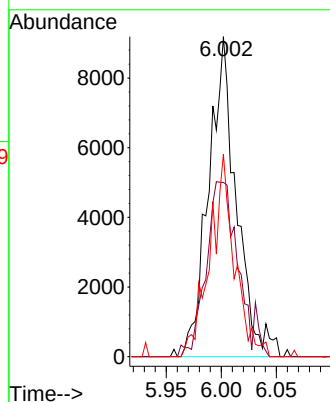
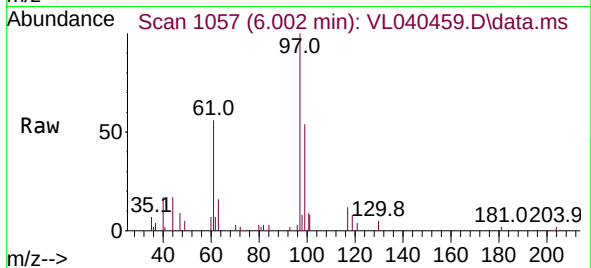
Tgt Ion:	97	Resp:	1611
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3
61	56.1	39.7	59.5

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Supervised By :Mahesh Dadoda 06/06/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

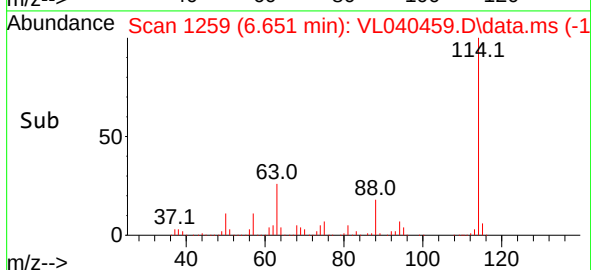
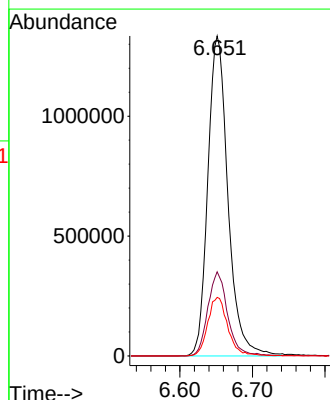
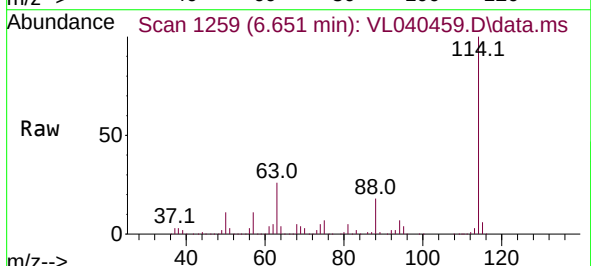
RT: 6.651 min Scan# 1259

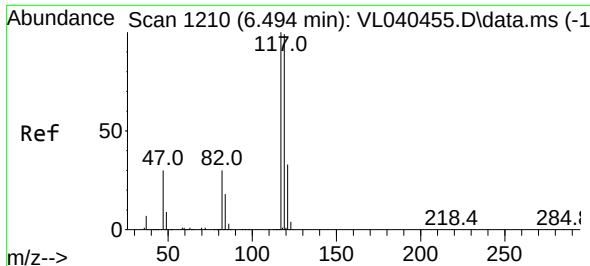
Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

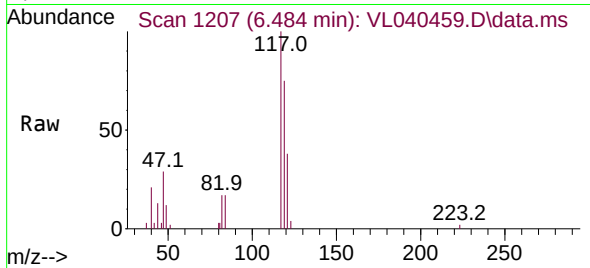
Tgt Ion:	114	Resp:	2573105
Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.0	31.6
88	18.4	14.5	21.7





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 6.484 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

