

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037939.D
 Acq On : 1 Nov 2021 12:30
 Operator : SY/AP
 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 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 01 13:04:54 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Nov 01 13:04:54 2021

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1548646	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4482336	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3819952	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2811096	10.523	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.263	62	3541m	0.035	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	10046m	0.039	ppbv	
35) Carbon Tetrachloride	7.008	117	10957m	0.043	ppbv	
38) Trichloroethene	7.838	130	5550m	0.037	ppbv	
52) Tetrachloroethene	11.217	164	4814m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.677	83	14271m	0.044	ppbv	

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

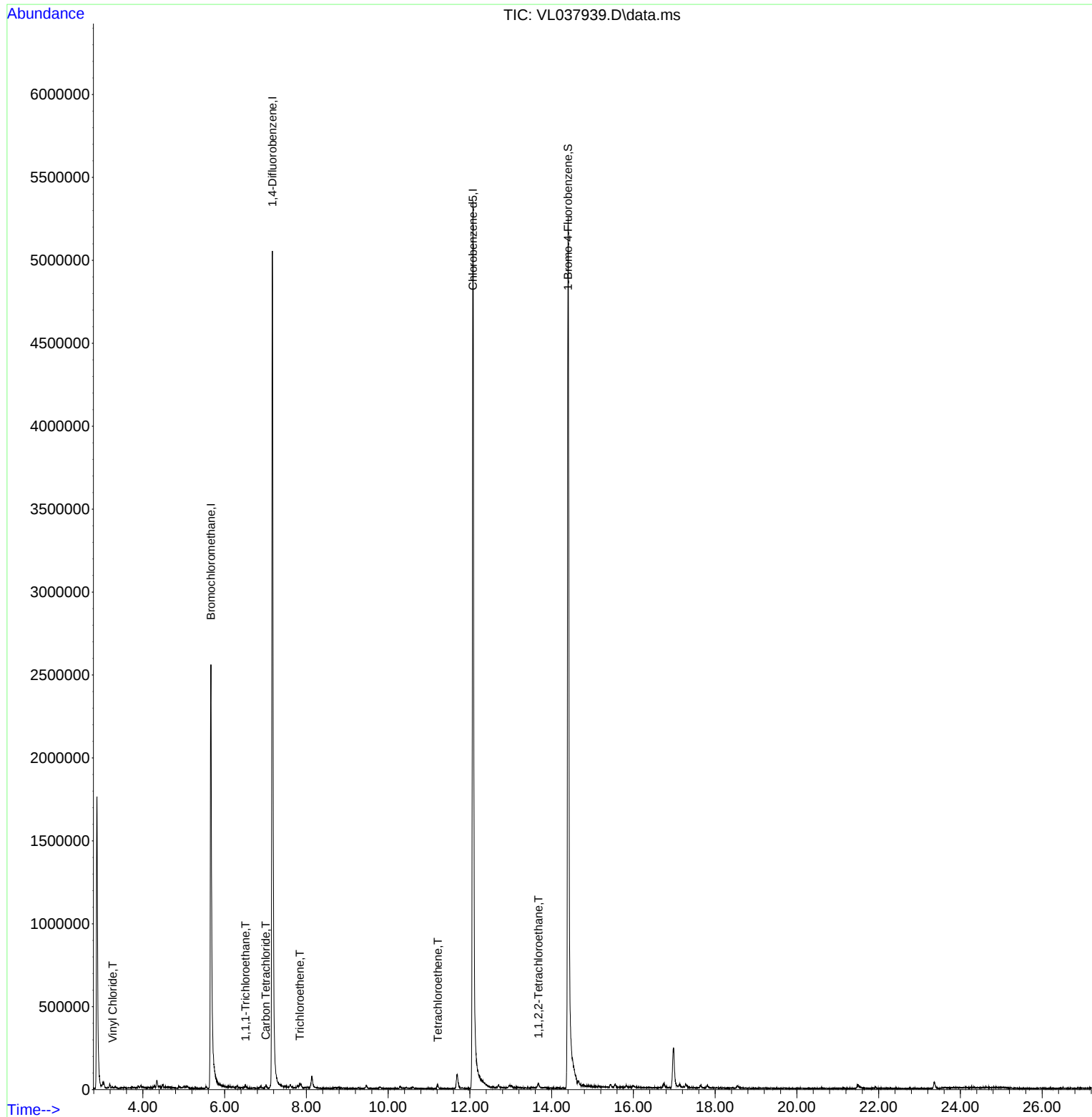
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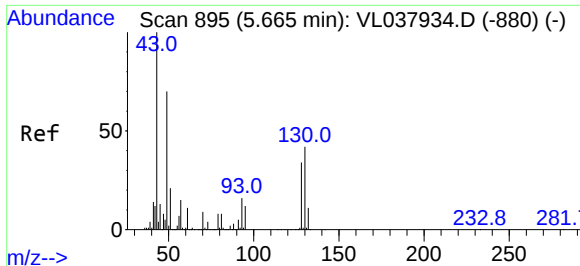
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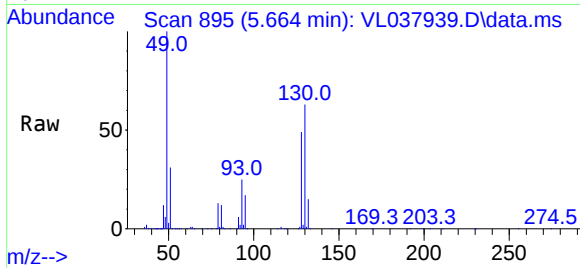
Quant Time: Nov 01 13:04:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

