

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039631.D
 Acq On : 19 Sep 2022 11:40
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 19 12:55:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1142705	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2985408	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2742864	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2036055	9.839	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
5) Vinyl Chloride	2.948	62	6255m	0.095	ppbv	Qvalue
32) 1,1,1-Trichloroethane	6.021	97	12539m	0.082	ppbv	
35) Carbon Tetrachloride	6.507	117	12370m	0.077	ppbv	
38) Trichloroethene	7.295	130	10636m	0.087	ppbv	
52) Tetrachloroethene	10.629	164	7564m	0.088	ppbv	
54) 1,2-Dibromoethane	10.018	107	7616m	0.070	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	9112m	0.071	ppbv	
79) Naphthalene	21.423	128	10540m	0.046	ppbv	

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

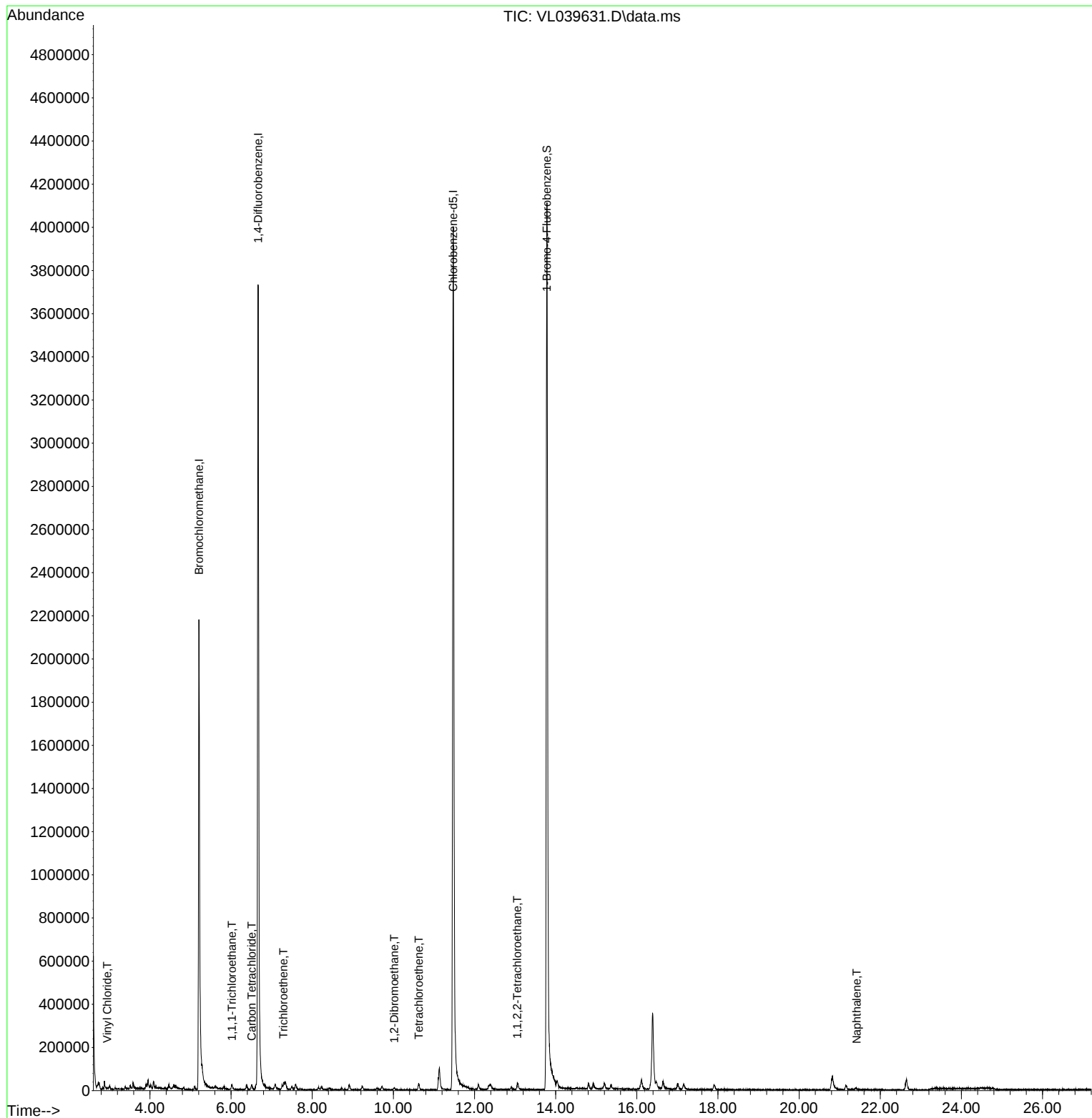
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
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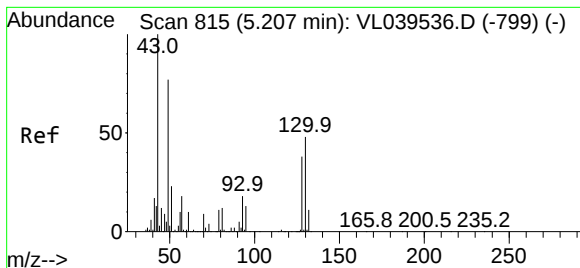
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Sep 19 12:55:04 2022
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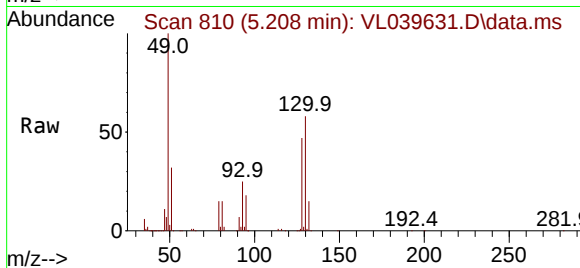
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

