

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050522\
 Data File : VL038962.D
 Acq On : 5 May 2022 5:53
 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 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 07:25:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 05 07:25:24 2022
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1240505	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	3004042	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2627798	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.401	95	2145114	10.320	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.256	62	2262m	0.027	ppbv	
32) 1,1,1-Trichloroethane	6.501	97	6347m	0.029	ppbv	
35) Carbon Tetrachloride	6.999	117	5676m	0.025	ppbv	
38) Trichloroethene	7.832	130	3813m	0.035	ppbv	
52) Tetrachloroethene	11.217	164	3039m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.671	83	5102m	0.021	ppbv	

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

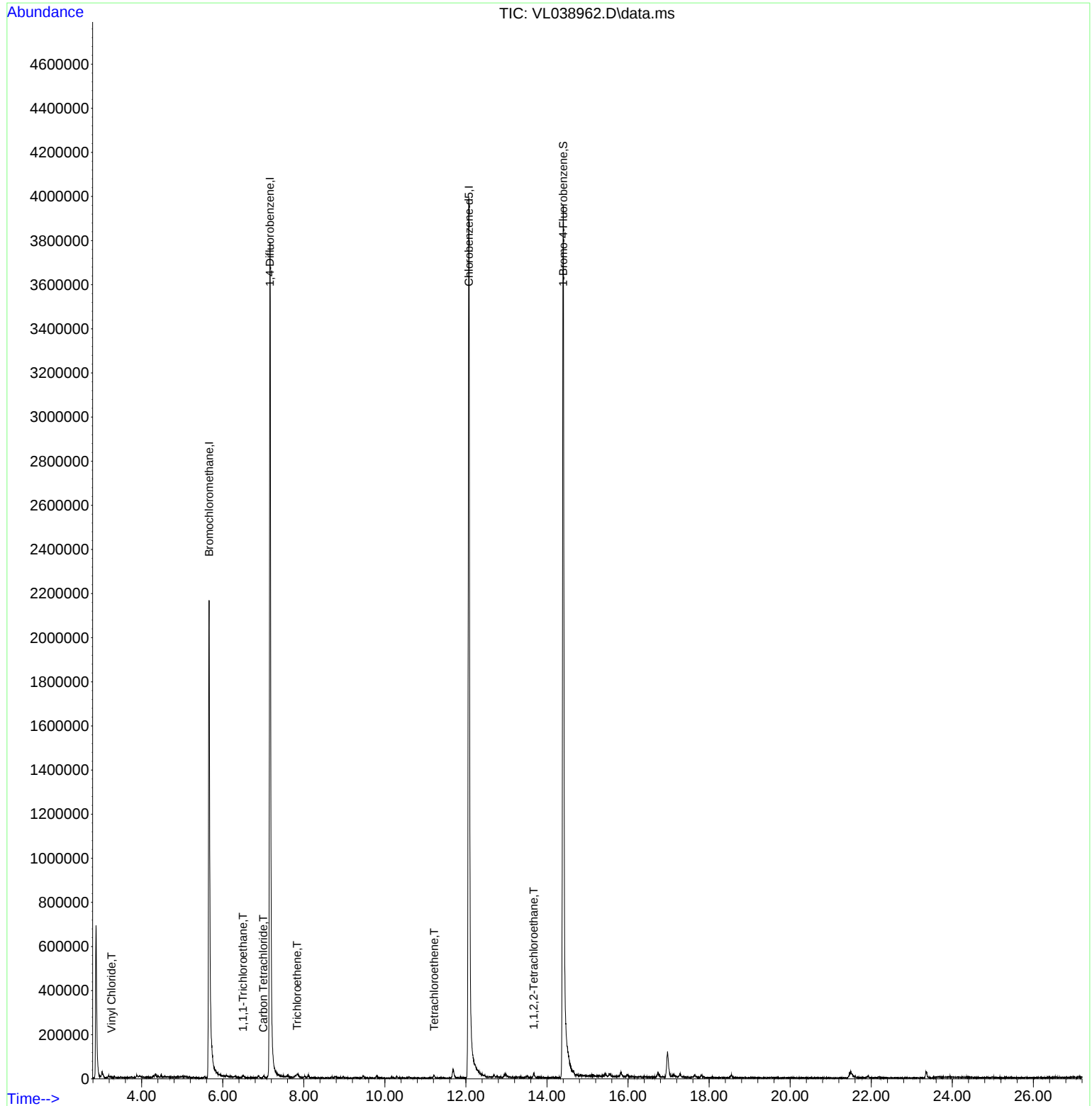
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050522\
Data File : VL038962.D
Acq On : 5 May 2022 5:53
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