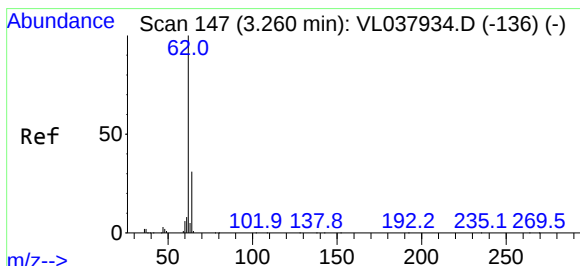
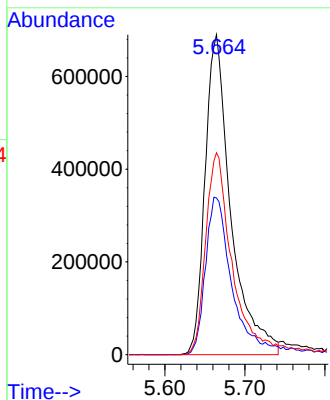
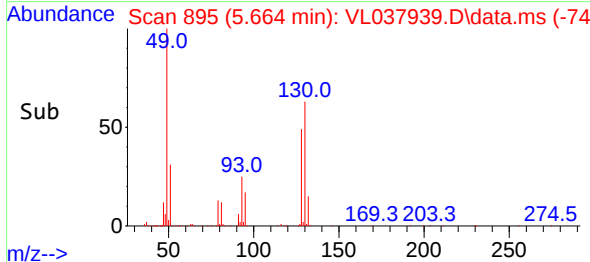
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 154864
Ion Ratio Lower Upper
49 100
128 53.2 27.0 81.0
130 68.5 33.4 100.2

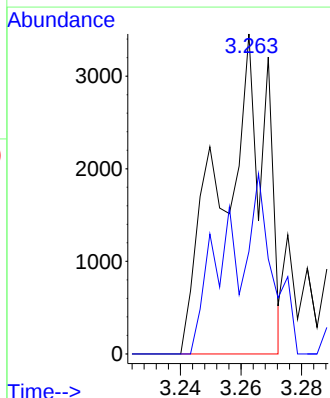
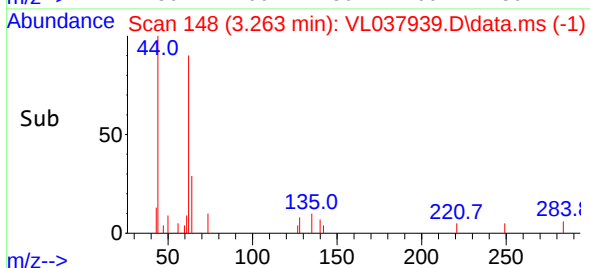
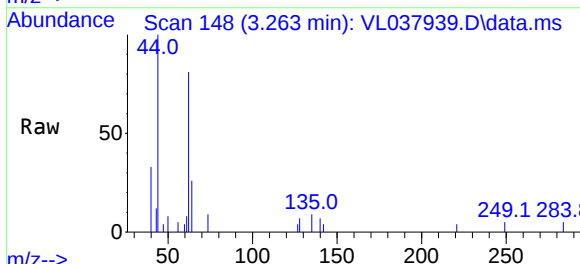
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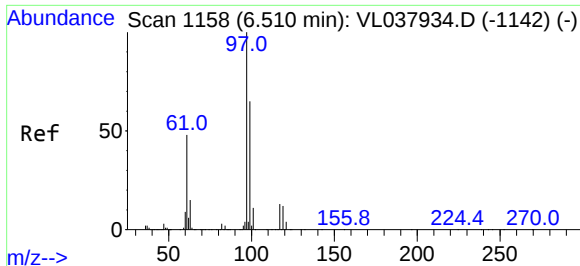
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#5
Vinyl Chloride
Concen: 0.035 ppbv m
RT: 3.263 min Scan# 148
Delta R.T. 0.003 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