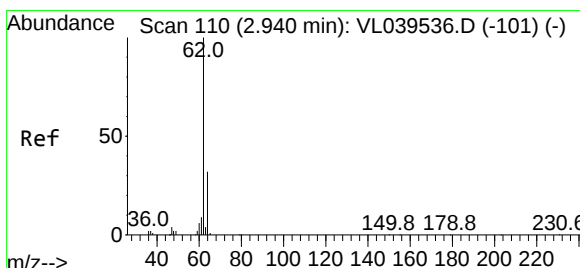
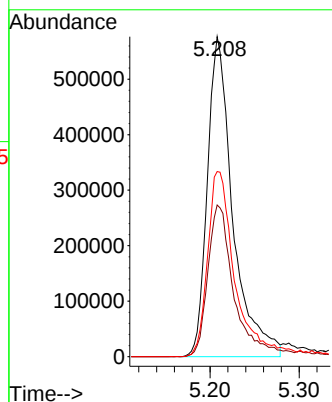
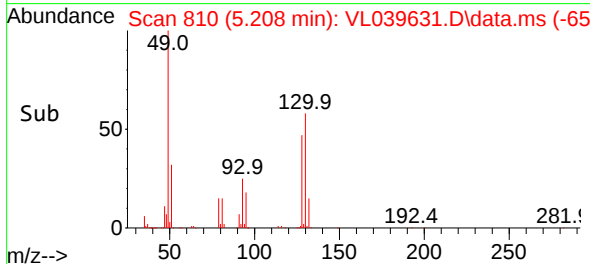
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 114270
Ion Ratio Lower Upper
49 100
128 51.2 26.7 80.0
130 65.9 34.3 102.8