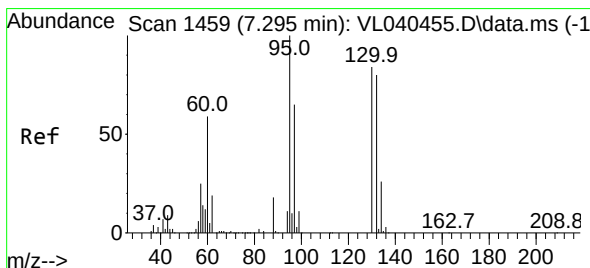
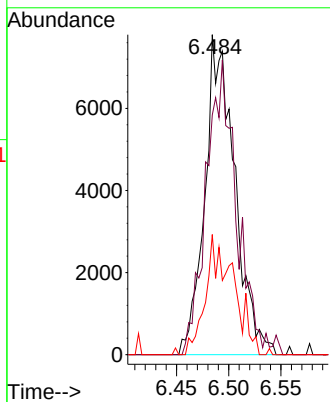
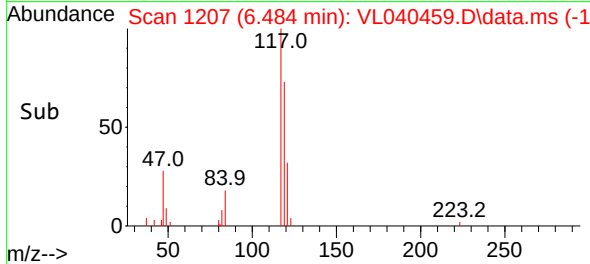
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 1544
Ion Ratio Lower Upper
117 100
119 74.9 79.1 118.7
121 37.6 26.0 39.0

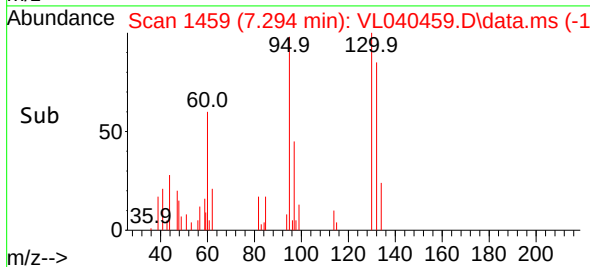
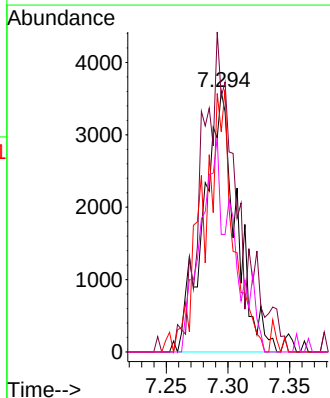
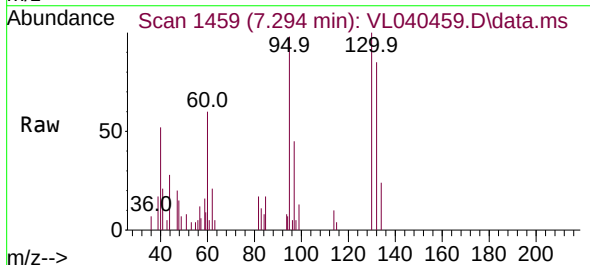
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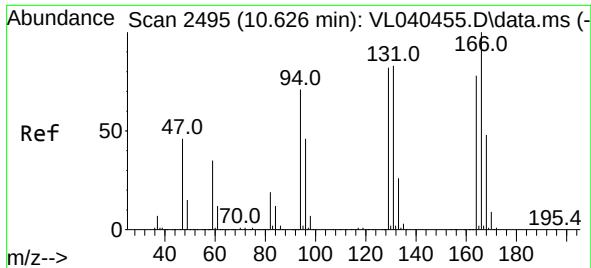
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Trichloroethene
Concen: 0.085 ppbv m
RT: 7.294 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

