

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038380.D
 Acq On : 22 Feb 2022 7:16
 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 02/23/2022
 Supervised By : Amit Patel 02/23/2022

Quant Time: Feb 22 07:59:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 07:59:15 2022
 QLast Update : Tue Feb 22 07:53:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	927265	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.150	114	2223953	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.053	117	1965185	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.385	95	1622441	10.795	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.000%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.243	62	2426m	0.039	ppbv	
32) 1,1,1-Trichloroethane	6.485	97	5636m	0.033	ppbv	
35) Carbon Tetrachloride	6.993	117	5420m	0.035	ppbv	
38) Trichloroethene	7.816	130	2356m	0.032	ppbv	
52) Tetrachloroethene	11.185	164	2089m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.648	83	7383m	0.043	ppbv	

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

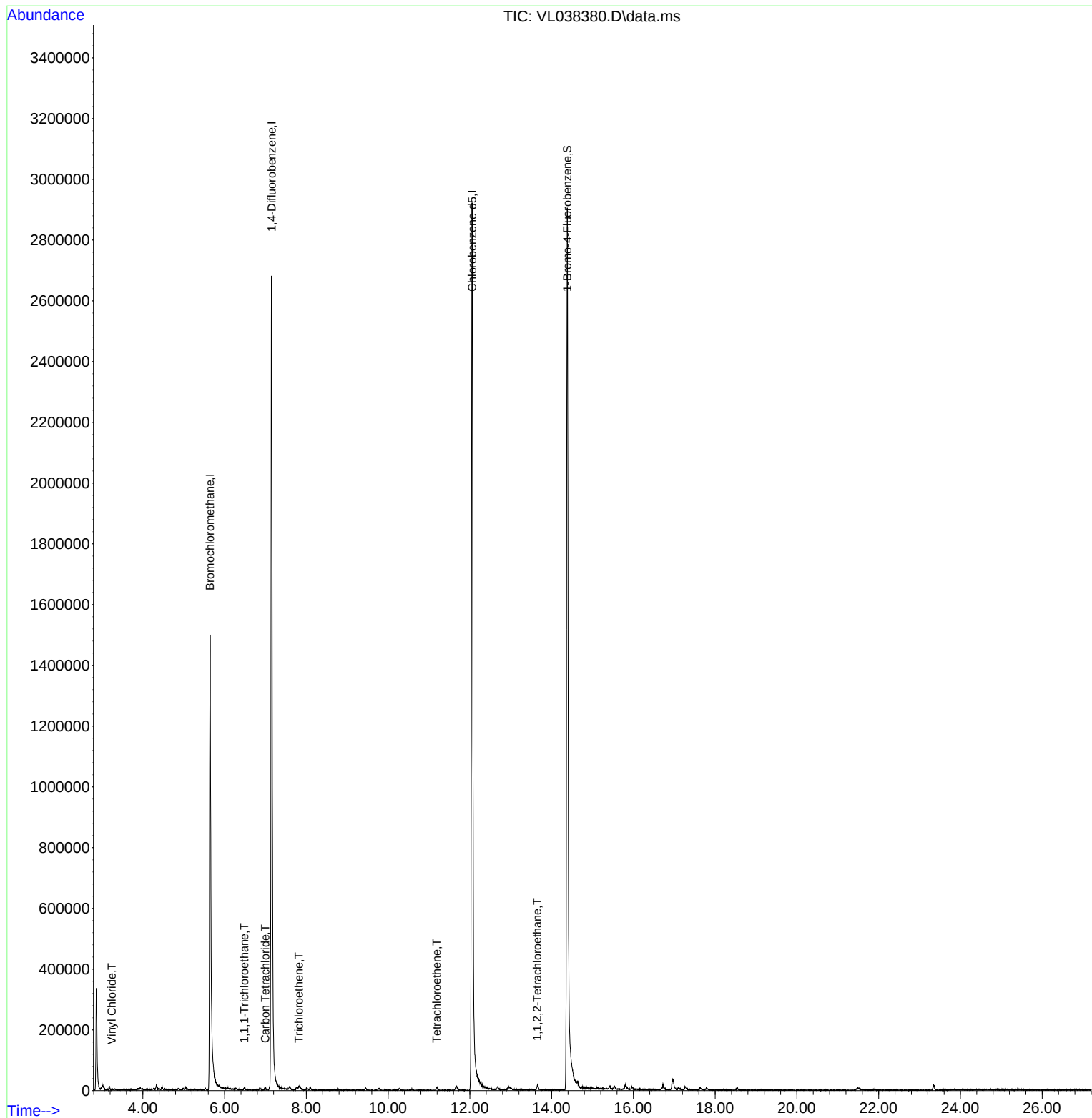
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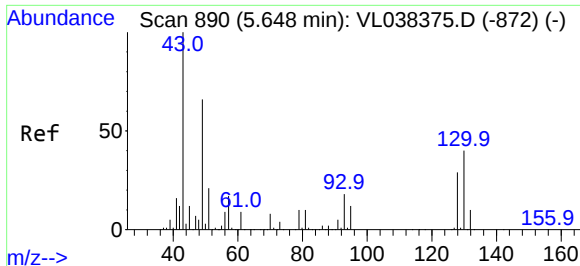
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