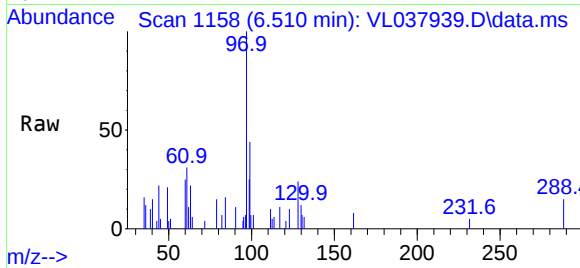
Tgt Ion: 62 Resp: 3541
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1





#32
1,1,1-Trichloroethane
Concen: 0.039 ppbv m
RT: 6.510 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

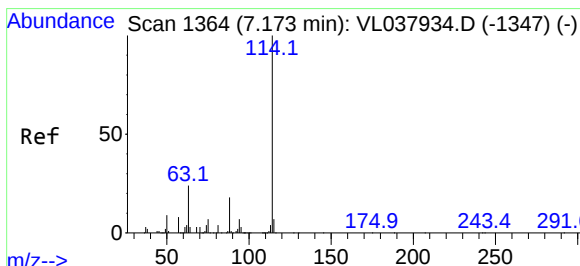
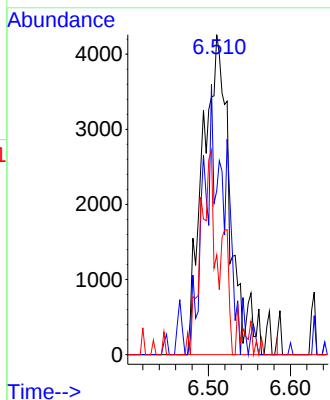
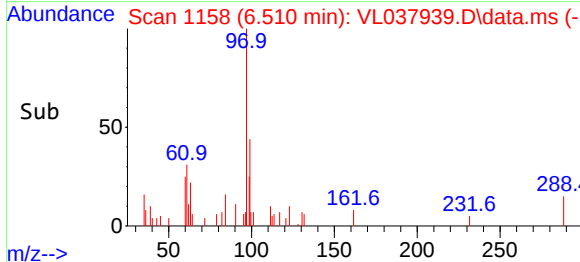
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



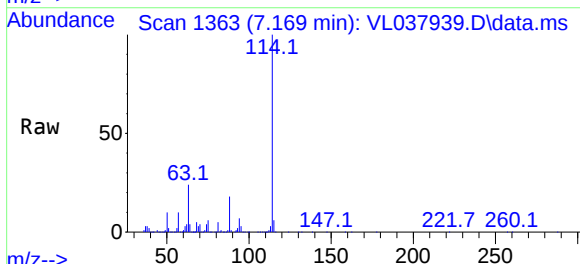
Tgt Ion: 97 Resp: 10040
Ion Ratio Lower Upper
97 100
99 68.2 52.2 78.4
61 44.6 39.8 59.6

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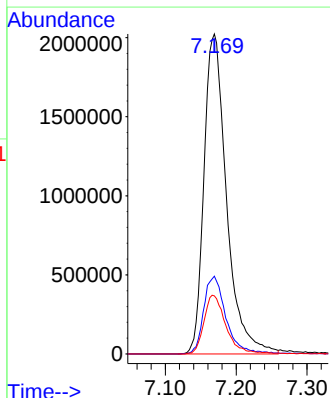
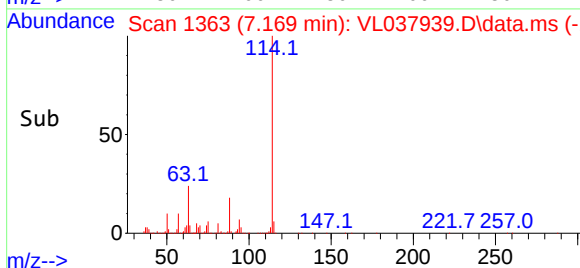
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Supervised By :Mahesh Dadoda 11/10/2021

