

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\
 Data File : VL038258.D
 Acq On : 24 Jan 2022 12:33
 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 24 14:02:59 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 2022
 QLast Update : Mon Jan 24 11:15:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	835288	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2194315	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	1854011	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1334621	9.341	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.266	62	2025m	0.033	ppbv	
32) 1,1,1-Trichloroethane	6.523	97	4612m	0.027	ppbv	
35) Carbon Tetrachloride	7.025	117	4975m	0.037	ppbv	
38) Trichloroethene	7.851	130	2460m	0.032	ppbv	
52) Tetrachloroethene	11.227	164	2417m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.687	83	5861m	0.033	ppbv	

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

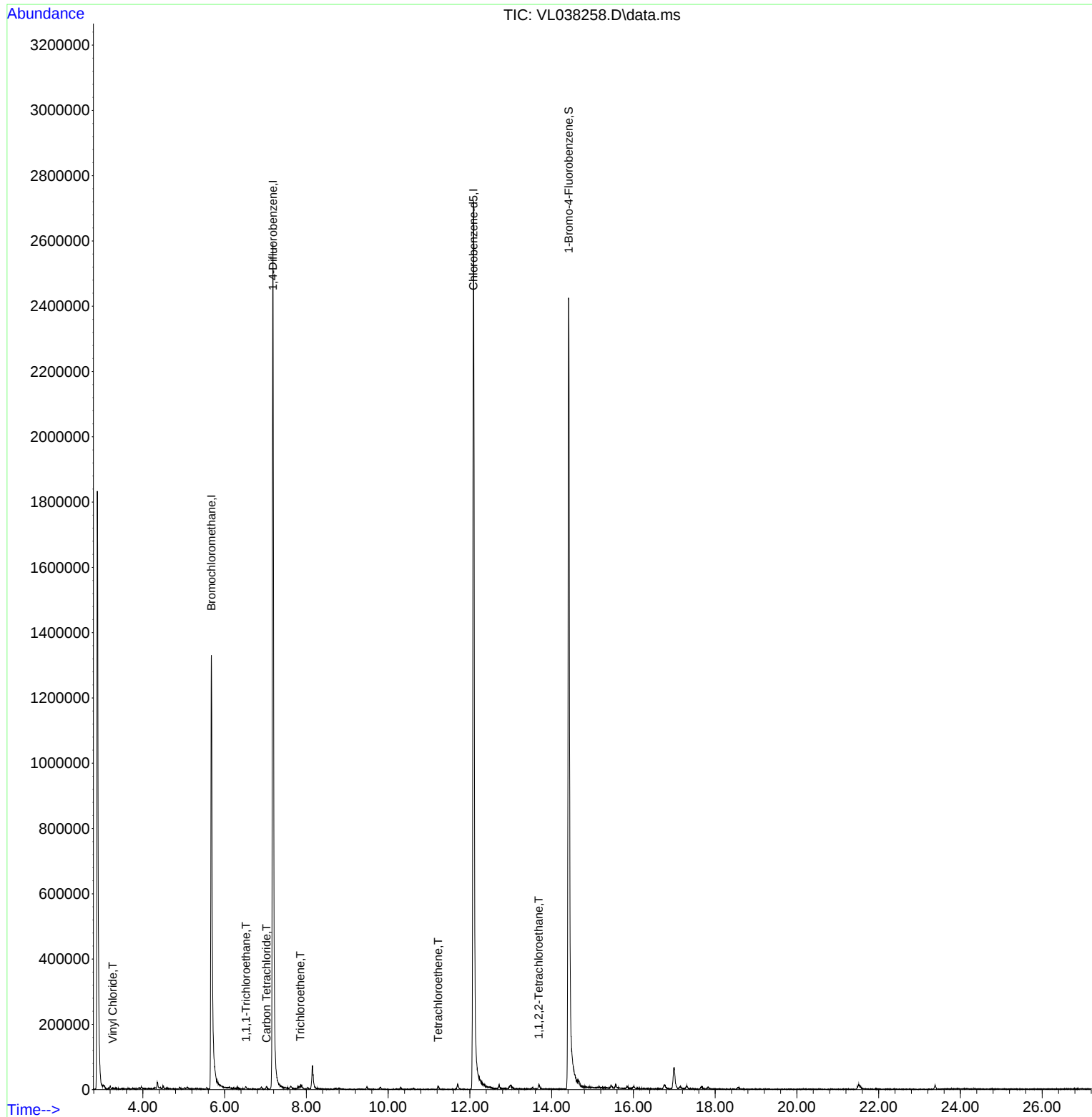
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\
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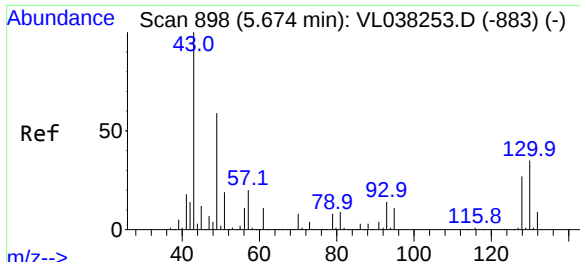
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 24 14:02:59 2022
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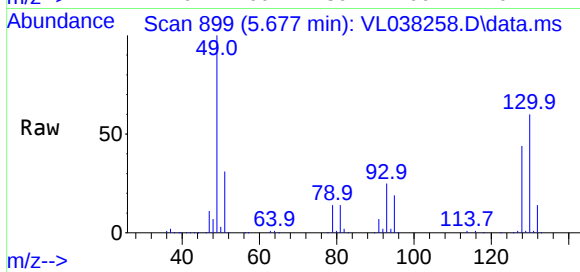
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

