

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
 Data File : VL039137.D
 Acq On : 31 May 2022 19:02
 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 :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: May 31 19:55:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 31 2022

QLast Update : Tue May 31 17:05:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1245227	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3165790	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2716671	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2256076	10.486	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.272	62	7452	0.105	ppbv	94
32) 1,1,1-Trichloroethane	6.517	97	19047m	0.094	ppbv	
35) Carbon Tetrachloride	7.028	117	21021m	0.101	ppbv	
38) Trichloroethene	7.848	130	11300m	0.094	ppbv	
52) Tetrachloroethene	11.230	164	10329m	0.107	ppbv	
54) 1,2-Dibromoethane	10.610	107	13806m	0.092	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.677	83	18618m	0.101	ppbv	
79) Naphthalene	22.198	128	17582m	0.061	ppbv	

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

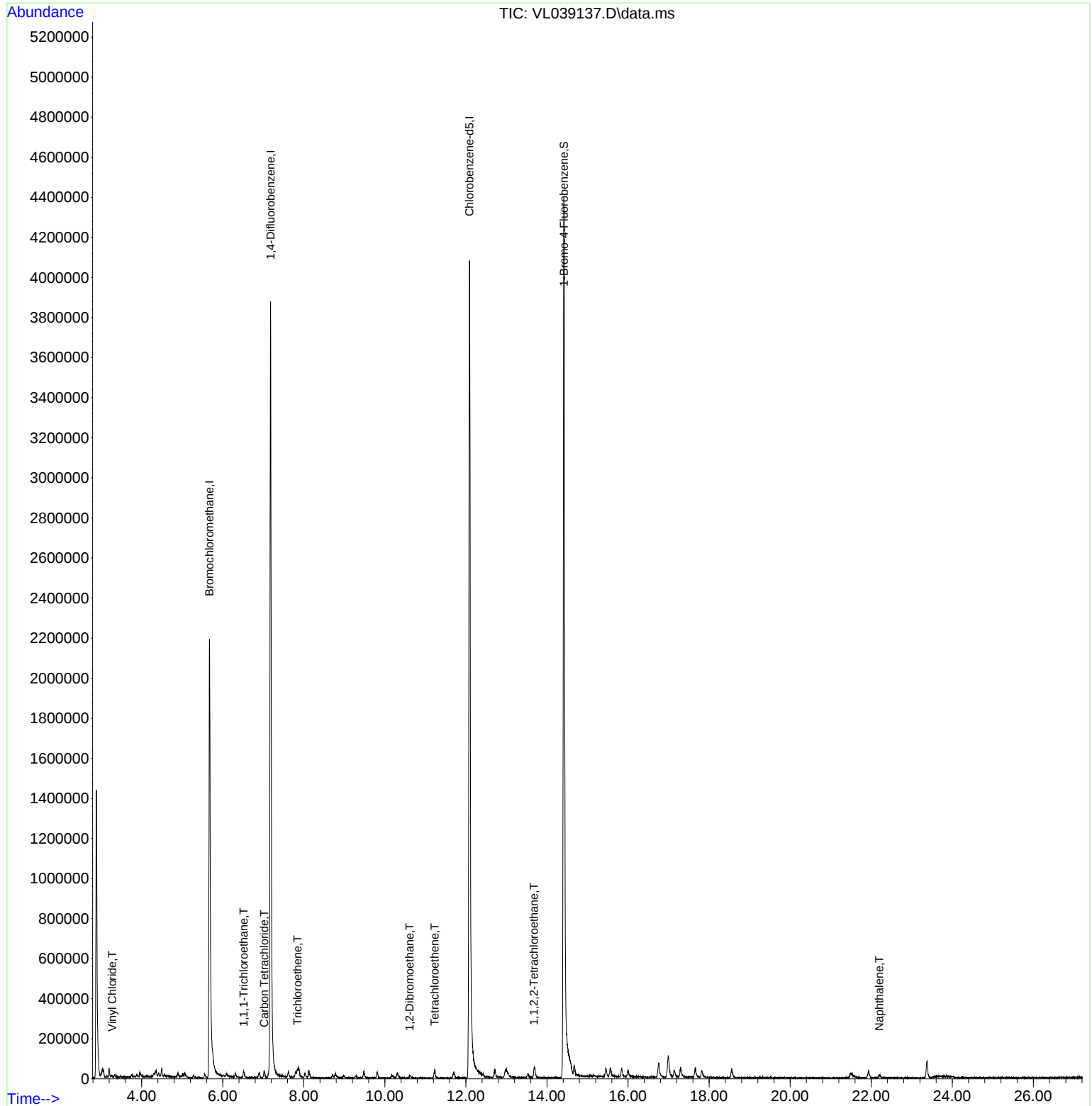
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039137.D
Acq On : 31 May 2022 19:02
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