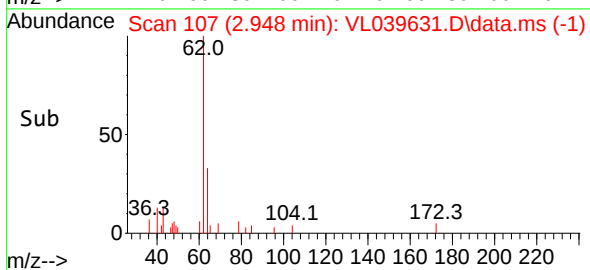
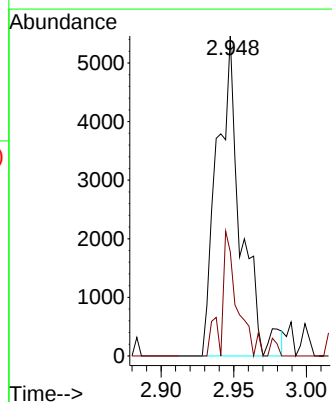
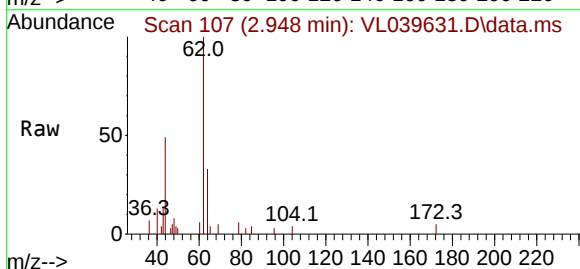
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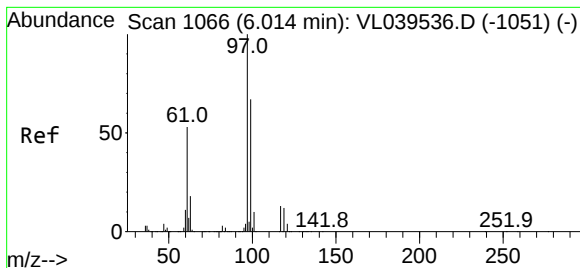
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#5
Vinyl Chloride
Concen: 0.095 ppbv m
RT: 2.948 min Scan# 107
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 62 Resp: 6255
Ion Ratio Lower Upper
62 100
64 32.5 24.6 36.8





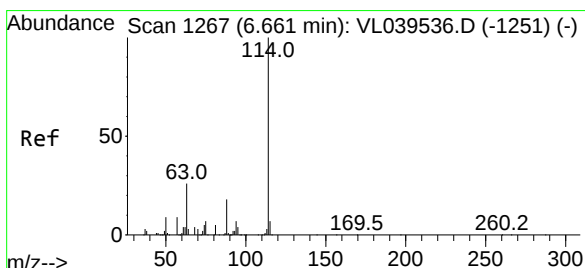
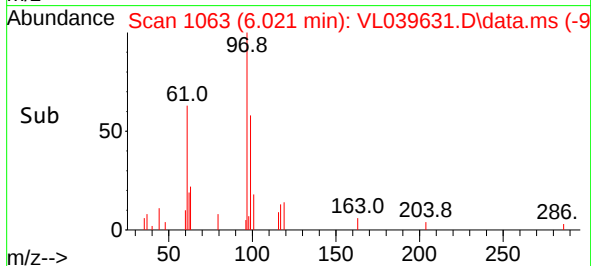
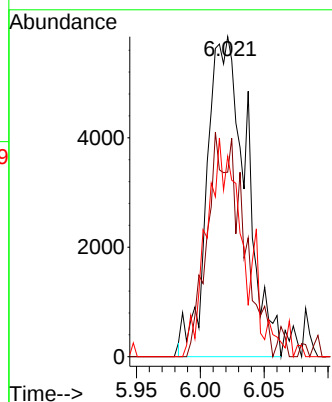
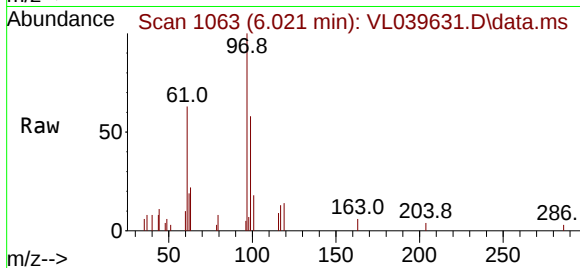
#32
1,1,1-Trichloroethane
Concen: 0.082 ppbv m
RT: 6.021 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 12539
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 66.3 40.9 61.3

