

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038816.D
 Acq On : 5 Apr 2022 18:26
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 19:47:03 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Apr 05 2022
 QLast Update : Tue Apr 05 17:22:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1389087	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3919250	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3476225	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2644147	9.921	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
5) Vinyl Chloride	3.256	62	9140m	0.112	ppbv	Qvalue
32) 1,1,1-Trichloroethane	6.510	97	23645m	0.113	ppbv	
35) Carbon Tetrachloride	7.012	117	21999	0.097	ppbv #	80
38) Trichloroethene	7.825	130	16412m	0.130	ppbv	
52) Tetrachloroethene	11.217	164	13901m	0.126	ppbv	
54) 1,2-Dibromoethane	10.603	107	20908m	0.121	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.680	83	28996m	0.111	ppbv	
79) Naphthalene	22.185	128	28512m	0.094	ppbv	

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

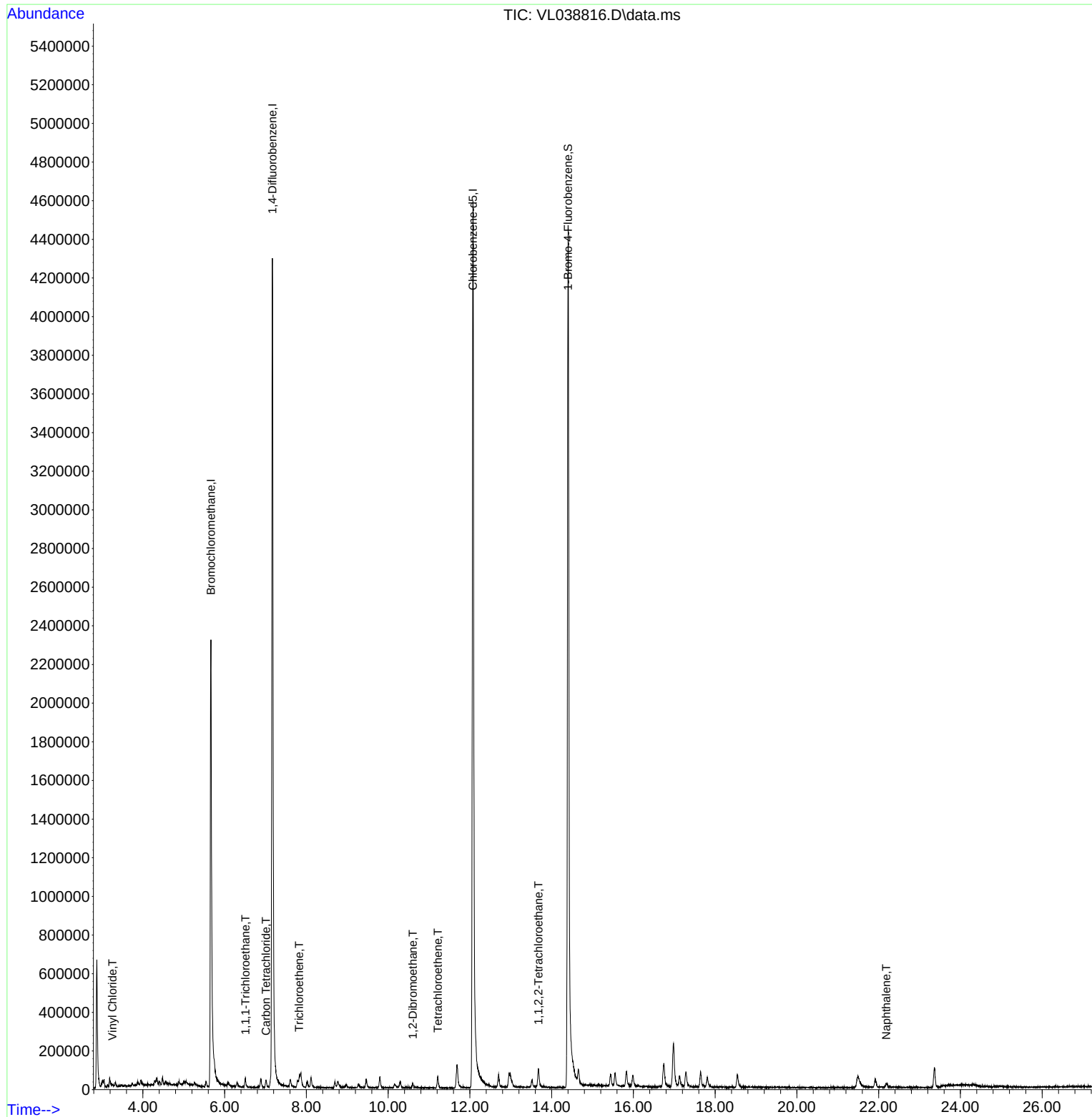
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038816.D
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