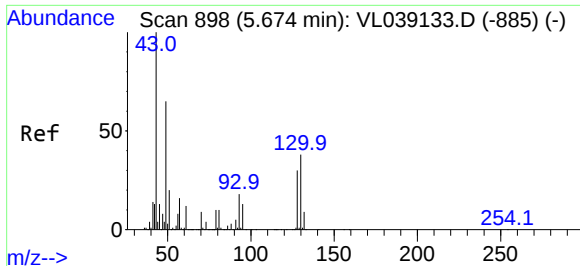
Instrument :
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ClientSampleId :
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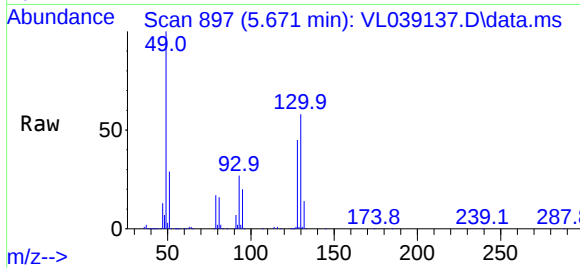
Quant Time: May 31 19:55:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 898
Delta R.T. -0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

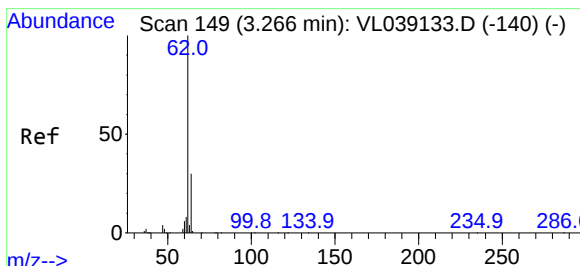
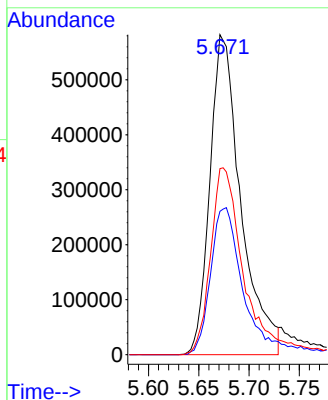
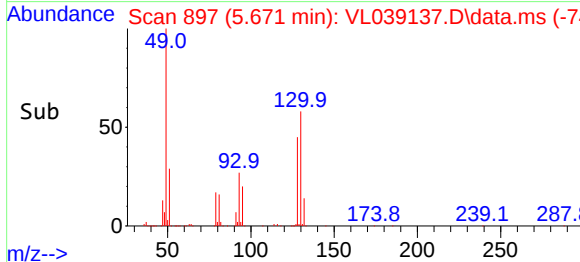
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



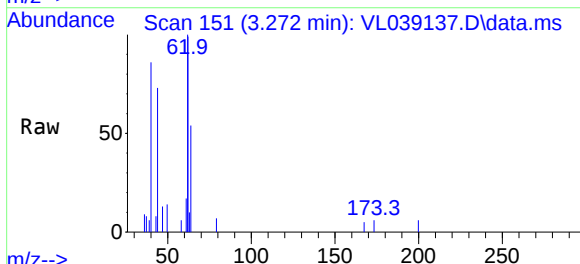
Tgt Ion: 49 Resp: 124522
Ion Ratio Lower Upper
49 100
128 51.5 24.7 74.1
130 64.8 31.4 94.0