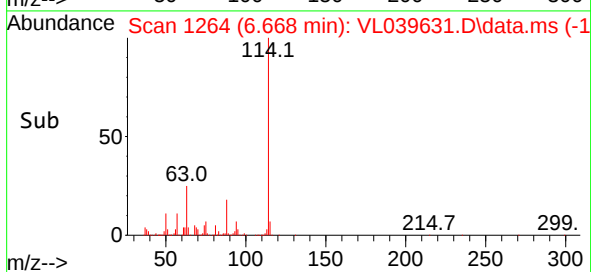
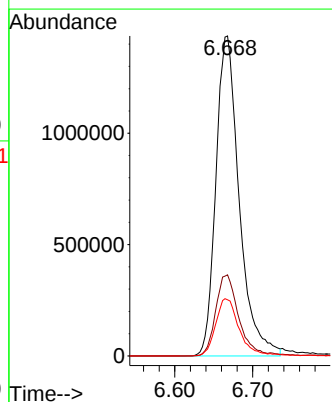
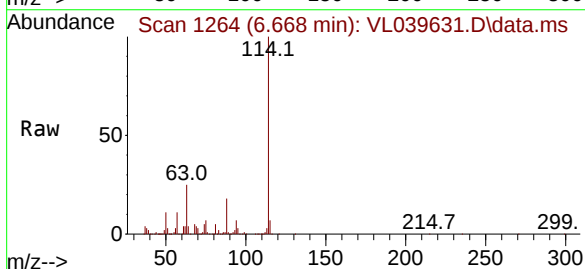
Manual Integrations
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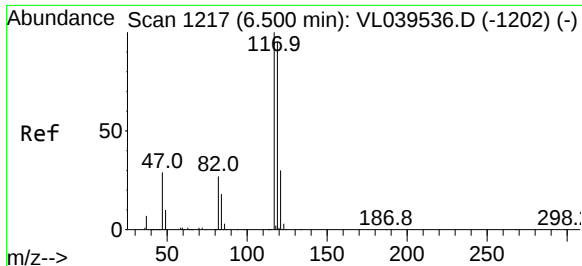
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

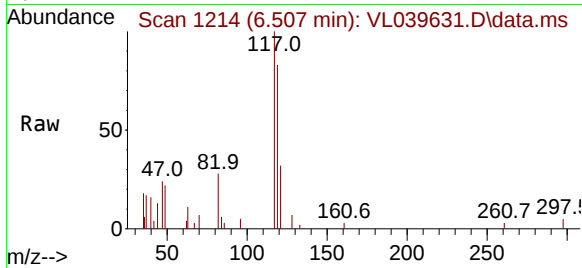
Tgt Ion:114 Resp: 2985408
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.4 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 6.507 min Scan# 117
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