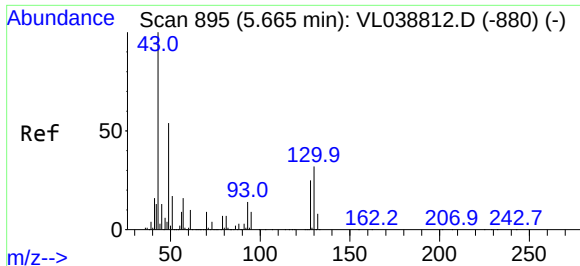
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Apr 05 19:47:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 05 17:22:42 2022
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Manual Integrations
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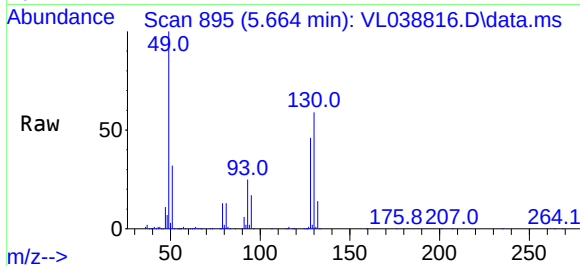
Reviewed By : Semsettin Yesilyurt 04/07/2022
Supervised By : Mahesh Dadoda 04/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038816.D
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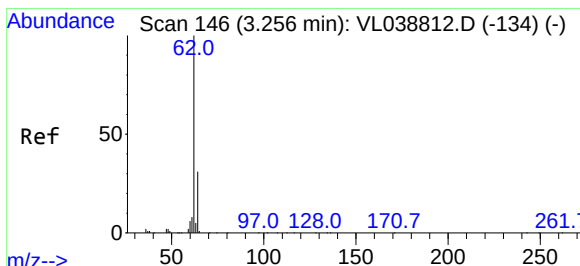
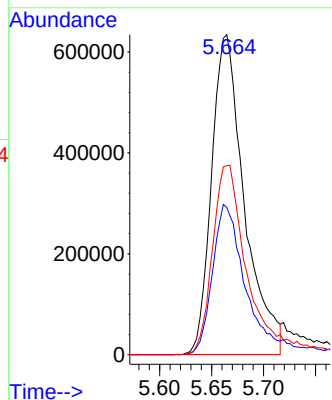
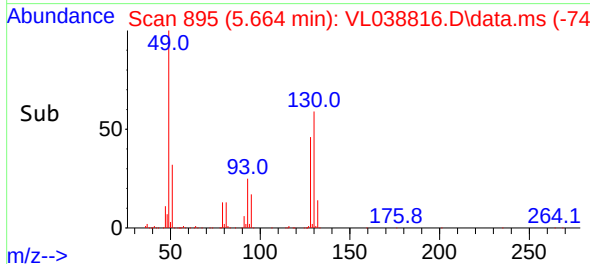
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 138908
Ion Ratio Lower Upper
49 100
128 51.8 24.1 72.3
130 67.1 30.9 92.8