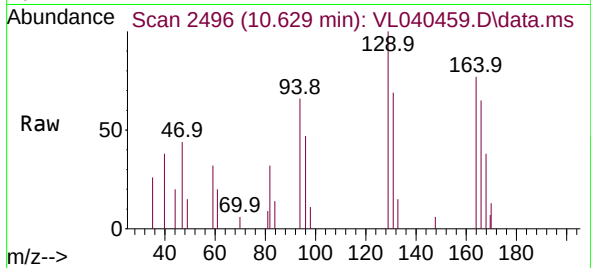
Tgt Ion:130 Resp: 6709
Ion Ratio Lower Upper
130 100
95 97.9 95.4 143.0
132 84.6 76.3 114.5
97 45.2 61.8 92.6#





#52
Tetrachloroethene
Concen: 0.087 ppbv m
RT: 10.629 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

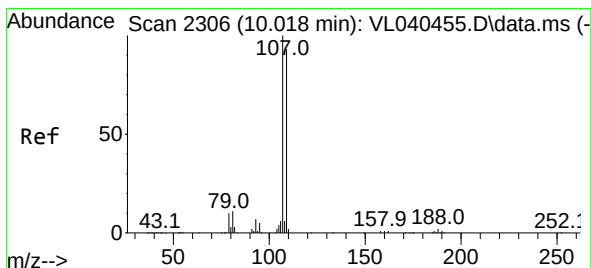
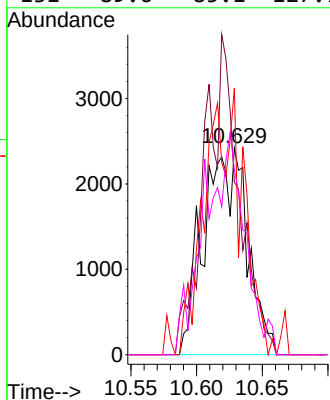
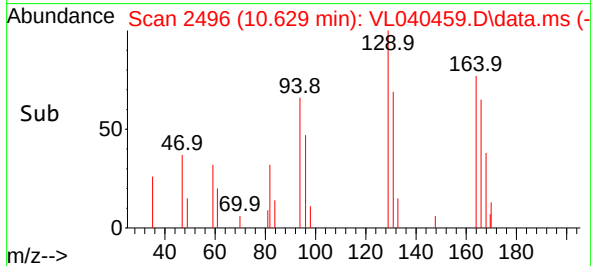
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:164 Resp: 5602
Ion Ratio Lower Upper
164 100
166 83.5 102.7 154.1
129 129.1 84.6 126.8
131 89.6 85.1 127.7

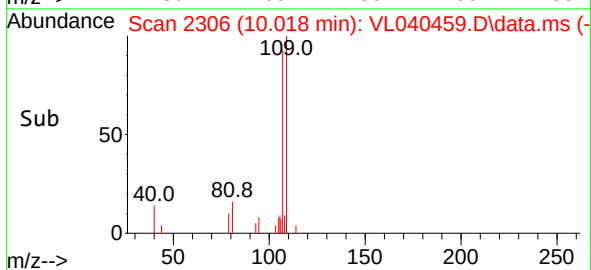
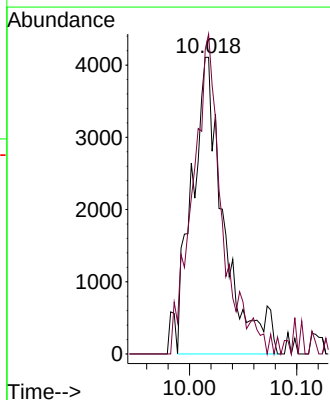
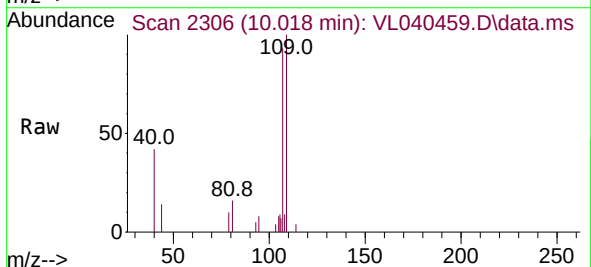
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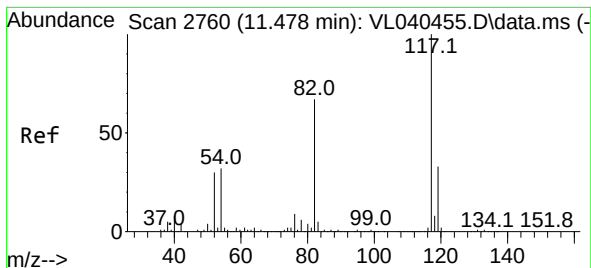
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#54
1,2-Dibromoethane
Concen: 0.075 ppbv m
RT: 10.018 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion:107 Resp: 8493
Ion Ratio Lower Upper
107 100
109 107.9 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL040459.D