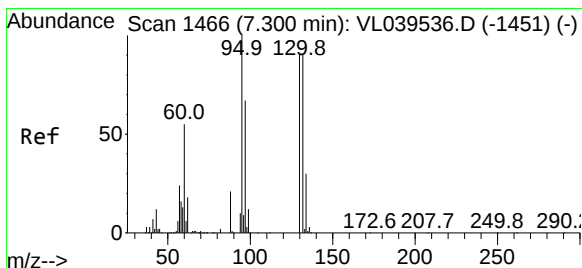
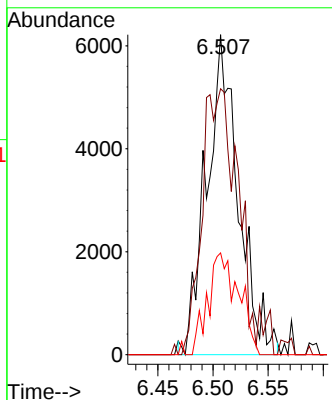
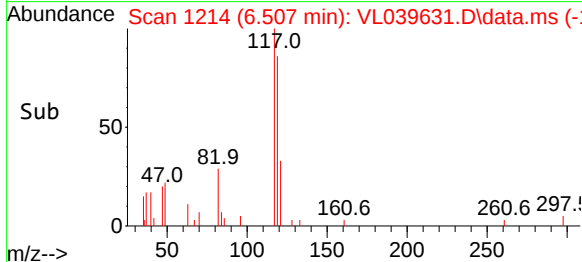
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



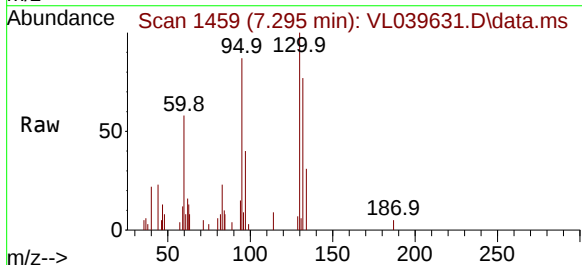
Tgt Ion:117 Resp: 12370
Ion Ratio Lower Upper
117 100
119 83.1 75.4 113.2
121 31.8 24.2 36.2

Manual Integrations
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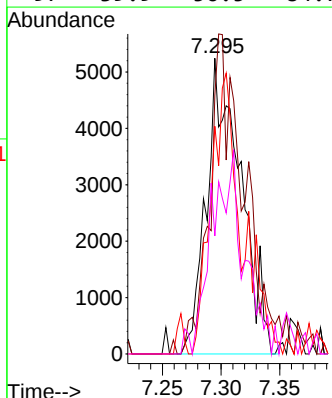
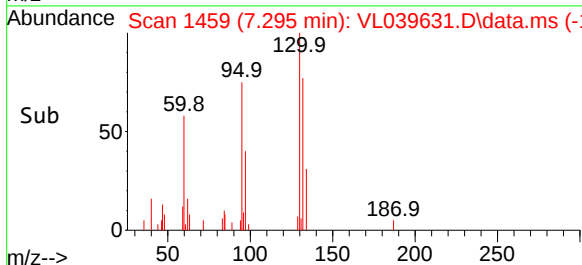
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

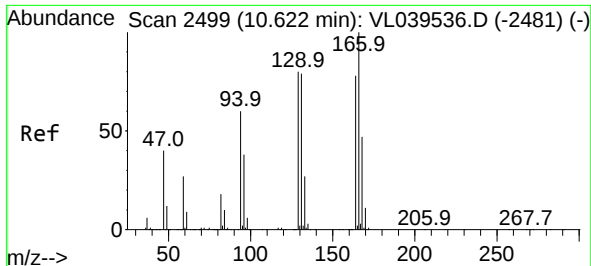


#38
Trichloroethene
Concen: 0.087 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40



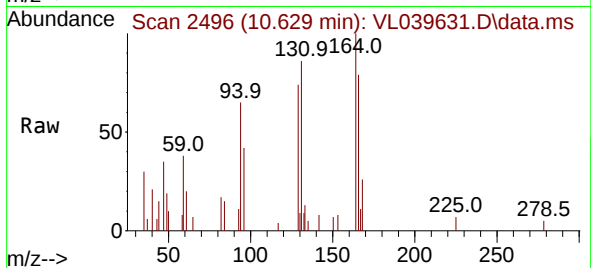
Tgt Ion:130 Resp: 10636
Ion Ratio Lower Upper
130 100
95 87.4 87.3 130.9
132 77.0 76.7 115.1
97 39.9 56.5 84.7#