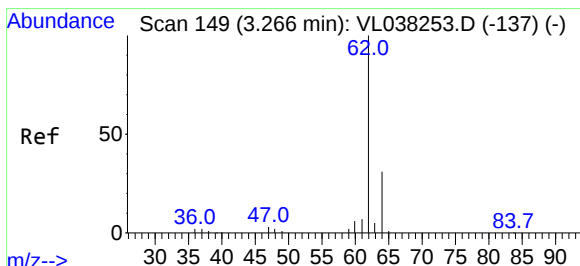
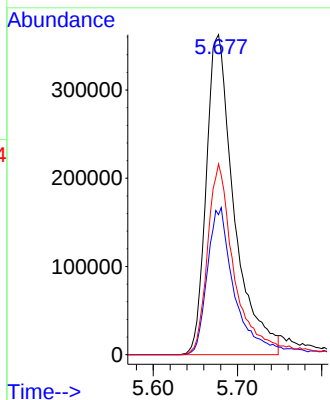
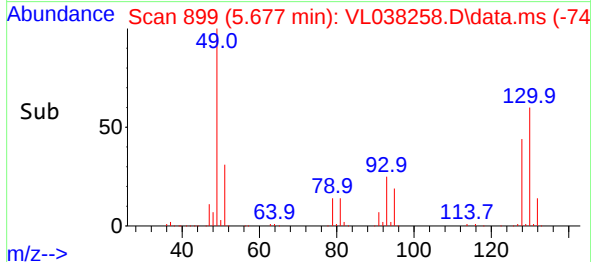
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



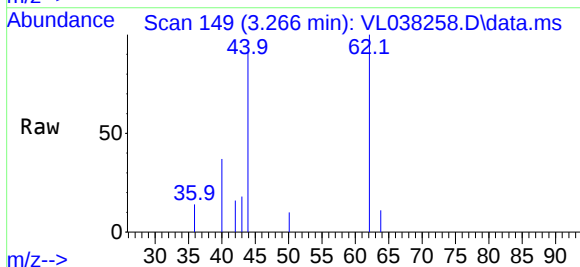
Tgt Ion: 49 Resp: 835288
Ion Ratio Lower Upper
49 100
128 47.1 24.5 73.5
130 59.1 30.1 90.5

Manual Integrations
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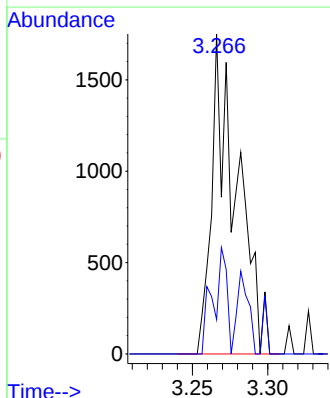
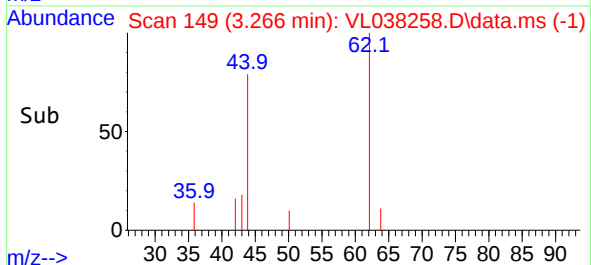
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