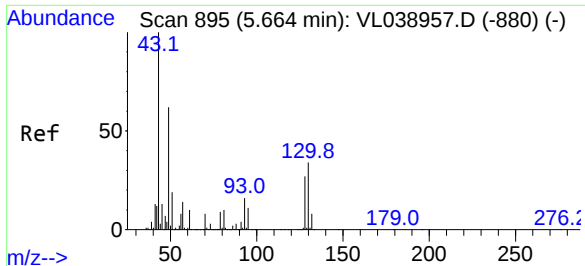
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: May 05 07:25:24 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

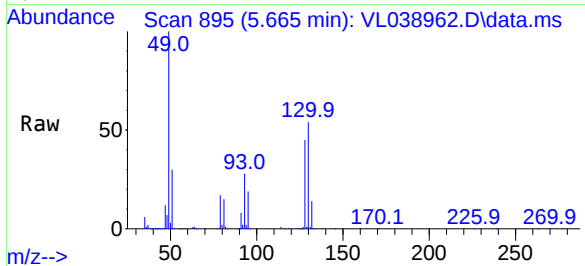
Reviewed By : Semsettin Yesilyurt 05/07/2022
Supervised By : Mahesh Dadoda 05/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. 0.000 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

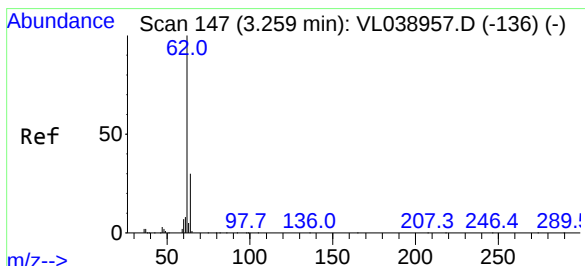
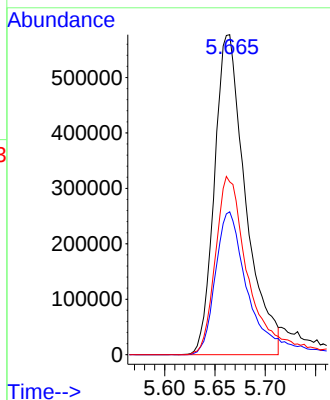
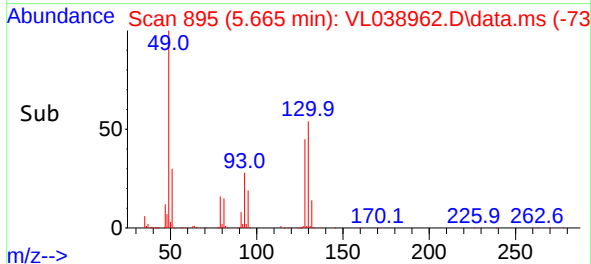
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