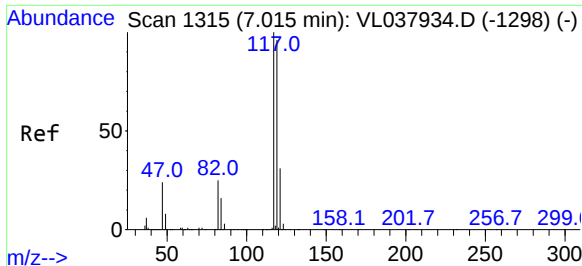


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30



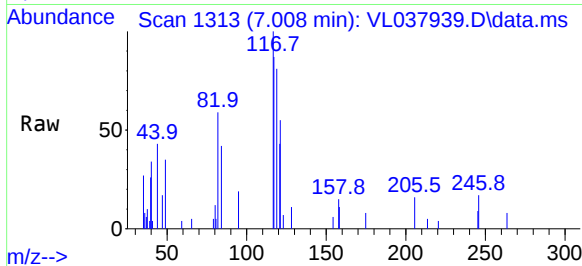
Tgt Ion:114 Resp: 4482336
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 18.0 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.043 ppbv m
RT: 7.008 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

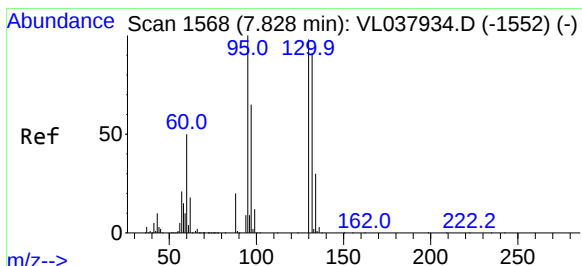
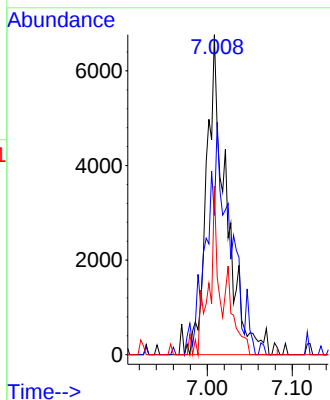
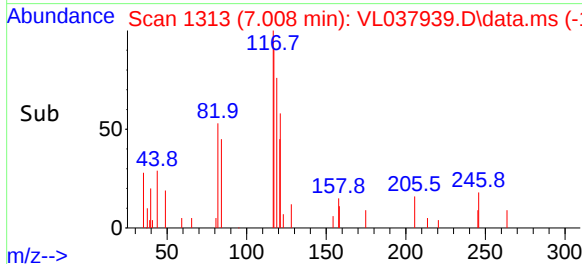
Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03



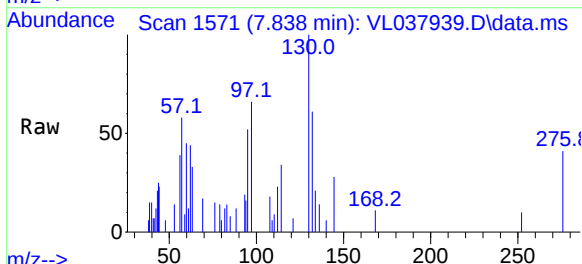
Tgt Ion:117 Resp: 1095
Ion Ratio Lower Upper
117 100
119 81.4 76.6 114.8
121 55.4 25.1 37.7