Manual Integrations
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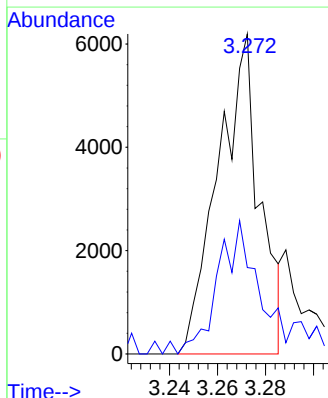
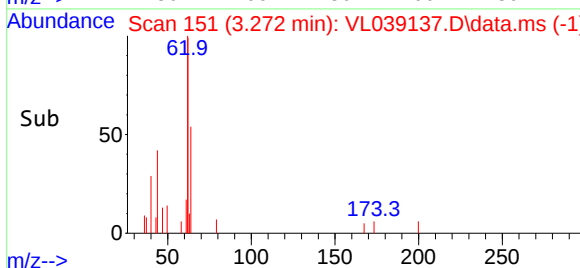
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

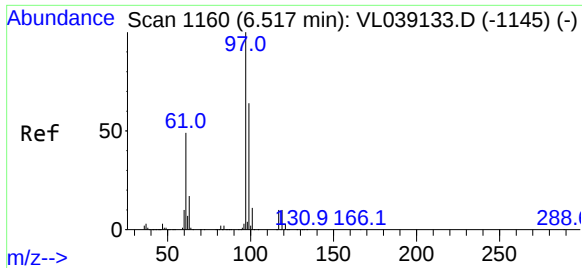


#5
Vinyl Chloride
Concen: 0.105 ppbv
RT: 3.272 min Scan# 151
Delta R.T. 0.007 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02



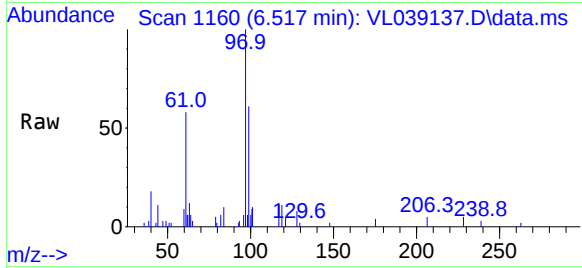
Tgt Ion: 62 Resp: 7452
Ion Ratio Lower Upper
62 100
64 27.0 24.2 36.2





#32
1,1,1-Trichloroethane
Concen: 0.094 ppbv m
RT: 6.517 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

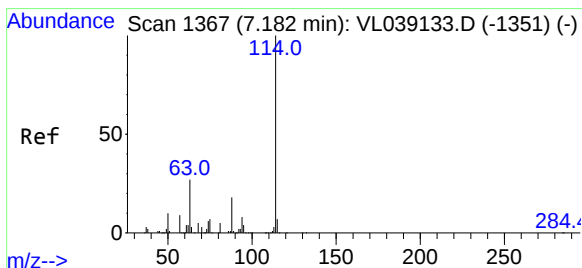
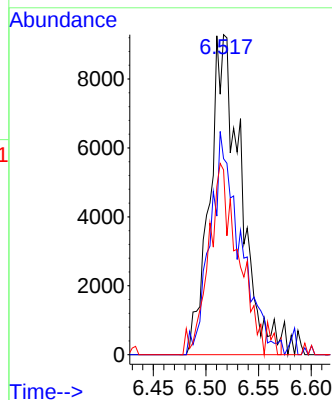
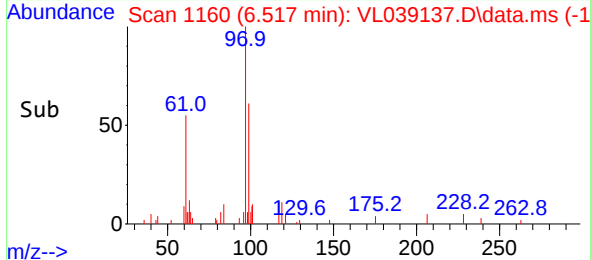
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 97 Resp: 1904
Ion Ratio Lower Upper
97 100
99 70.2 52.1 78.1
61 58.8 40.0 60.0