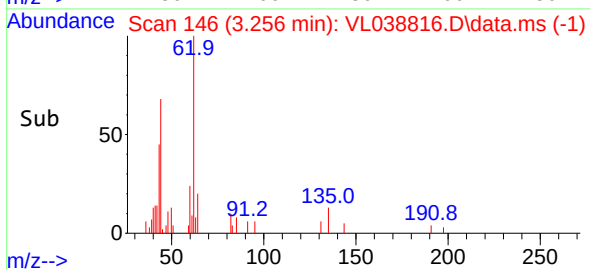
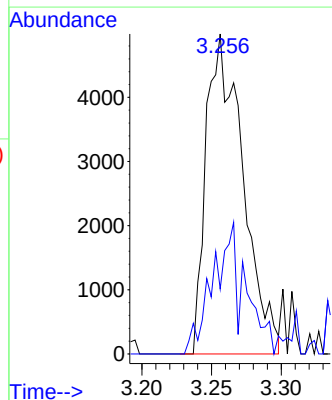
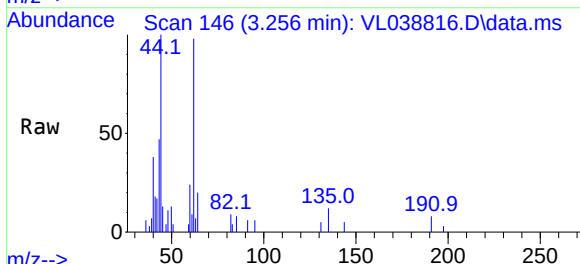
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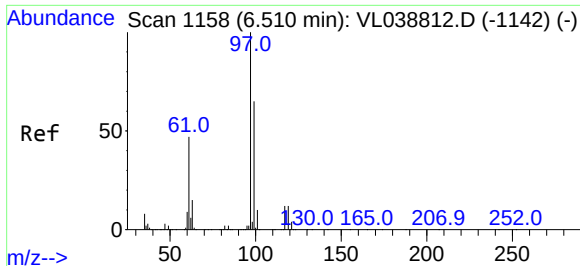
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#5
Vinyl Chloride
Concen: 0.112 ppbv m
RT: 3.256 min Scan# 146
Delta R.T. -0.000 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

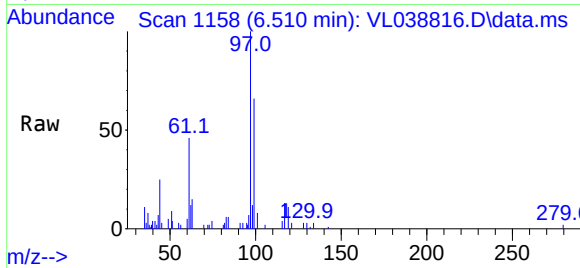
Tgt Ion: 62 Resp: 9140
Ion Ratio Lower Upper
62 100
64 20.3 24.6 37.0





#32
1,1,1-Trichloroethane
Concen: 0.113 ppbv m
RT: 6.510 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

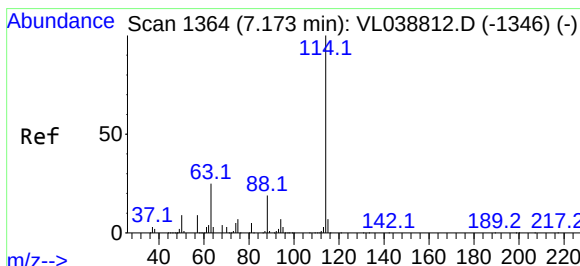
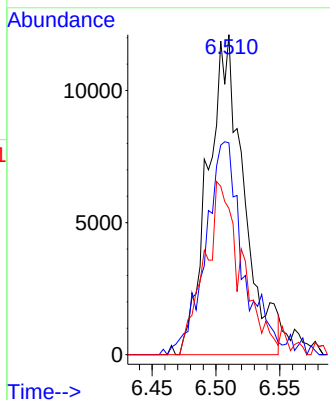
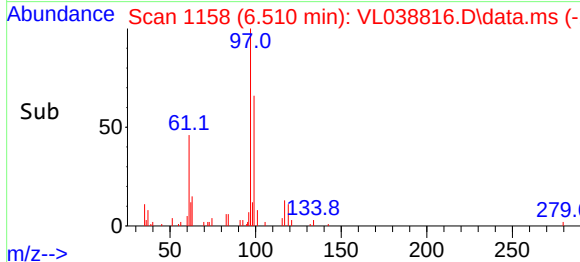
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 23649
Ion Ratio Lower Upper
97 100
99 72.3 52.4 78.6
61 57.2 38.6 57.8