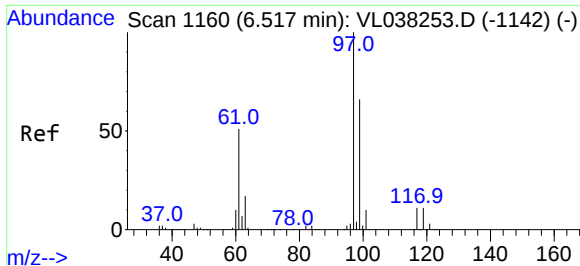


#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 3.266 min Scan# 149
Delta R.T. 0.000 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33



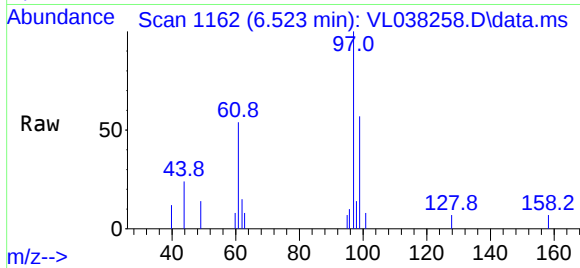
Tgt Ion: 62 Resp: 2025
Ion Ratio Lower Upper
62 100
64 10.7 24.4 36.6#





#32
1,1,1-Trichloroethane
Concen: 0.027 ppbv m
RT: 6.523 min Scan# 1160
Delta R.T. 0.007 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

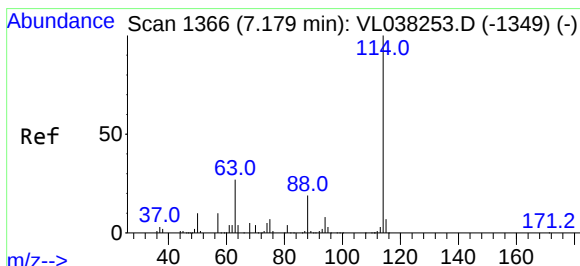
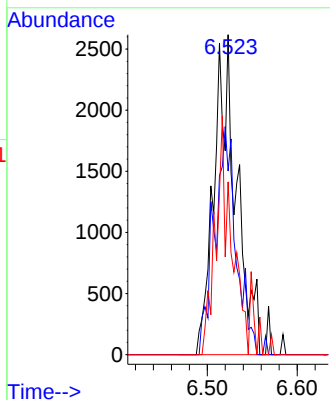
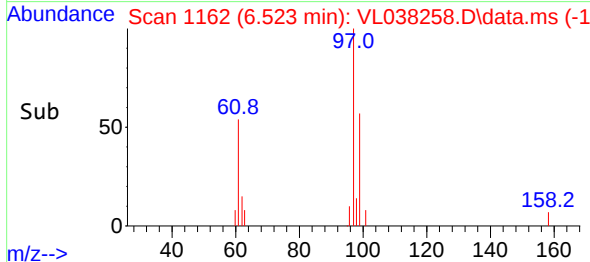
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 97 Resp: 461
Ion Ratio Lower Upper
97 100
99 68.5 51.5 77.3
61 57.1 40.5 60.7

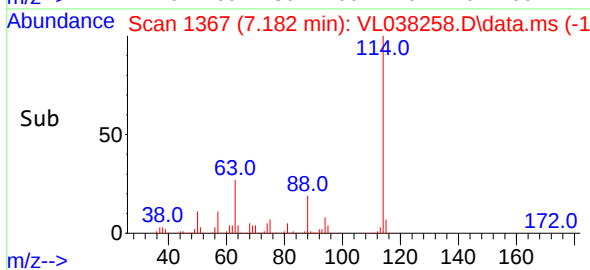
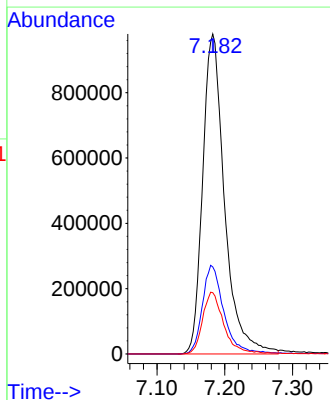
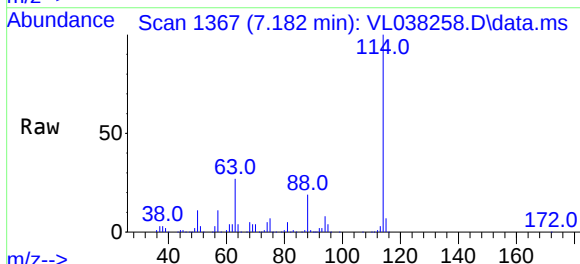
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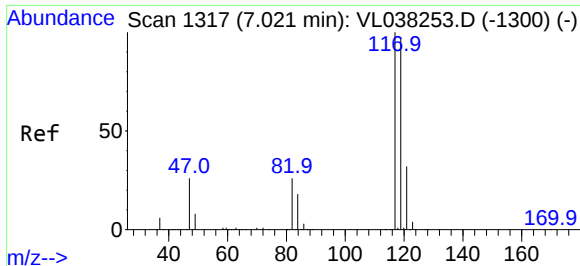
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.003 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