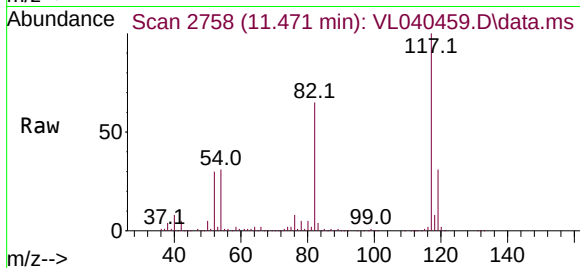
Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:117 Resp: 223645

Ion Ratio Lower Upper

117 100

82 67.8 53.0 79.4

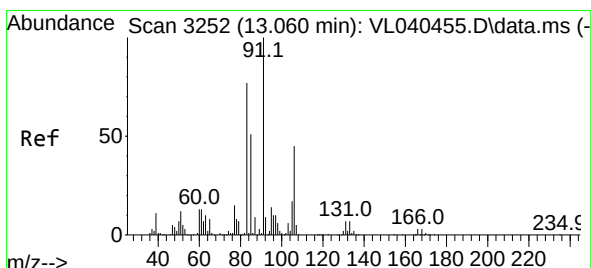
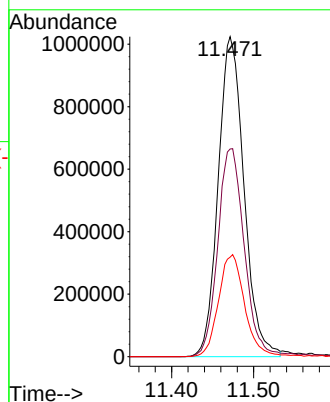
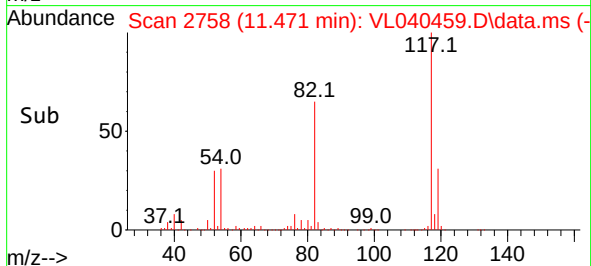
119 32.6 24.4 36.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#63

1,1,2,2-Tetrachloroethane

Concen: 0.087 ppbv m

RT: 13.063 min Scan# 3253

Delta R.T. 0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

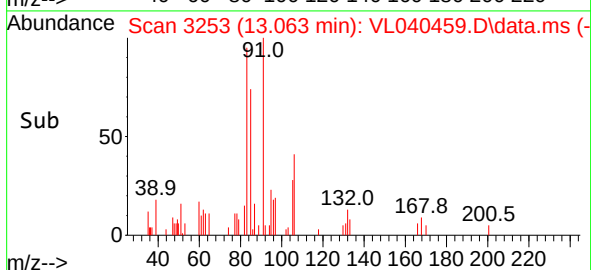
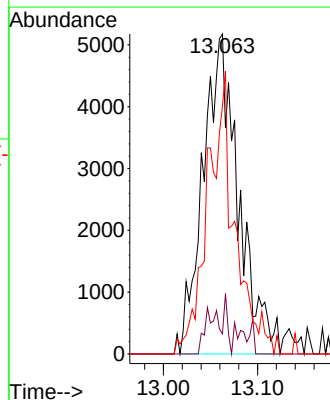
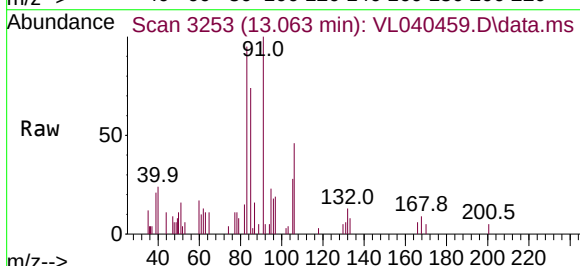
Tgt Ion: 83 Resp: 13490