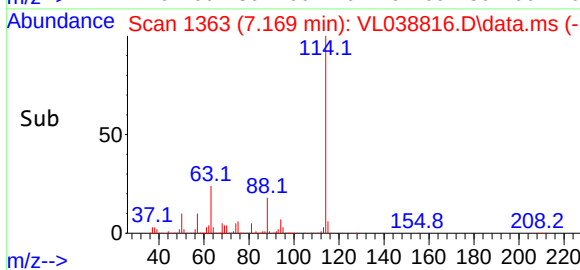
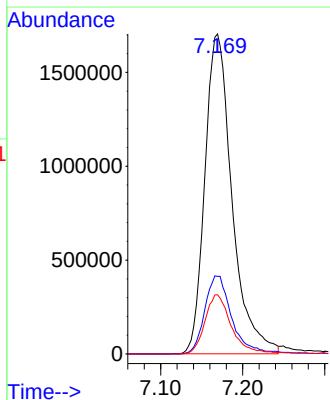
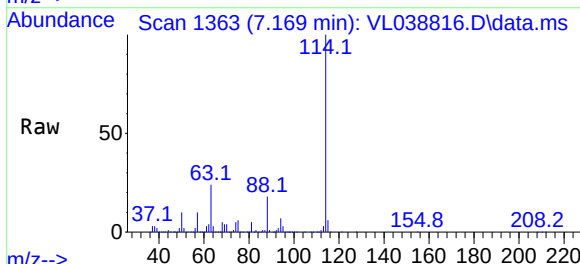
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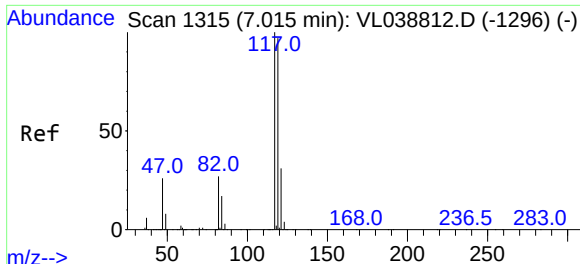
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

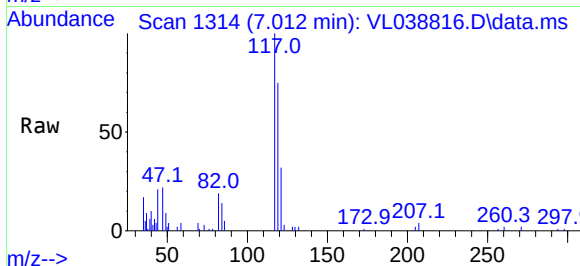
Tgt Ion:114 Resp: 3919250
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.8
88 18.2 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.097 ppbv
RT: 7.012 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