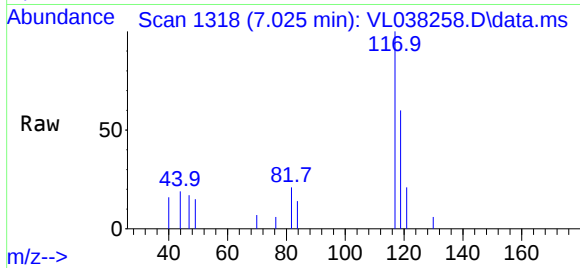
Tgt Ion:114 Resp: 2194315
Ion Ratio Lower Upper
114 100
63 27.6 22.0 33.0
88 19.0 15.0 22.6





#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 7.025 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

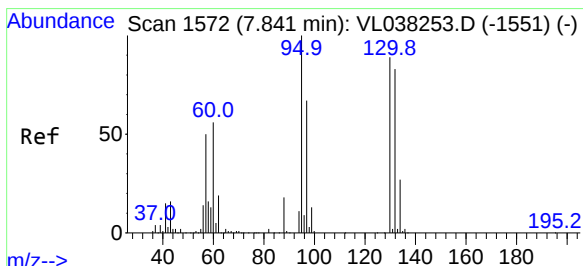
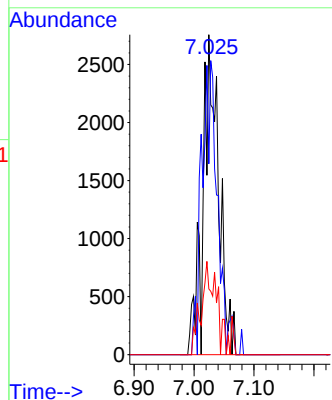
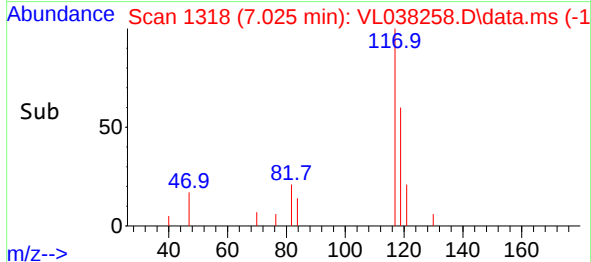
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



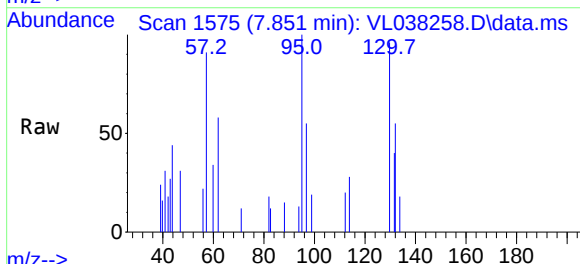
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
119 59.7 77.9 116.9#
121 20.6 25.4 38.2#

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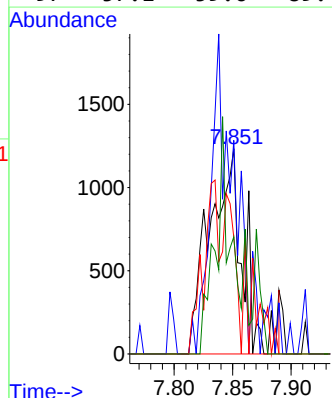
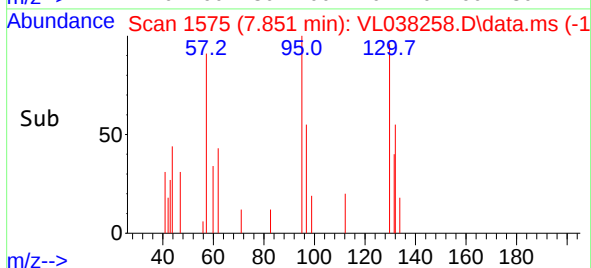
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