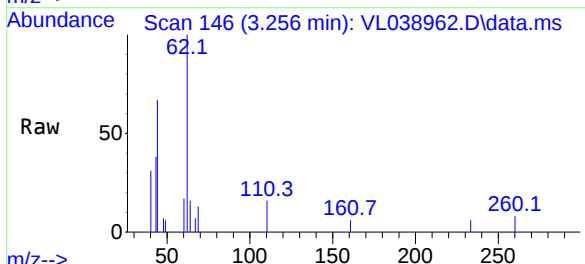
Tgt Ion: 49 Resp: 124050
Ion Ratio Lower Upper
49 100
128 48.9 23.3 69.8
130 62.2 29.8 89.3

Manual Integrations
APPROVED

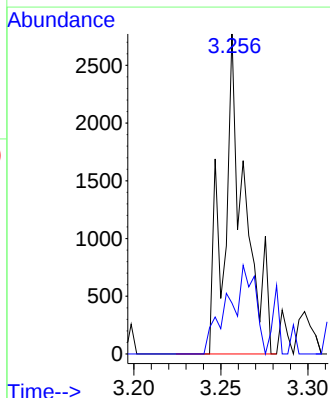
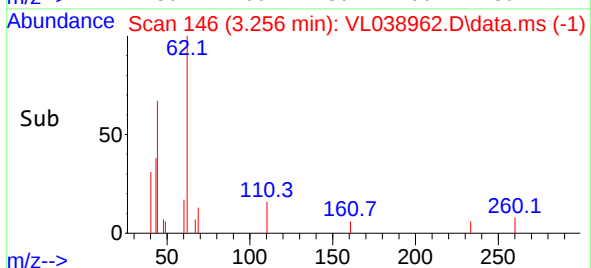
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022

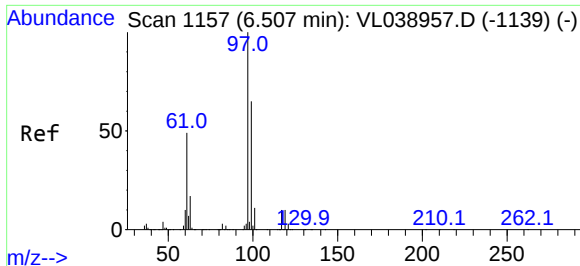


#5
Vinyl Chloride
Concen: 0.027 ppbv m
RT: 3.256 min Scan# 146
Delta R.T. -0.003 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53



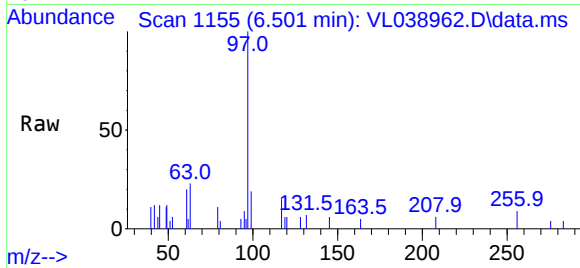
Tgt Ion: 62 Resp: 2262
Ion Ratio Lower Upper
62 100
64 15.9 24.2 36.4#





#32
1,1,1-Trichloroethane
Concen: 0.029 ppbv m
RT: 6.501 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

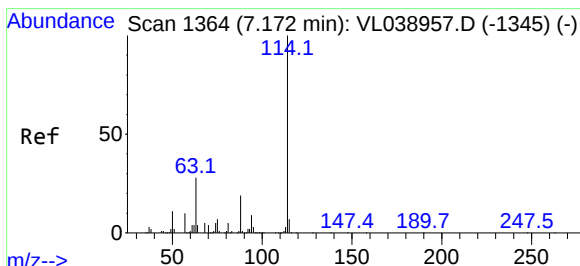
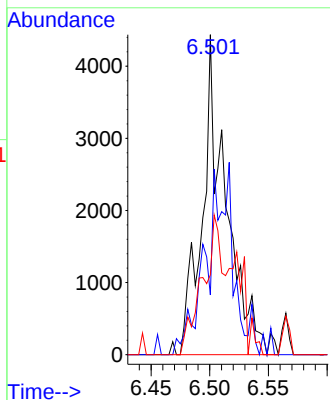
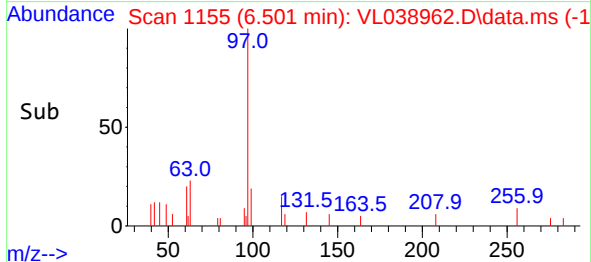
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