#52
Tetrachloroethene
Concen: 0.088 ppbv m
RT: 10.629 min Scan# 2499
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

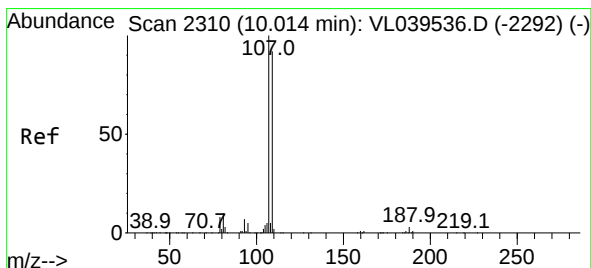
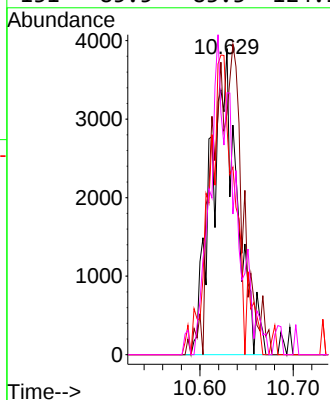
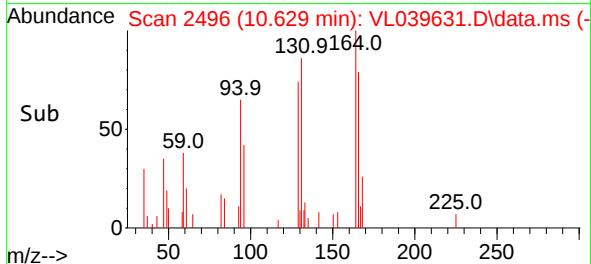
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



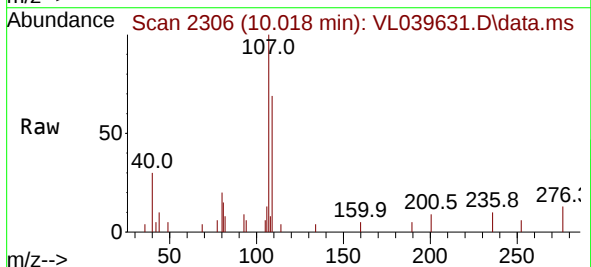
Tgt Ion:164 Resp: 7564
Ion Ratio Lower Upper
164 100
166 78.8 102.2 153.2
129 74.3 85.8 128.8
131 85.5 83.3 124.9

Manual Integrations
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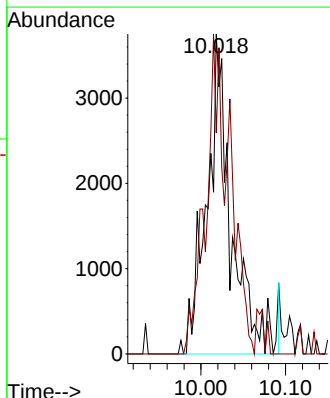
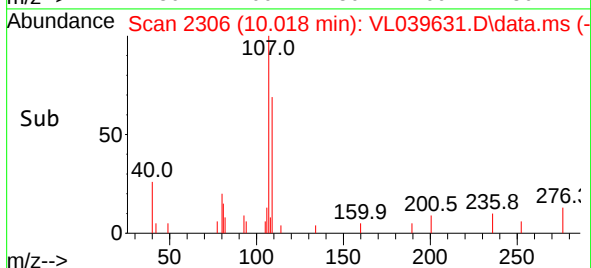
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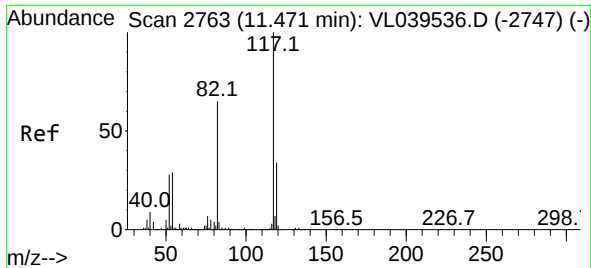