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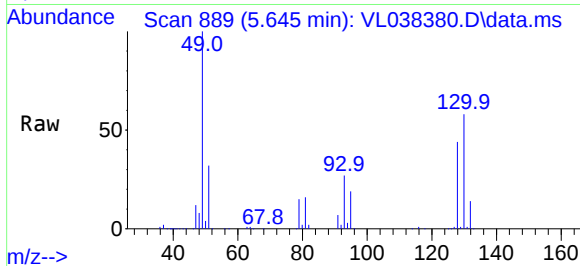
Reviewed By : Semsettin Yesilyurt 02/23/2022
Supervised By : Amit Patel 02/23/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

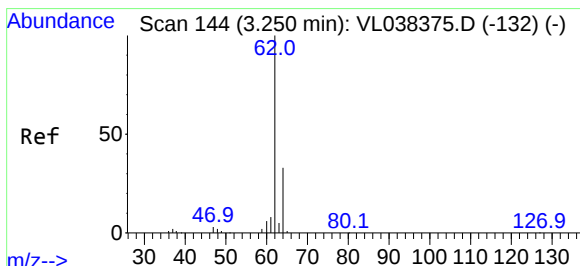
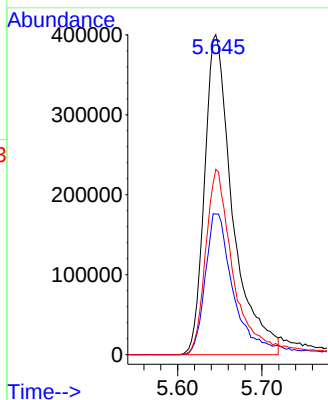
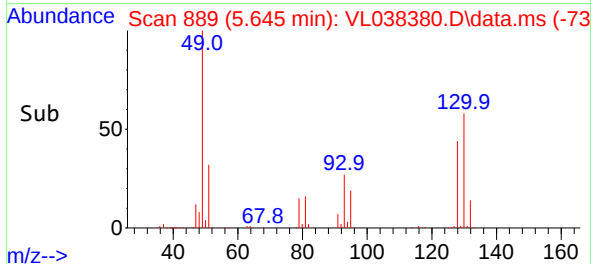
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 49 Resp: 92726
Ion Ratio Lower Upper
49 100
128 47.4 24.3 72.9
130 60.8 30.1 90.5