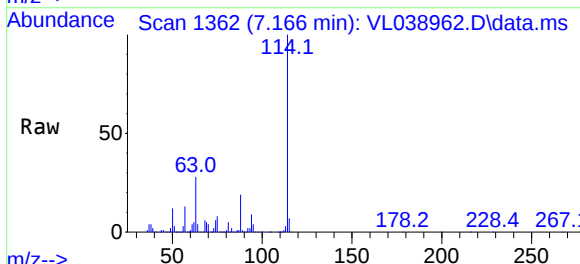
Tgt Ion: 97 Resp: 634
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9
61 57.0 40.9 61.3

Manual Integrations
APPROVED

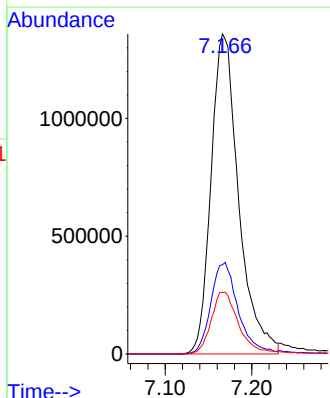
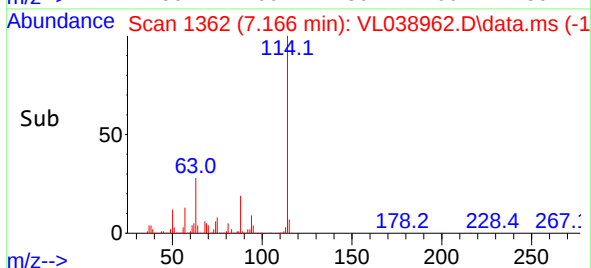
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022

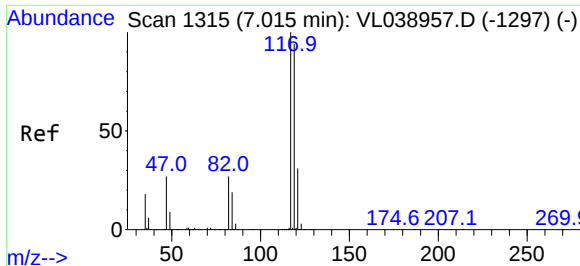


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53



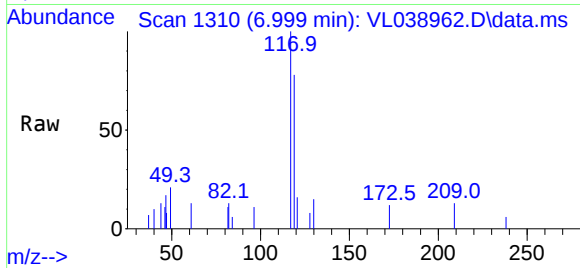
Tgt Ion:114 Resp: 3004042
Ion Ratio Lower Upper
114 100
63 29.3 22.6 33.8
88 19.7 15.4 23.0





#35
Carbon Tetrachloride
Concen: 0.025 ppbv m
RT: 6.999 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