#54
1,2-Dibromoethane
Concen: 0.070 ppbv m
RT: 10.018 min Scan# 2306
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40



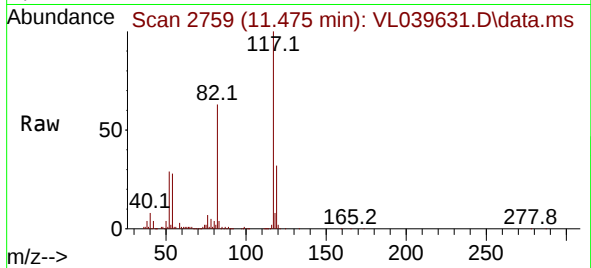
Tgt Ion:107 Resp: 7616
Ion Ratio Lower Upper
107 100
109 69.1 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

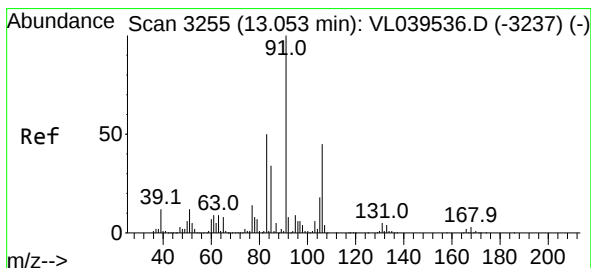
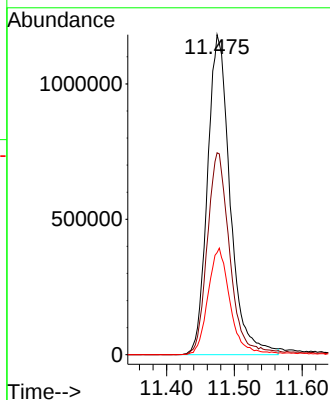
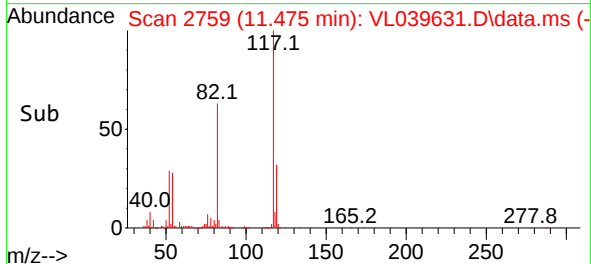
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



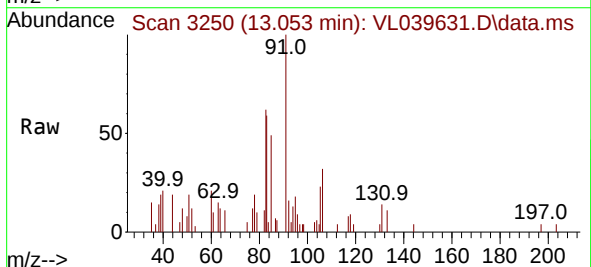
Tgt Ion: 117 Resp: 2742864
Ion Ratio Lower Upper
117 100
82 64.7 50.8 76.2
119 33.6 24.1 36.1