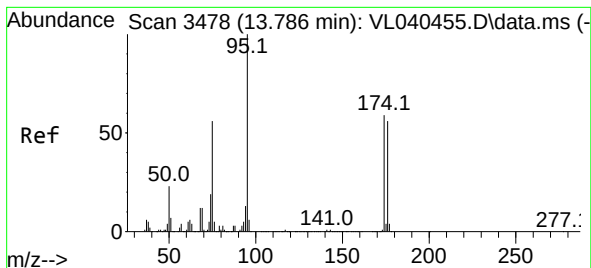
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

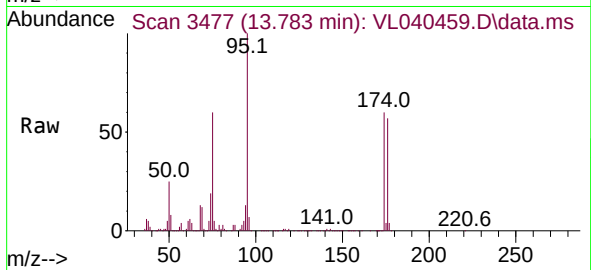
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 13.783 min Scan# 3478
Delta R.T. -0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

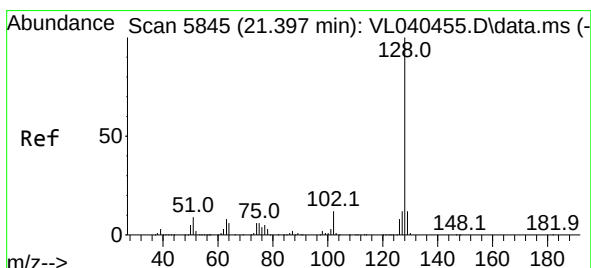
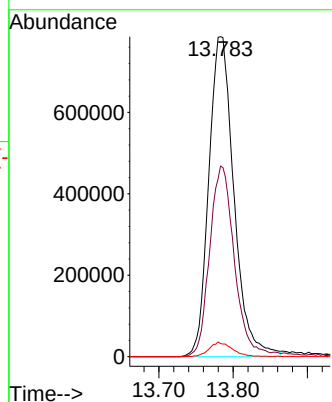
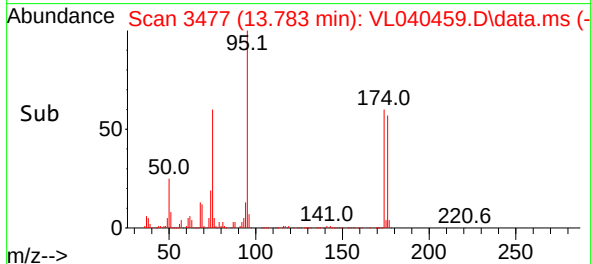
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



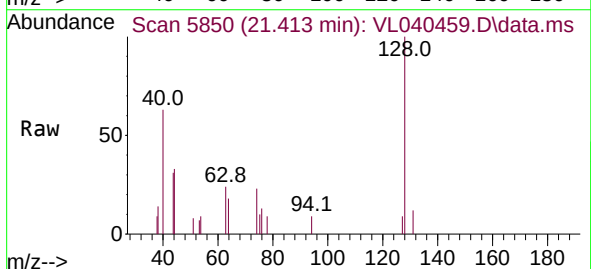
Tgt Ion: 95 Resp: 1846880
Ion Ratio Lower Upper
95 100
174 60.2 47.7 71.5
175 4.3 3.5 5.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#79
Naphthalene
Concen: 0.044 ppbv m
RT: 21.413 min Scan# 5850
Delta R.T. 0.016 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44



Tgt Ion:128 Resp: 6934
Ion Ratio Lower Upper
128 100
127 9.2 9.9 14.9#
129 0.0 9.2 13.8#