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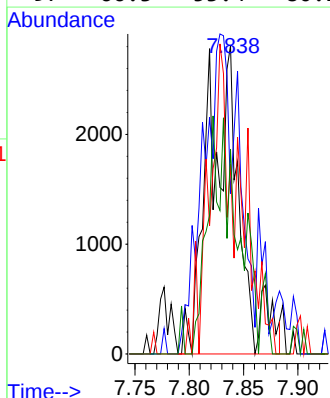
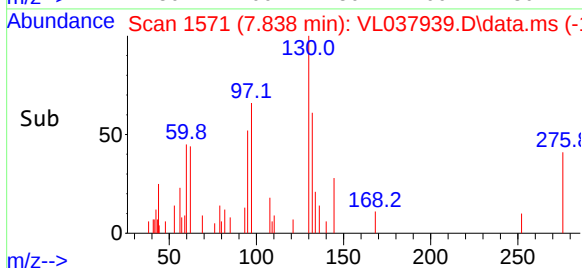
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Supervised By :Mahesh Dadoda 11/10/2021

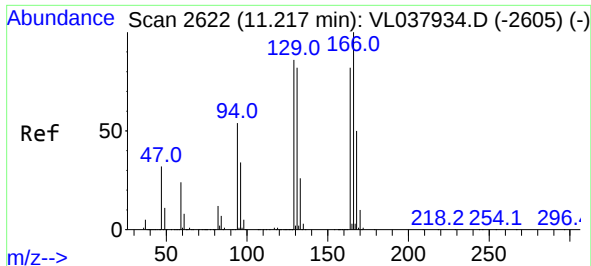


#38
Trichloroethene
Concen: 0.037 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.009 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30



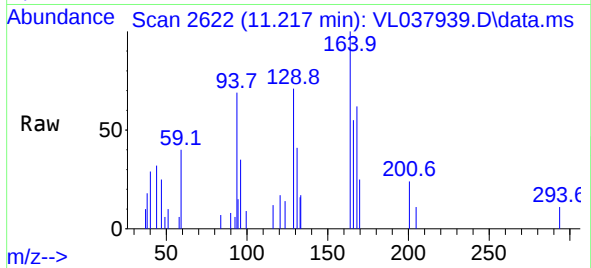
Tgt Ion:130 Resp: 5550
Ion Ratio Lower Upper
130 100
95 52.0 81.8 122.8#
132 61.5 74.2 111.2#
97 66.3 53.4 80.2





#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

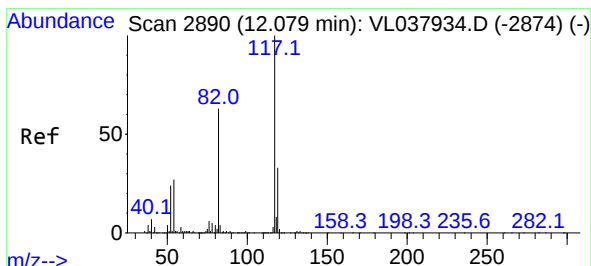
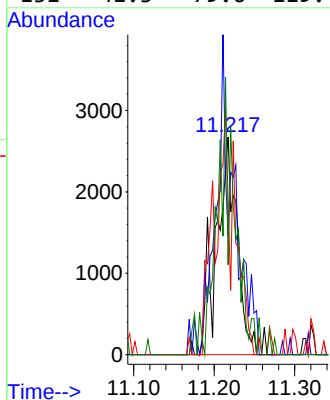
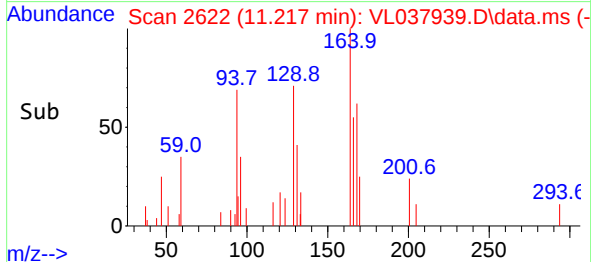
Instrument :
MSVOA_L
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VSTDICC0.03



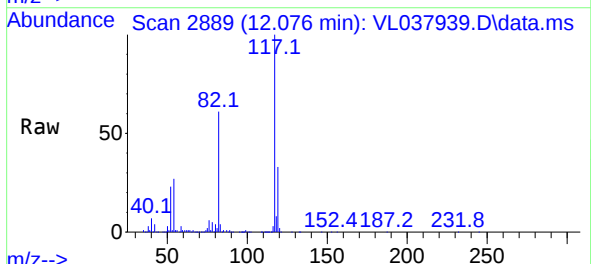
Tgt Ion:164 Resp: 4814
Ion Ratio Lower Upper
164 100
166 55.0 97.6 146.4
129 70.7 84.2 126.2
131 41.3 79.6 119.4