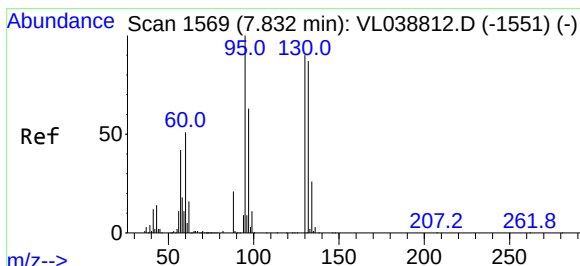
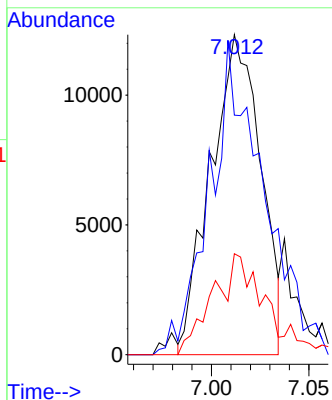
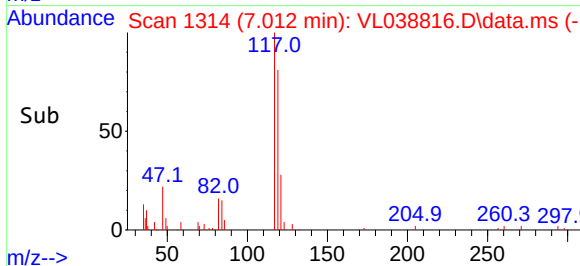
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 2199
Ion Ratio Lower Upper
117 100
119 72.9 77.7 116.5
121 32.6 24.5 36.7

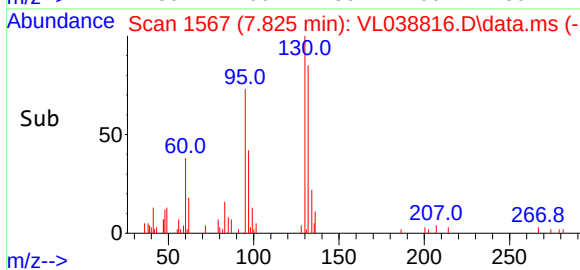
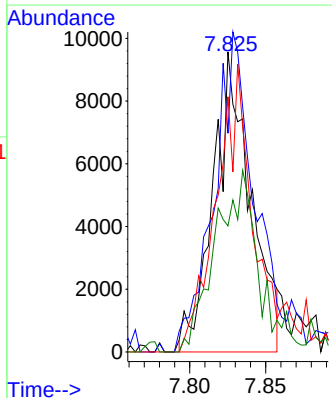
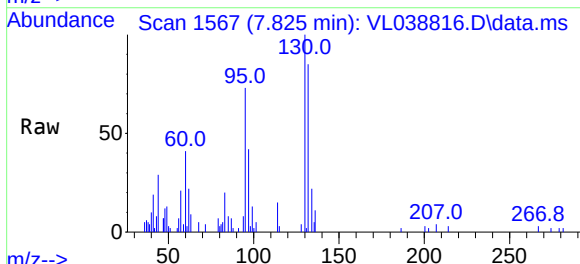
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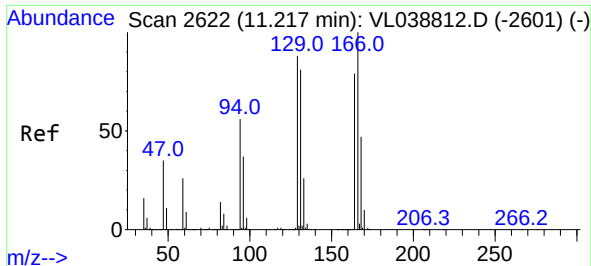
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#38
Trichloroethene
Concen: 0.130 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

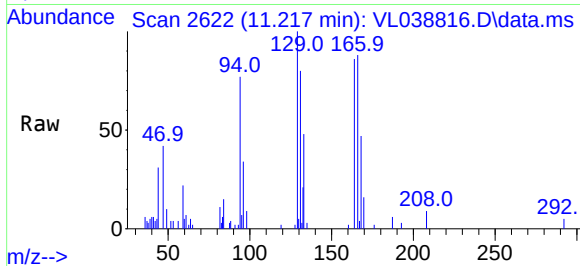
Tgt Ion:130 Resp: 16412
Ion Ratio Lower Upper
130 100
95 72.9 89.4 134.0#
132 85.1 77.7 116.5
97 42.0 56.0 84.0#





#52
Tetrachloroethene
Concen: 0.126 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