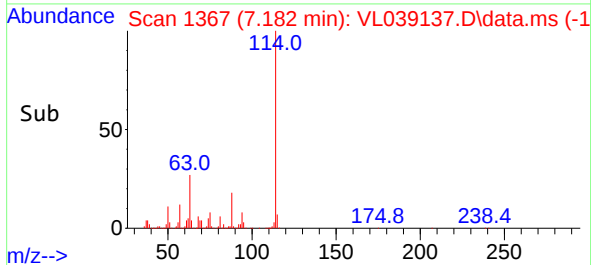
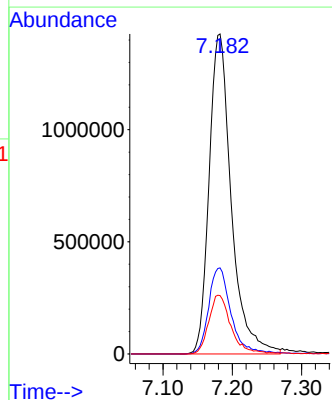
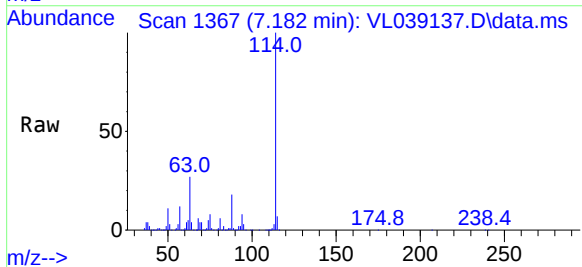
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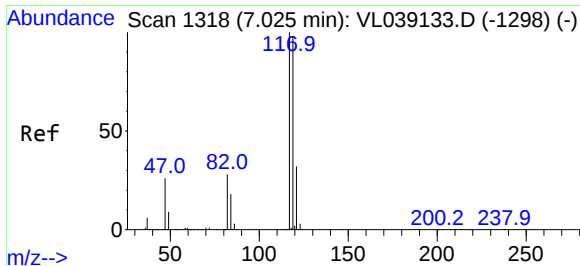
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

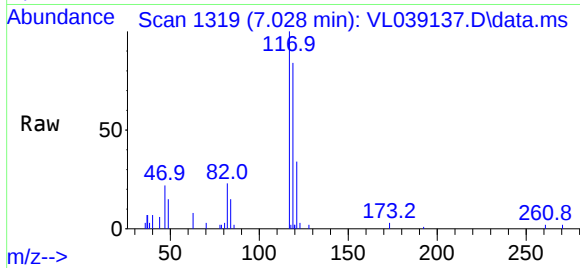
Tgt Ion:114 Resp: 3165790
Ion Ratio Lower Upper
114 100
63 27.4 21.7 32.5
88 18.8 14.8 22.2





#35
Carbon Tetrachloride
Concen: 0.101 ppbv m
RT: 7.028 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

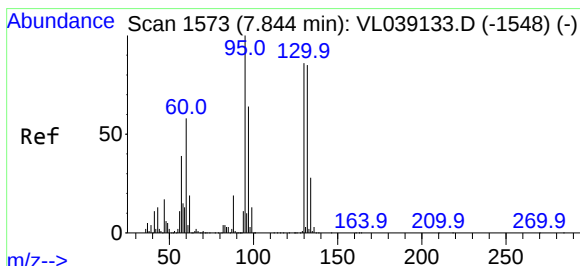
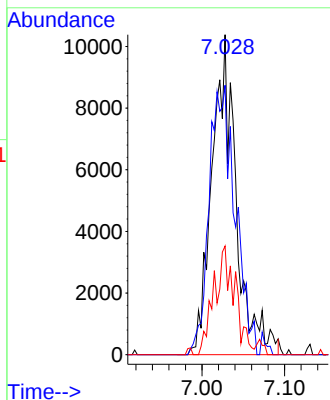
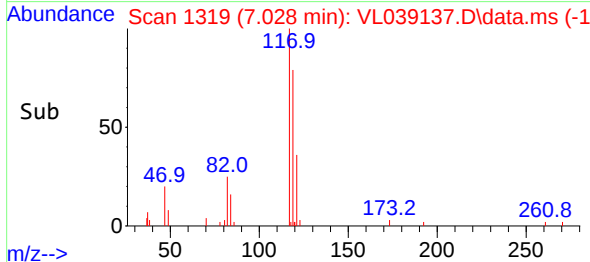
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