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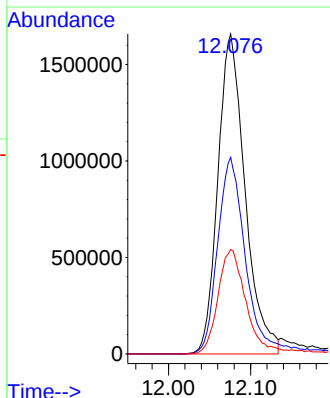
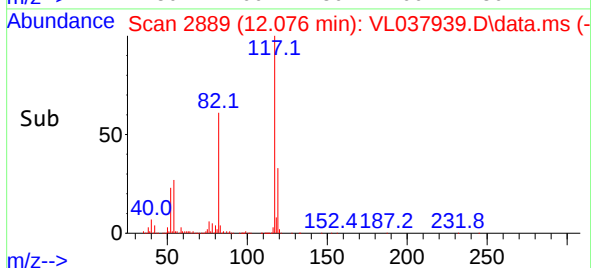
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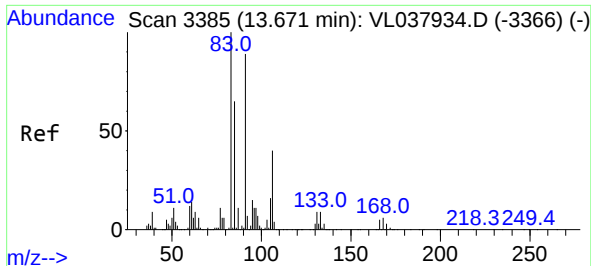


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30



Tgt Ion:117 Resp: 3819952
Ion Ratio Lower Upper
117 100
82 65.9 51.0 76.6
119 35.2 26.9 40.3





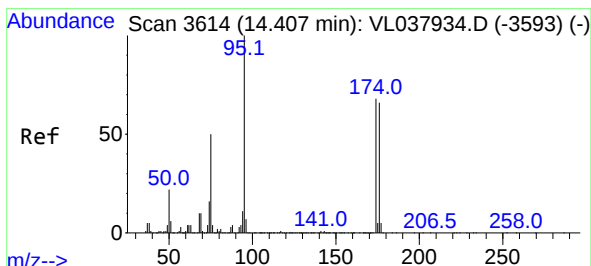
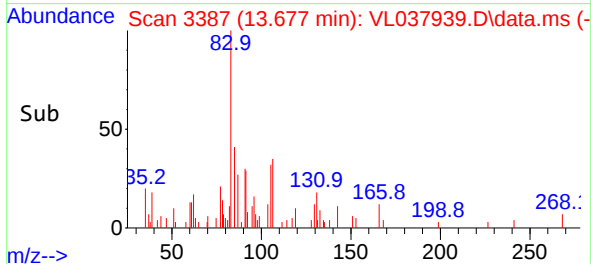
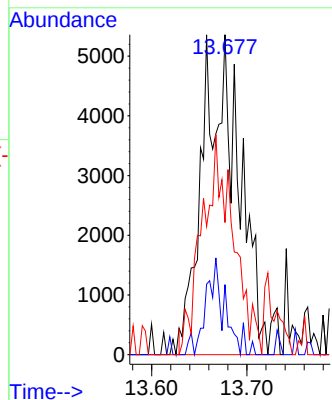
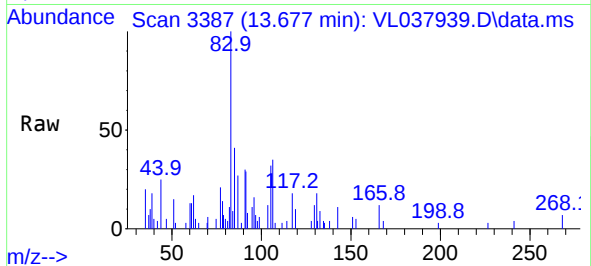
#63
1,1,2,2-Tetrachloroethane
Concen: 0.044 ppbv m
RT: 13.677 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 1427
Ion Ratio Lower Upper
83 100
131 15.7 4.8 14.4
85 58.3 32.5 97.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.523 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion: 95 Resp: 2811096
Ion Ratio Lower Upper
95 100
174 75.3 58.3 87.5
175 5.2 4.6 6.8