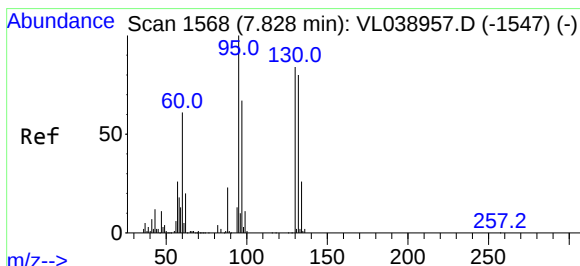
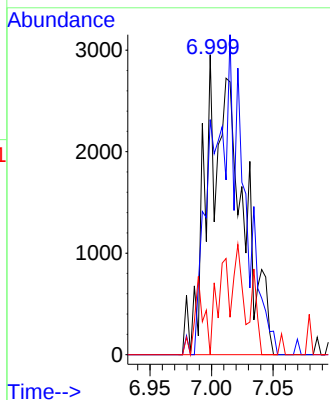
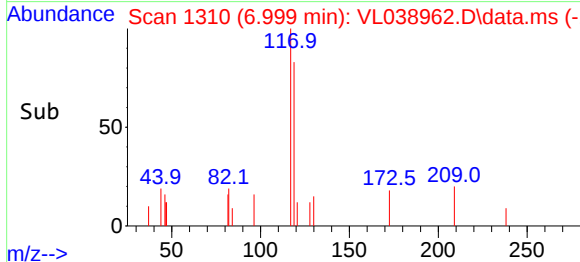
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 5670
Ion Ratio Lower Upper
117 100
119 78.3 75.2 112.8
121 0.0 24.6 37.0

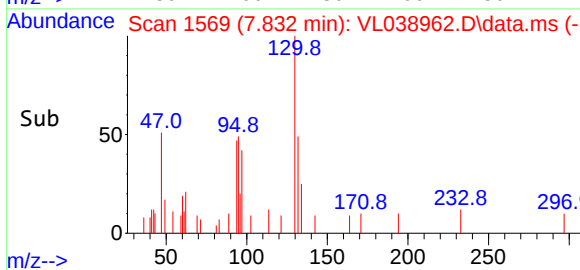
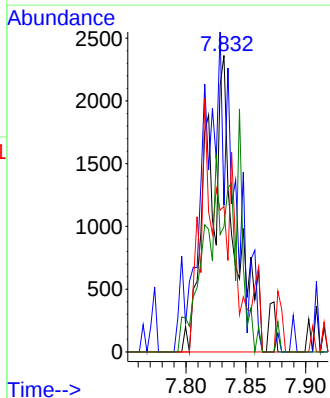
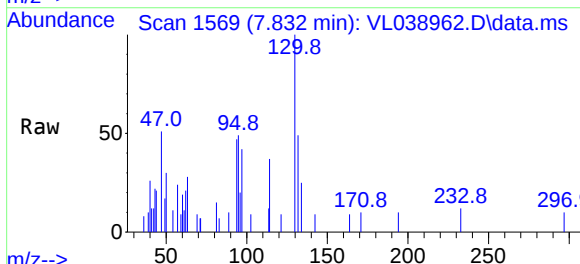
Manual Integrations
APPROVED

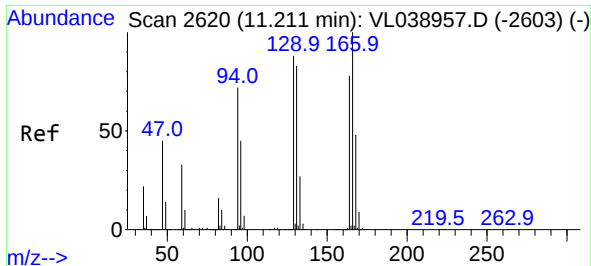
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#38
Trichloroethene
Concen: 0.035 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion:130 Resp: 3813
Ion Ratio Lower Upper
130 100
95 49.4 94.8 142.2#
132 49.0 75.8 113.8#
97 42.3 63.6 95.4#