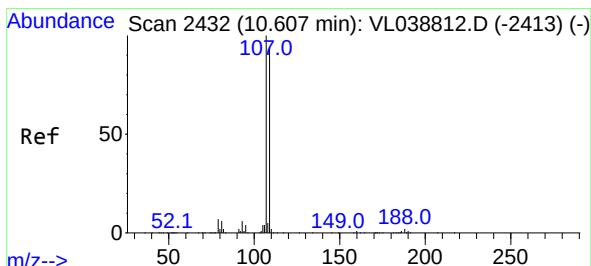
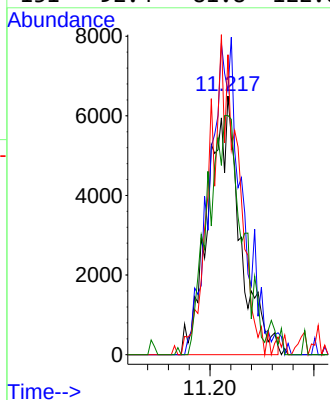
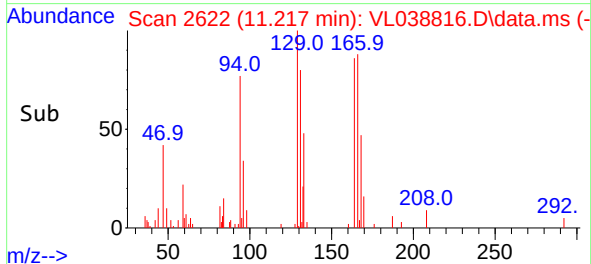
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



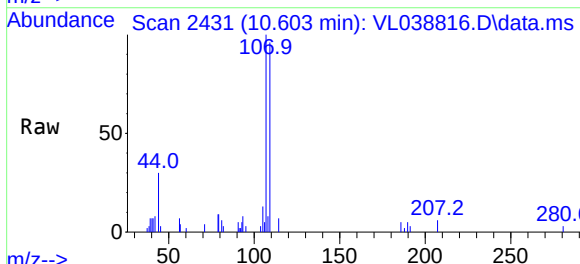
Tgt Ion:164 Resp: 1390
Ion Ratio Lower Upper
164 100
166 101.8 101.0 151.6
129 116.0 88.7 133.1
131 92.4 81.8 122.6

Manual Integrations
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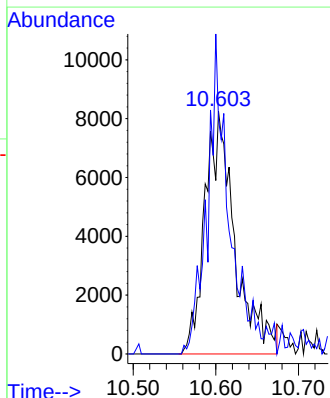
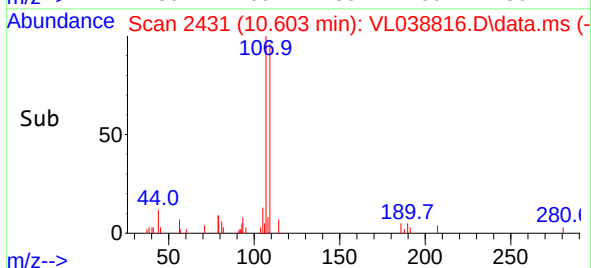
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

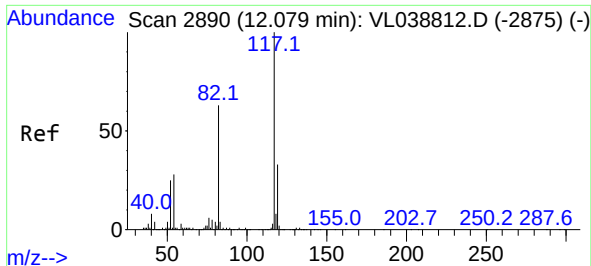


#54
1,2-Dibromoethane
Concen: 0.121 ppbv m
RT: 10.603 min Scan# 2431
Delta R.T. -0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26