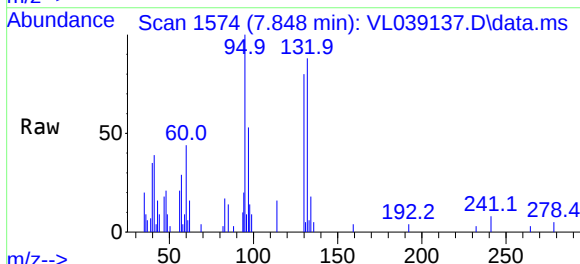
Tgt Ion:117 Resp: 2102
Ion Ratio Lower Upper
117 100
119 84.2 78.6 118.0
121 34.0 25.4 38.0

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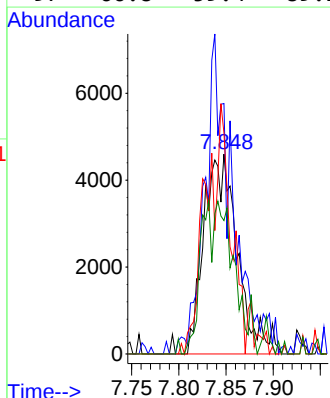
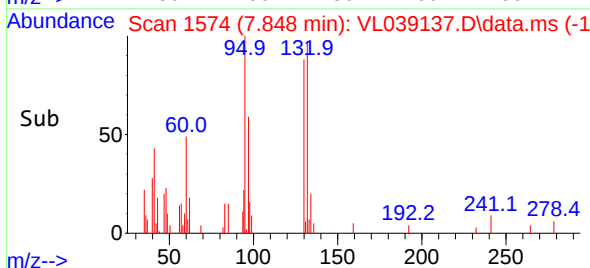
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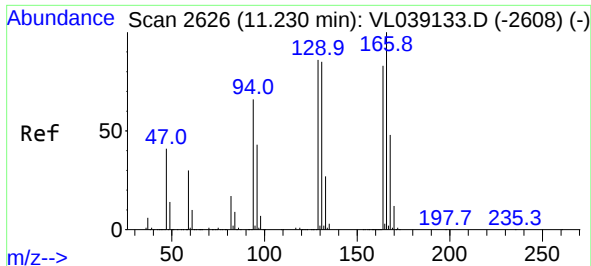


#38
Trichloroethene
Concen: 0.094 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02



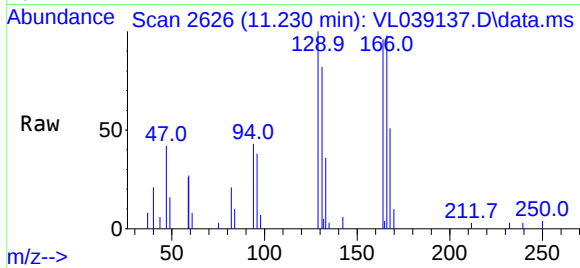
Tgt Ion:130 Resp: 11300
Ion Ratio Lower Upper
130 100
95 125.3 93.3 139.9
132 110.5 79.0 118.4
97 66.8 59.4 89.2





#52
Tetrachloroethene
Concen: 0.107 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