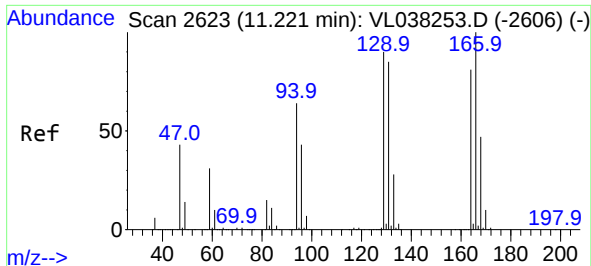


#38
Trichloroethene
Concen: 0.032 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.010 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33



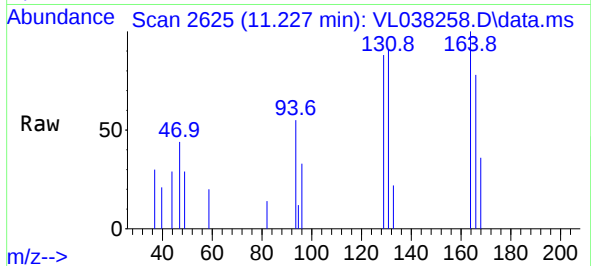
Tgt Ion:130 Resp: 2460
Ion Ratio Lower Upper
130 100
95 104.1 89.4 134.2
132 56.7 74.6 111.8#
97 57.1 59.6 89.4#





#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

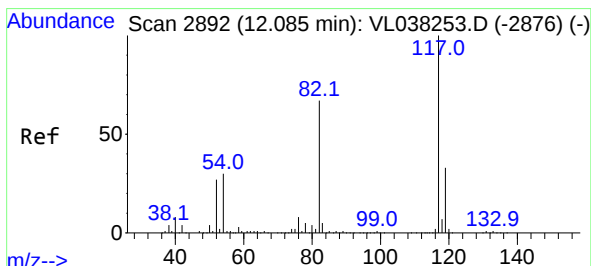
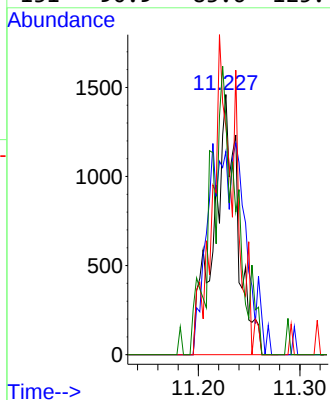
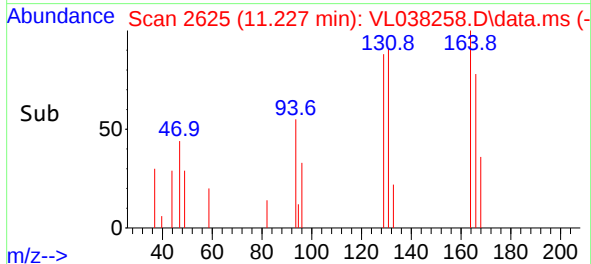
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



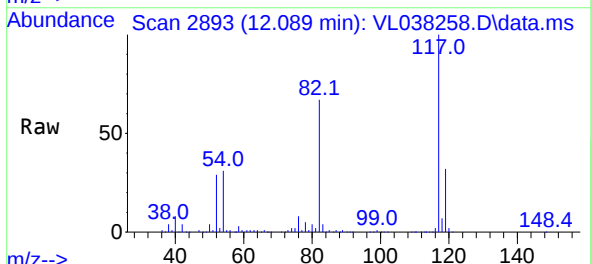
Tgt Ion:164 Resp: 241
Ion Ratio Lower Upper
164 100
166 78.1 98.8 148.2
129 87.7 89.2 133.8
131 90.9 83.6 125.4