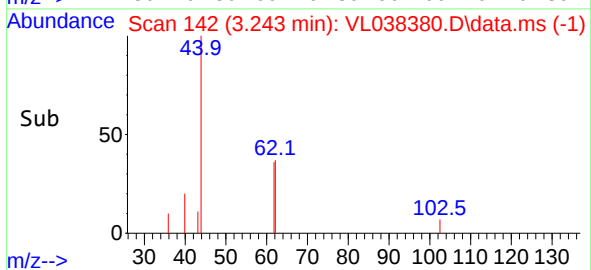
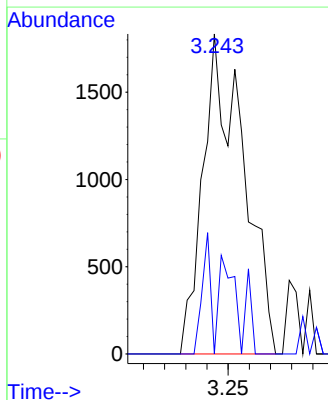
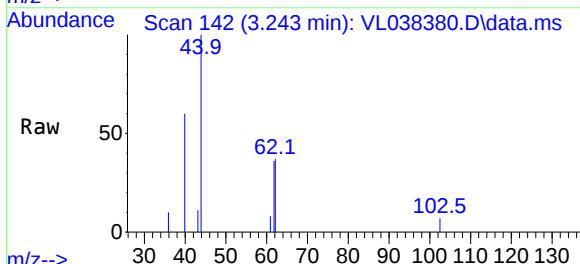
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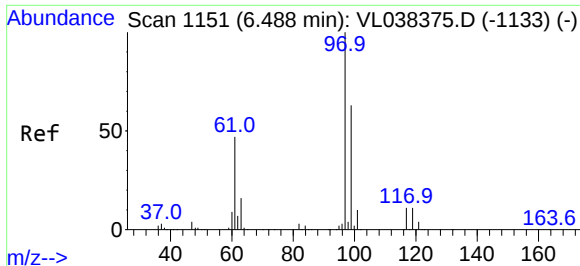
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#5
Vinyl Chloride
Concen: 0.039 ppbv m
RT: 3.243 min Scan# 142
Delta R.T. -0.006 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

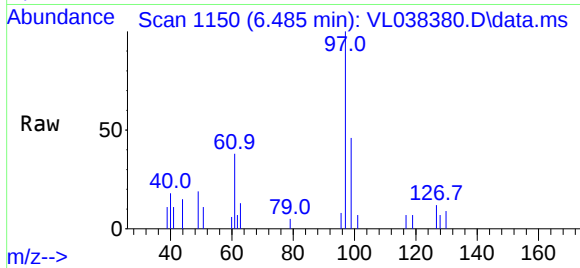
Tgt Ion: 62 Resp: 2426
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#





#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 6.485 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

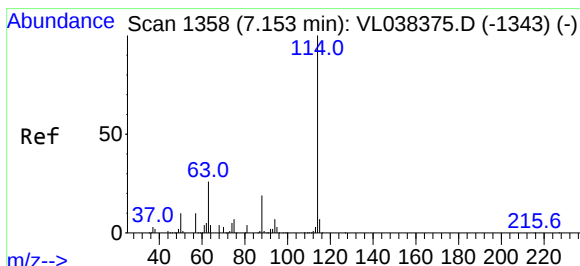
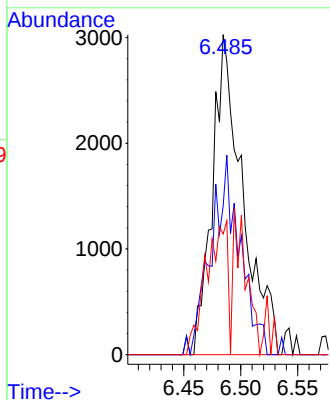
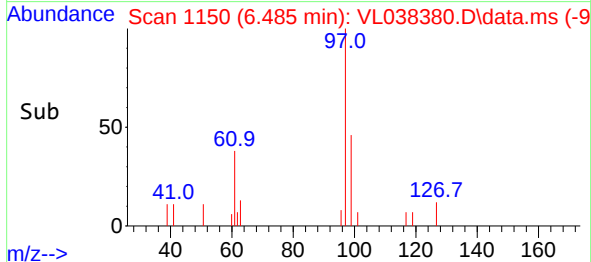
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 97 Resp: 5630
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9
61 52.6 40.5 60.7