Manual Integrations
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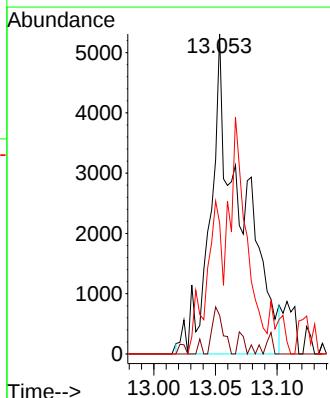
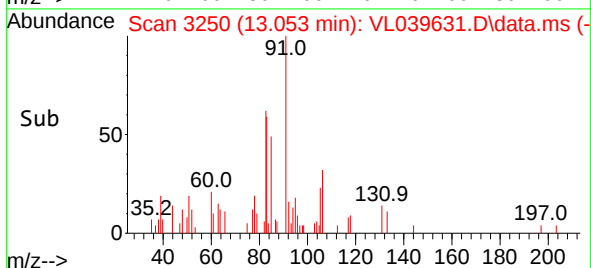
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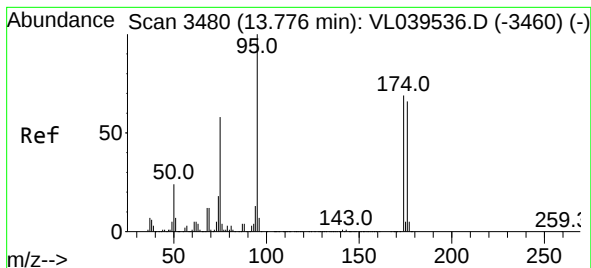


#63
1,1,2,2-Tetrachloroethane
Concen: 0.071 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. 0.001 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40



Tgt Ion: 83 Resp: 9112
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 0.0 33.1 99.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.839 ppbv

RT: 13.786 min Scan# 3480

Delta R.T. 0.010 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion: 95 Resp: 203605

Ion Ratio Lower Upper

95 100

174 73.6 55.9 83.9

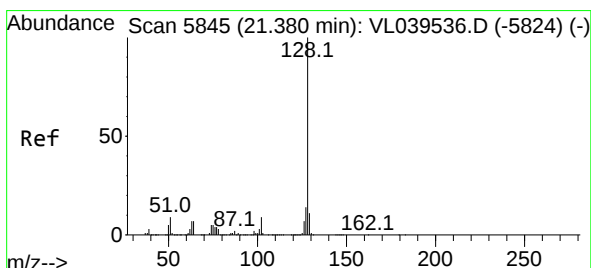
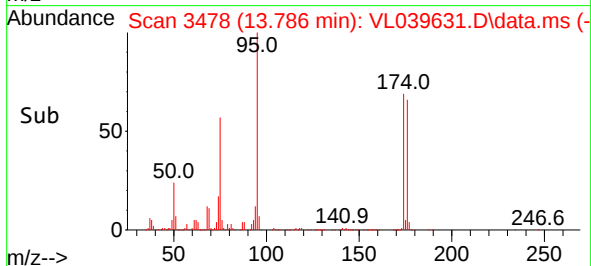
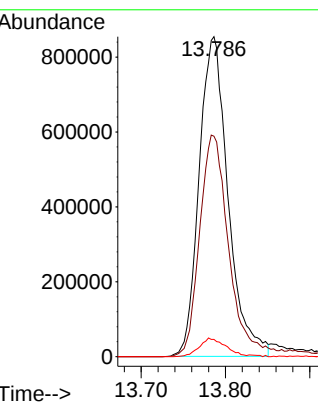
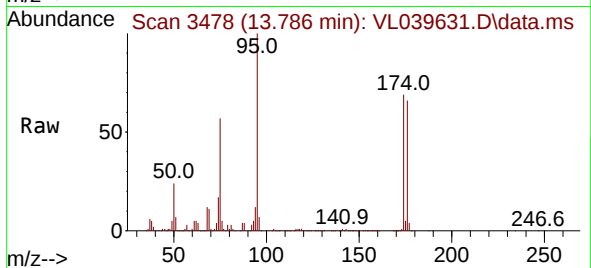
175 5.5 4.2 6.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/21/2022



#79

Naphthalene

Concen: 0.046 ppbv m

RT: 21.423 min Scan# 5853

Delta R.T. 0.043 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Tgt Ion:128 Resp: 10540

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 7.7 8.8 13.2#