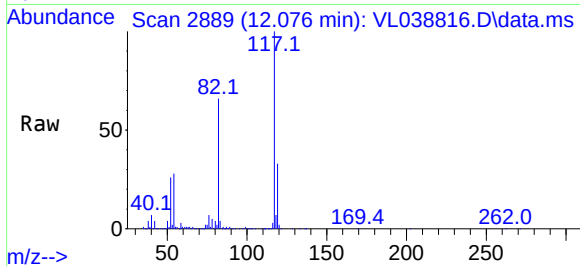
Tgt Ion:107 Resp: 20908
Ion Ratio Lower Upper
107 100
109 96.5 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

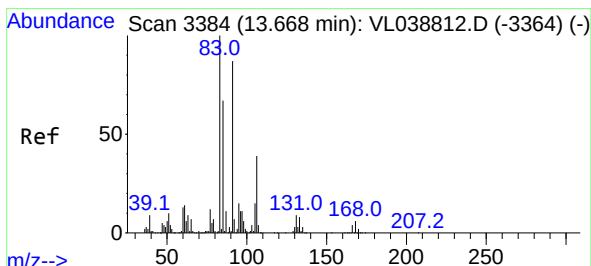
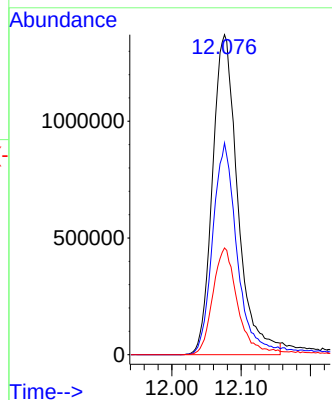
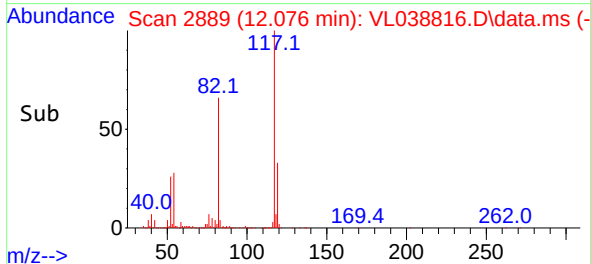
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



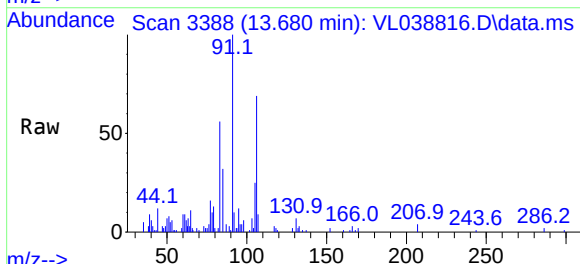
Tgt Ion:117 Resp: 3476225
Ion Ratio Lower Upper
117 100
82 67.6 53.0 79.6
119 34.6 24.9 37.3

Manual Integrations
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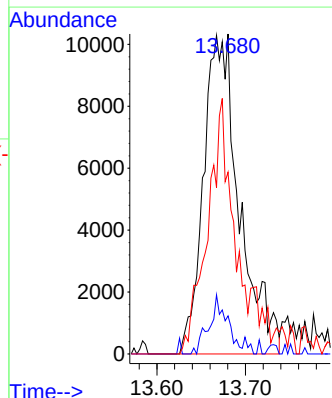
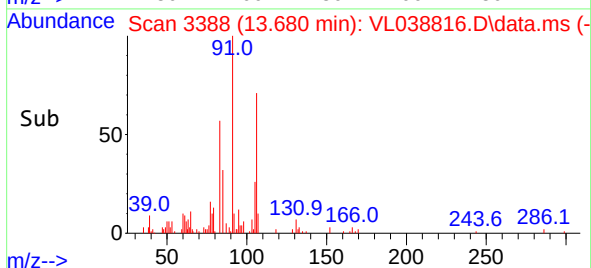
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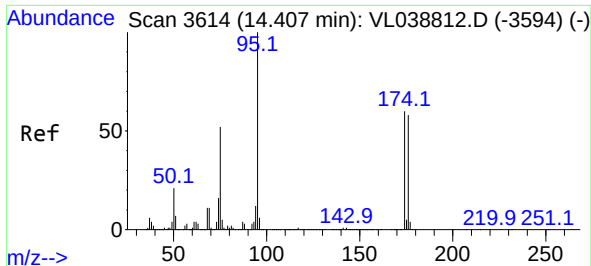