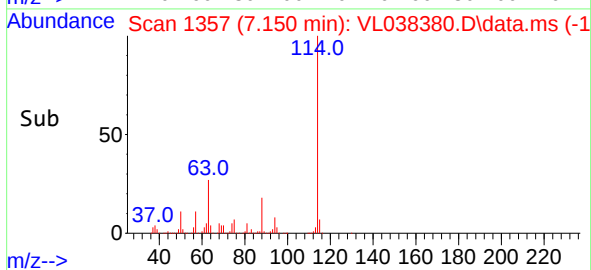
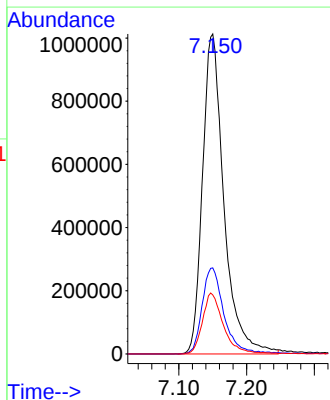
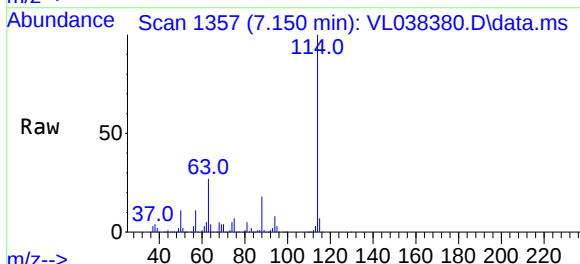
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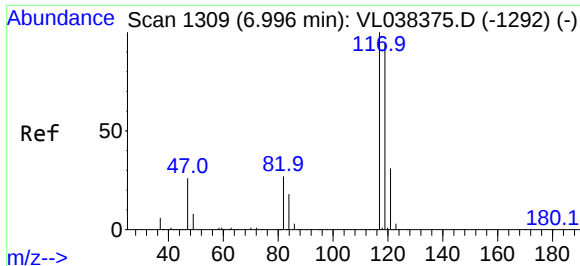
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

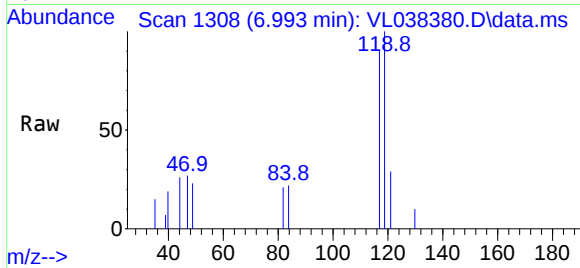
Tgt Ion:114 Resp: 2223953
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 18.8 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.035 ppbv m
RT: 6.993 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