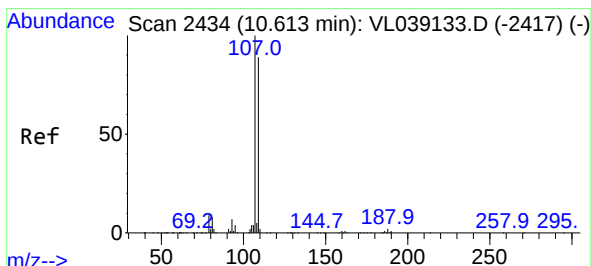
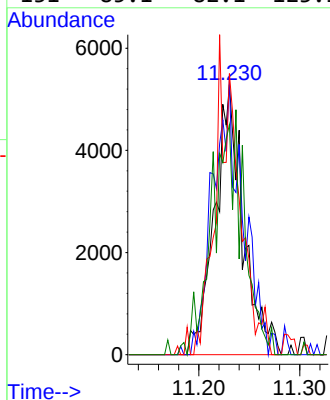
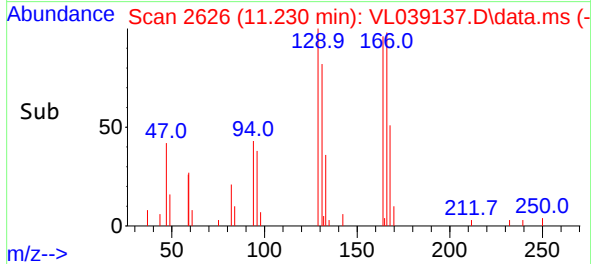
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



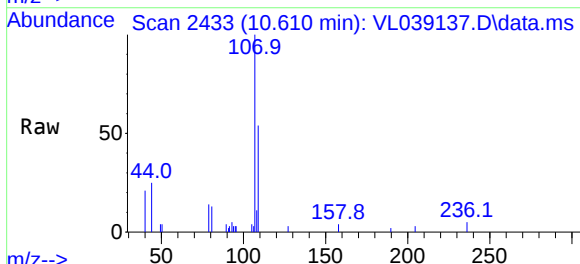
Tgt Ion:164 Resp: 10329
Ion Ratio Lower Upper
164 100
166 101.7 96.3 144.5
129 104.1 82.5 123.7
131 85.1 82.1 123.1

Manual Integrations
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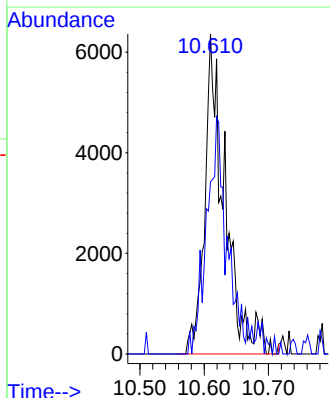
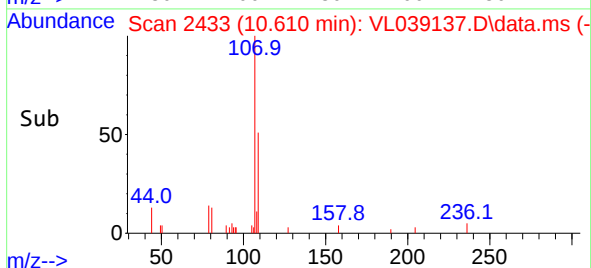
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Supervised By :Mahesh Dadoda 06/01/2022

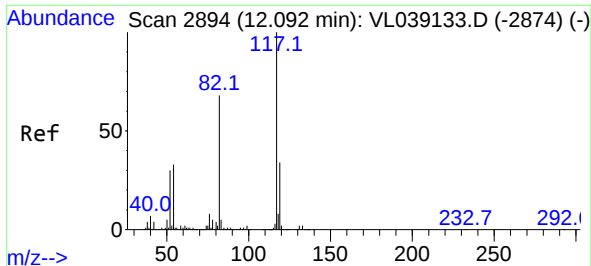


#54
1,2-Dibromoethane
Concen: 0.092 ppbv m
RT: 10.610 min Scan# 2433
Delta R.T. -0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02