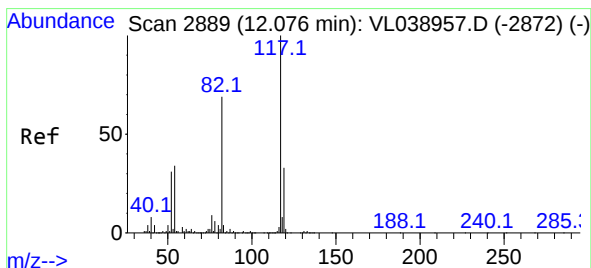
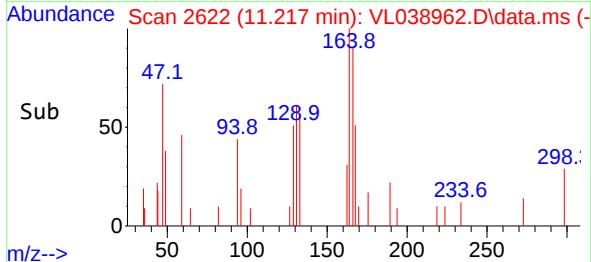
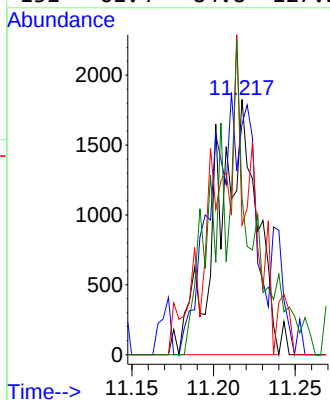
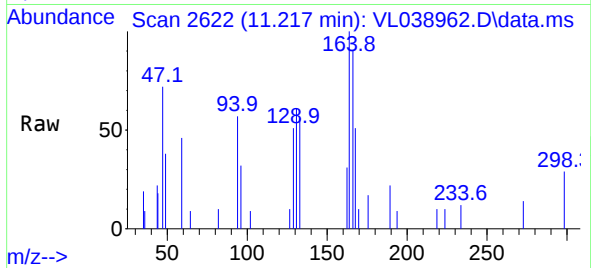
#52
Tetrachloroethene
Concen: 0.030 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. 0.007 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion:164 Resp: 3039
Ion Ratio Lower Upper
164 100
166 90.4 102.5 153.7
129 50.8 90.1 135.1
131 61.4 84.8 127.2

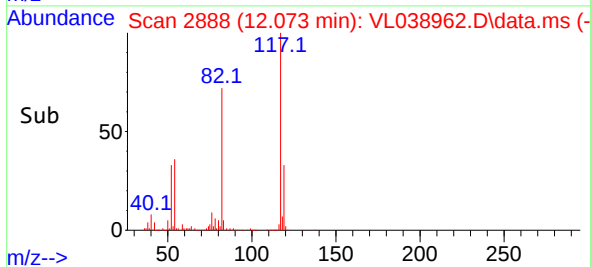
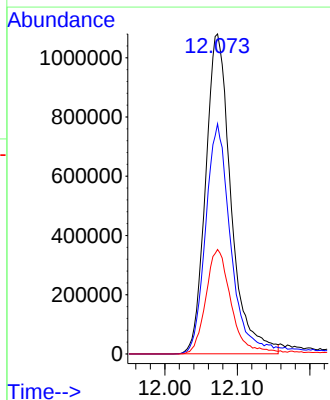
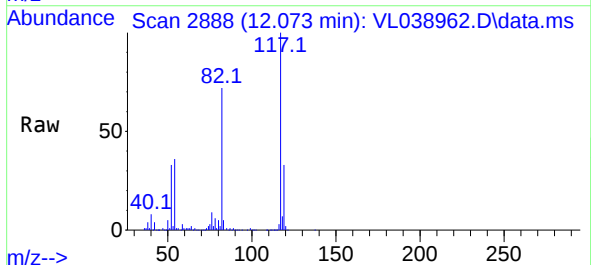
Manual Integrations
APPROVED