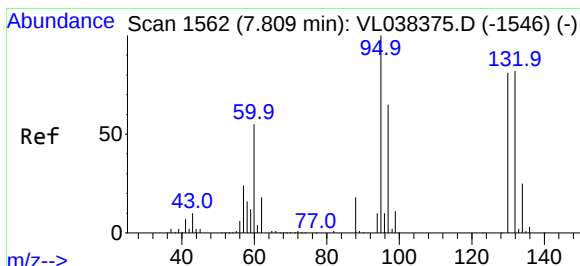
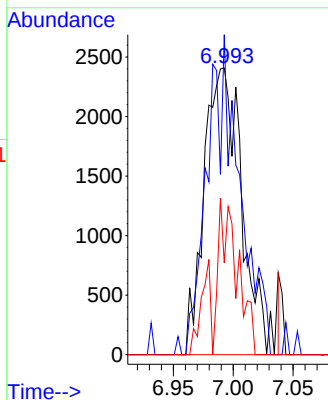
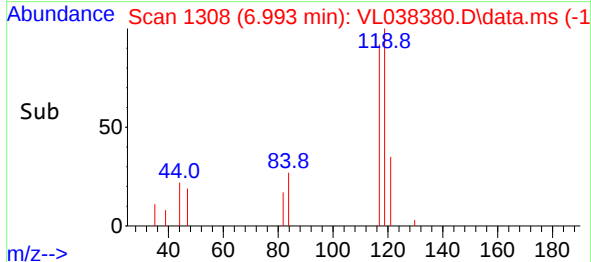
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



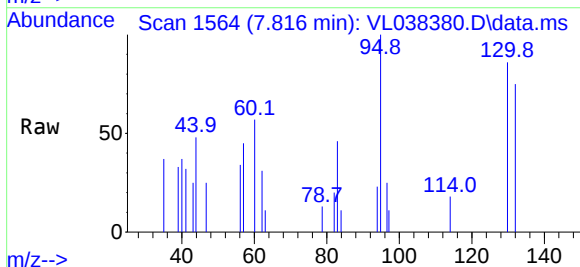
Tgt Ion:117 Resp: 5420
Ion Ratio Lower Upper
117 100
119 111.6 74.9 112.3
121 32.0 24.8 37.2

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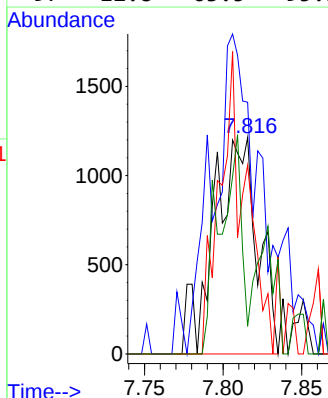
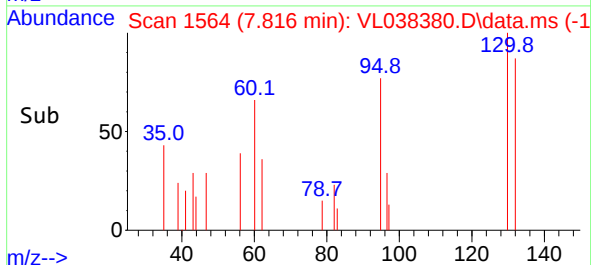
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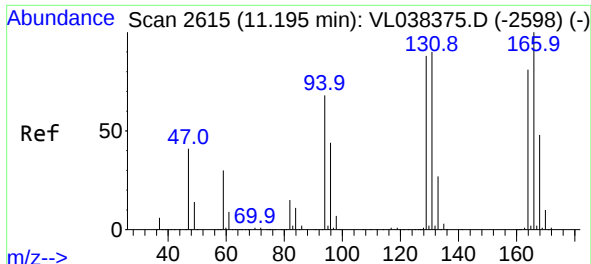


#38
Trichloroethene
Concen: 0.032 ppbv m
RT: 7.816 min Scan# 1564
Delta R.T. 0.007 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16



Tgt Ion:130 Resp: 2356
Ion Ratio Lower Upper
130 100
95 116.2 98.1 147.1
132 87.1 80.3 120.5
97 12.8 63.5 95.3#





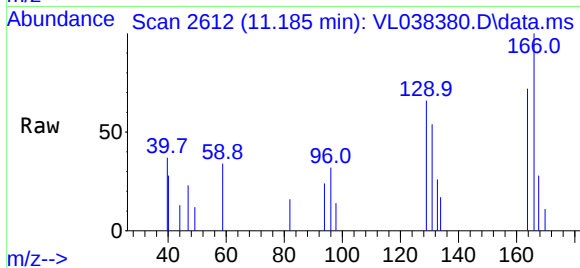
#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 11.185 min Scan# 2612
Delta R.T. -0.009 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