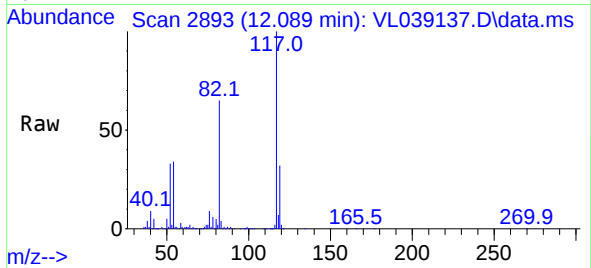
Tgt Ion:107 Resp: 13806
Ion Ratio Lower Upper
107 100
109 53.8 71.4 107.0#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

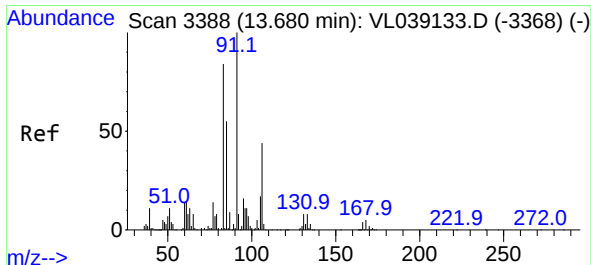
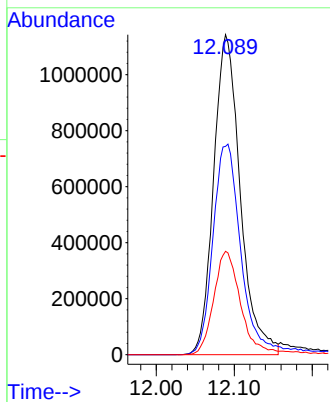
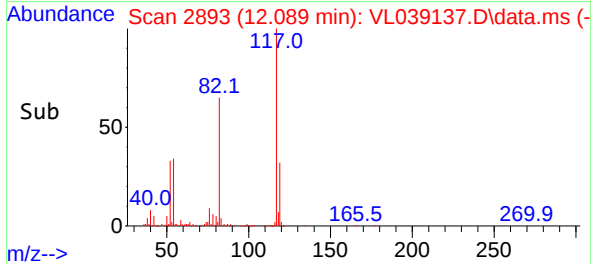
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



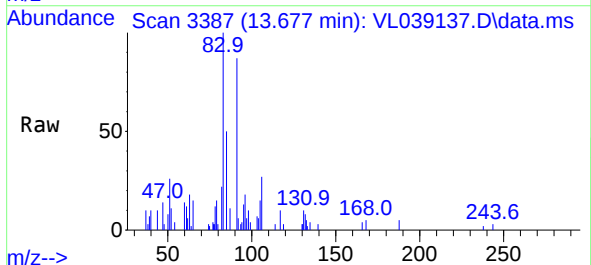
Tgt Ion: 117 Resp: 271667
Ion Ratio Lower Upper
117 100
82 71.8 55.1 82.7
119 33.7 24.7 37.1

Manual Integrations
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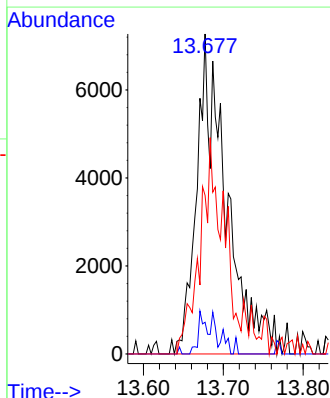
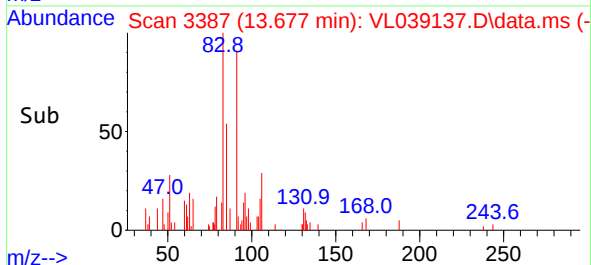
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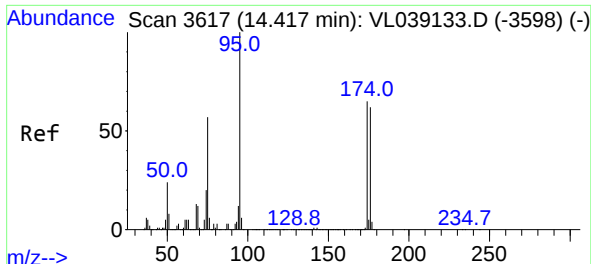