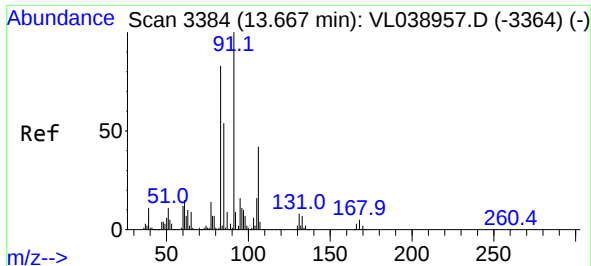
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

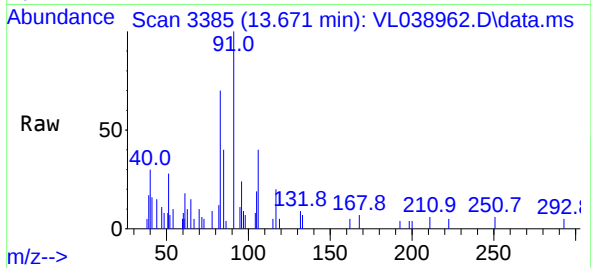
Tgt Ion:117 Resp: 2627798
Ion Ratio Lower Upper
117 100
82 74.0 57.0 85.6
119 34.2 27.2 40.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.021 ppbv m
RT: 13.671 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

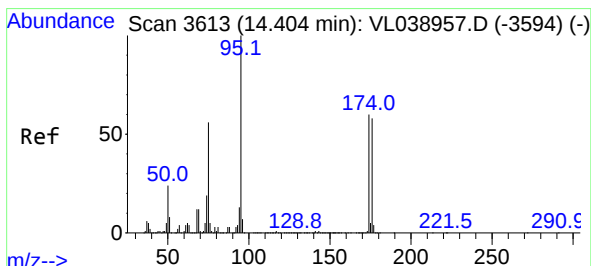
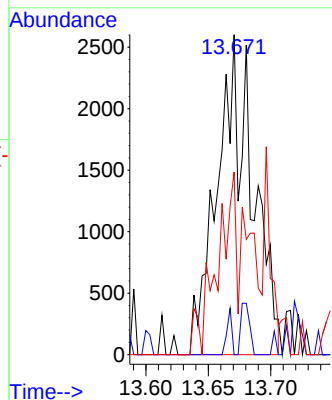
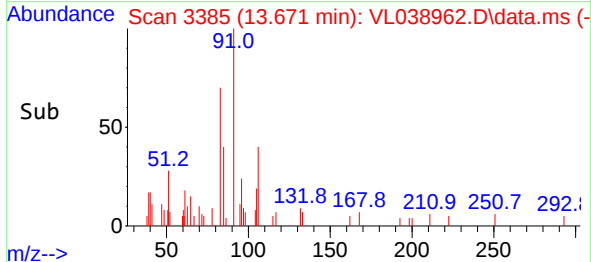
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



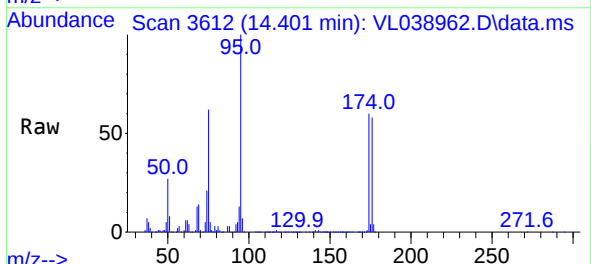
Tgt Ion: 83 Resp: 510
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7
85 0.0 32.8 98.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.320 ppbv
RT: 14.401 min Scan# 3612
Delta R.T. -0.003 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53



Tgt Ion: 95 Resp: 2145114
Ion Ratio Lower Upper
95 100
174 63.2 50.8 76.2
175 4.4 3.8 5.6