#63
1,1,2,2-Tetrachloroethane
Concen: 0.111 ppbv m
RT: 13.680 min Scan# 3388
Delta R.T. 0.013 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26



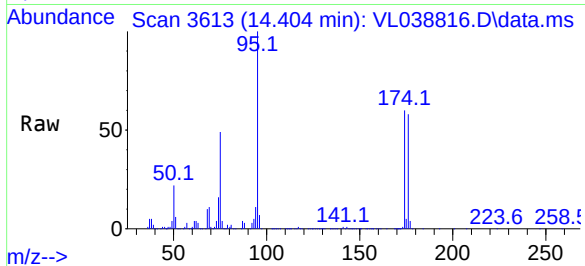
Tgt Ion: 83 Resp: 28996
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.921 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26

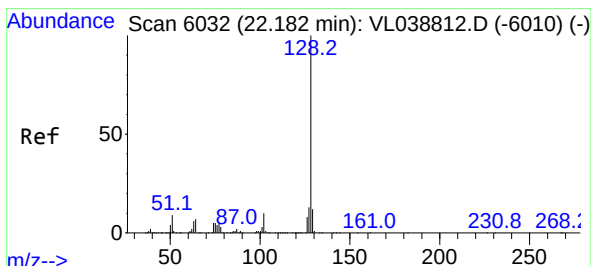
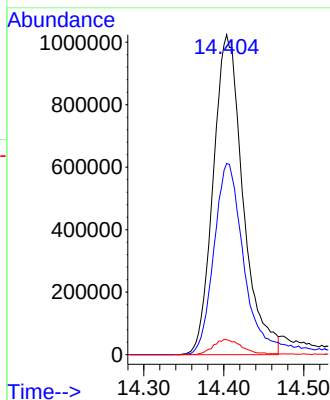
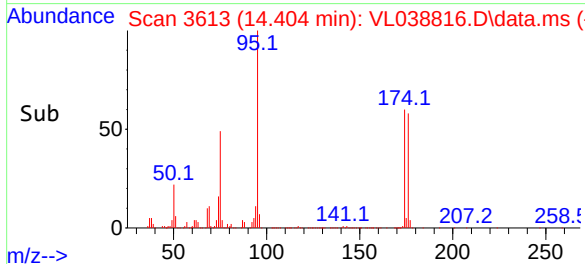
Instrument : MSVOA_1
ClientSampleId : VSTDIC0.1



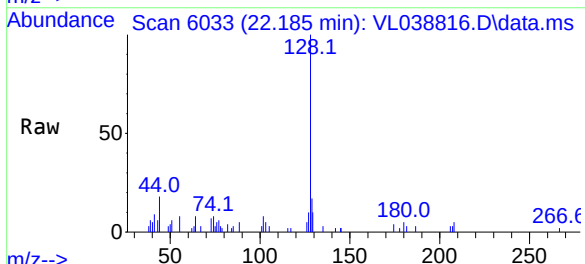
Tgt Ion: 95 Resp: 264414
Ion Ratio Lower Upper
95 100
174 64.7 52.0 78.0
175 4.9 4.0 6.0

Manual Integrations
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Supervised By :Mahesh Dadoda 04/07/2022



#79
Naphthalene
Concen: 0.094 ppbv m
RT: 22.185 min Scan# 6033
Delta R.T. 0.003 min
Lab File: VL038816.D
Acq: 5 Apr 2022 18:26



Tgt Ion:128 Resp: 28512
Ion Ratio Lower Upper
128 100
127 10.0 10.6 15.8#
129 17.0 9.4 14.0#