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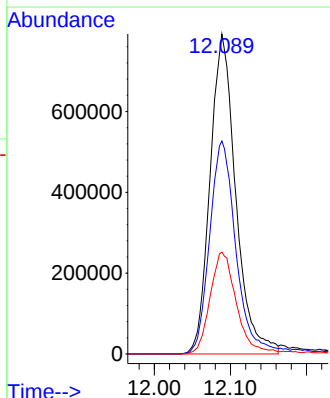
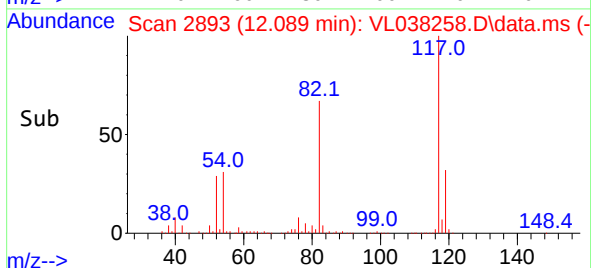
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

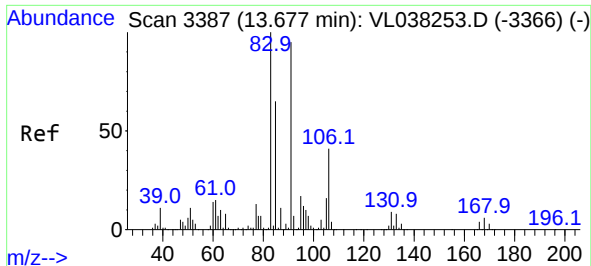


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33



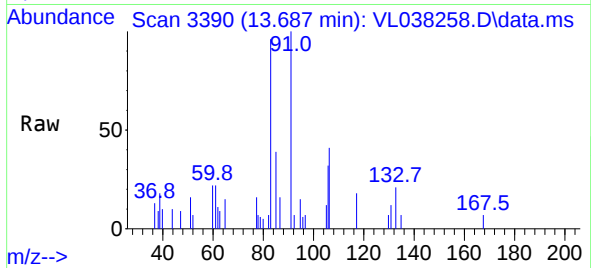
Tgt Ion:117 Resp: 1854011
Ion Ratio Lower Upper
117 100
82 69.7 54.4 81.6
119 33.4 45.9 68.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv m
RT: 13.687 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

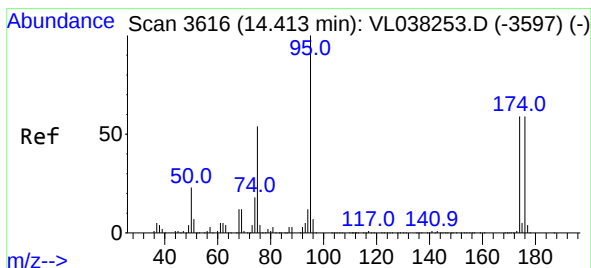
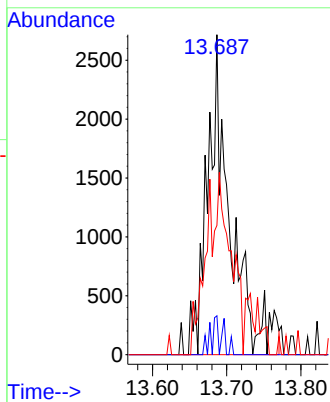
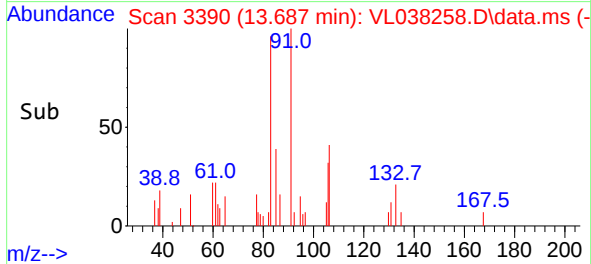
Instrument :
MSVOA_L
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VSTDICC0.03



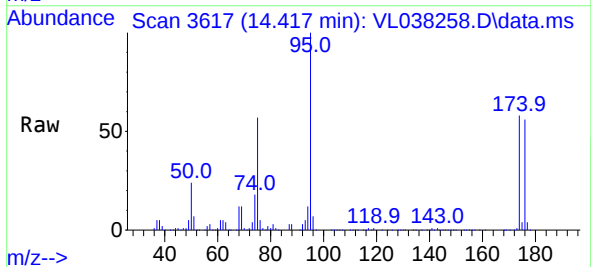
Tgt Ion: 83 Resp: 586
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 32.8 98.4

Manual Integrations
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Supervised By :Mahesh Dadoda 01/26/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.341 ppbv
RT: 14.417 min Scan# 3617
Delta R.T. 0.003 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33



Tgt Ion: 95 Resp: 1334621
Ion Ratio Lower Upper
95 100
174 63.1 48.3 72.5
175 4.5 3.5 5.3