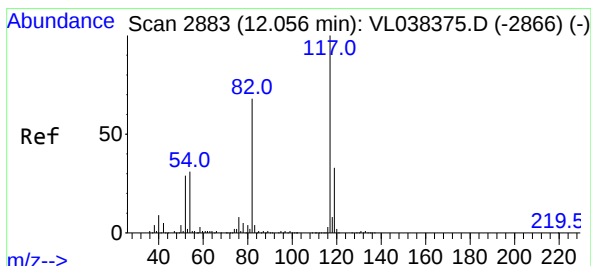
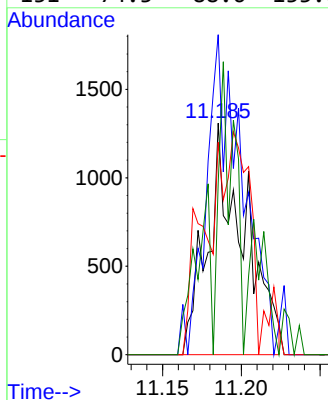
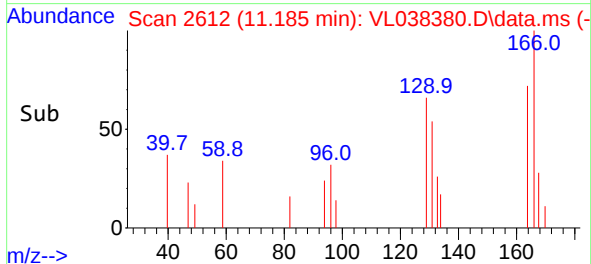


Tgt Ion:164 Resp: 2089
Ion Ratio Lower Upper
164 100
166 138.2 98.6 148.0
129 91.7 86.9 130.3
131 74.3 88.6 133.0#

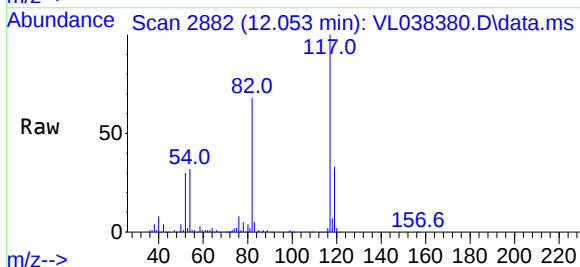
Manual Integrations

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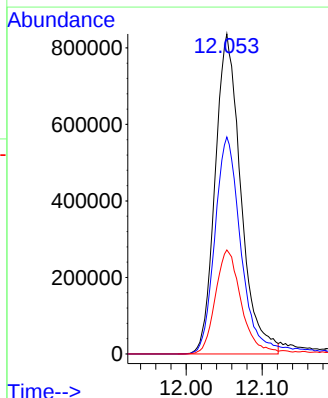
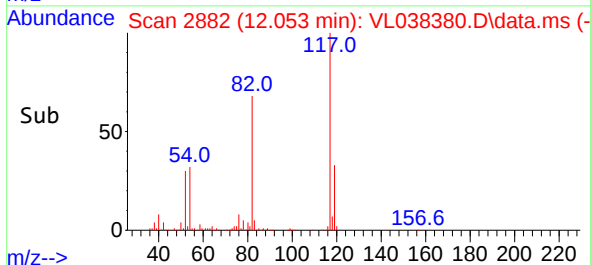
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Supervised By :Amit Patel 02/23/2022