#63
1,1,2,2-Tetrachloroethane
Concen: 0.101 ppbv m
RT: 13.677 min Scan# 3387
Delta R.T. -0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02



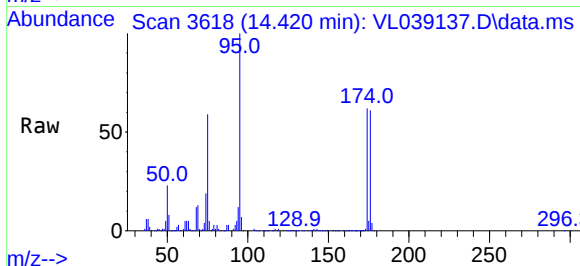
Tgt Ion: 83 Resp: 18618
Ion Ratio Lower Upper
83 100
131 7.5 4.8 14.3
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.486 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02

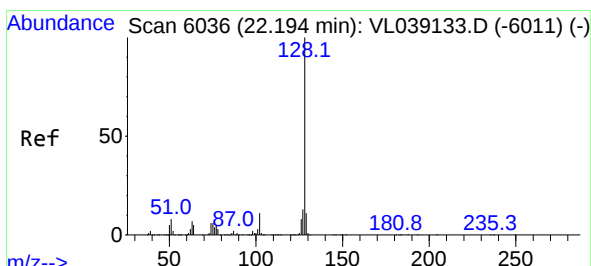
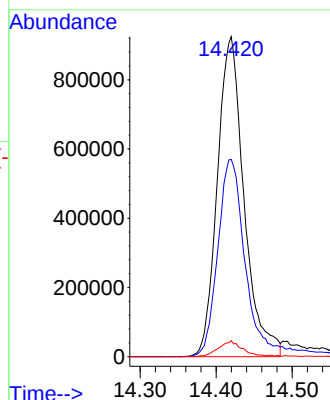
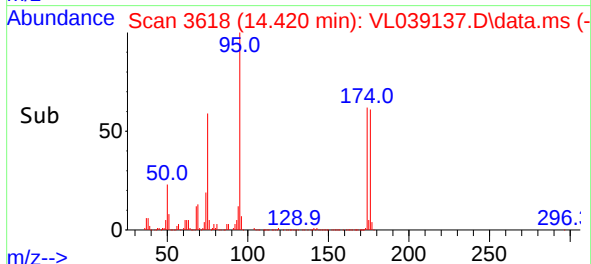
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ClientSampleId :
VSTDICC0.1



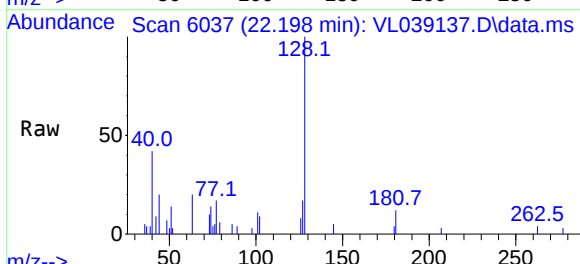
Tgt Ion: 95 Resp: 2256070
Ion Ratio Lower Upper
95 100
174 67.1 53.8 80.8
175 4.8 4.1 6.1

Manual Integrations
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Supervised By :Mahesh Dadoda 06/01/2022



#79
Naphthalene
Concen: 0.061 ppbv m
RT: 22.198 min Scan# 6037
Delta R.T. 0.003 min
Lab File: VL039137.D
Acq: 31 May 2022 19:02



Tgt Ion:128 Resp: 17582
Ion Ratio Lower Upper
128 100
127 16.9 10.4 15.6#
129 0.0 9.0 13.6#