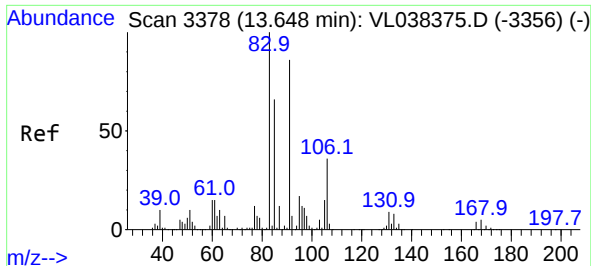


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16



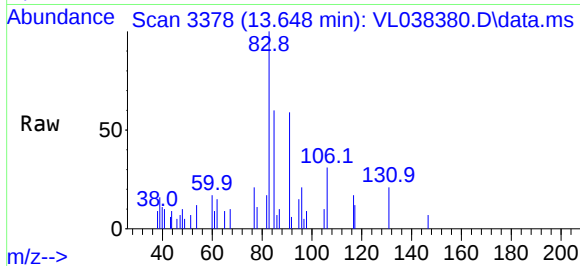
Tgt Ion:117 Resp: 1965185
Ion Ratio Lower Upper
117 100
82 72.8 54.9 82.3
119 34.2 46.1 69.1#





#63
1,1,2-Tetrachloroethane
Concen: 0.043 ppbv m
RT: 13.648 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16

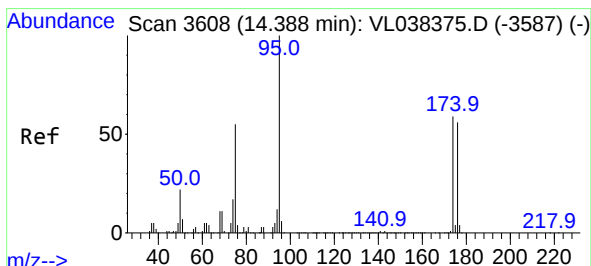
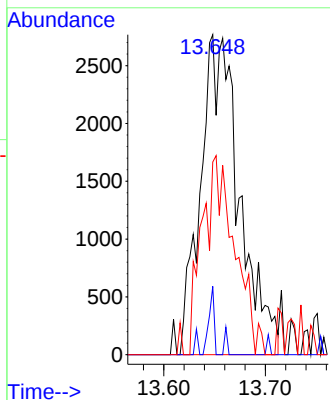
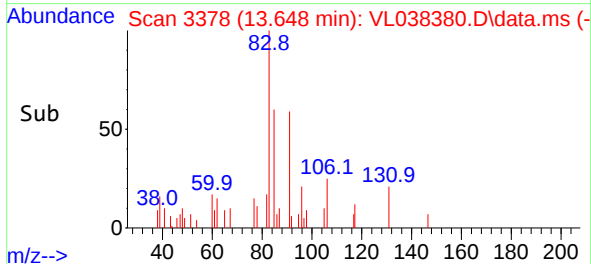
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MSVOA_L
ClientSampleId :
VSTDICC0.03



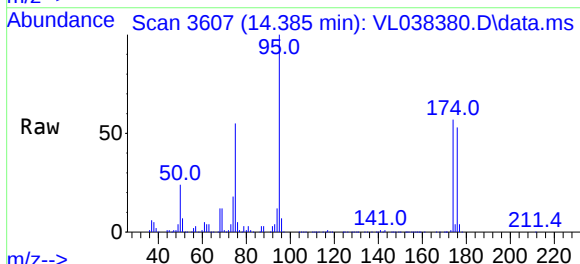
Tgt Ion: 83 Resp: 738
Ion Ratio Lower Upper
83 100
131 4.0 4.5 13.7
85 52.9 33.0 99.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.795 ppbv
RT: 14.385 min Scan# 3607
Delta R.T. -0.003 min
Lab File: VL038380.D
Acq: 22 Feb 2022 7:16



Tgt Ion: 95 Resp: 1622441
Ion Ratio Lower Upper
95 100
174 61.5 49.0 73.4
175 4.4 3.6 5.4

