

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
 Data File : VL038561.D
 Acq On : 8 Mar 2022 20:34
 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 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022

Quant Time: Mar 08 21:13:36 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Mar 08 2022

QLast Update : Tue Mar 08 20:18:37 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	858930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.159	114	2130085	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	1881326	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1434865	10.027	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
						Qvalue
5) Vinyl Chloride	3.259	62	1890m	0.029	ppbv	
32) 1,1,1-Trichloroethane	6.500	97	4421m	0.027	ppbv	
35) Carbon Tetrachloride	7.005	117	5064m	0.031	ppbv	
38) Trichloroethene	7.825	130	2597m	0.030	ppbv	
52) Tetrachloroethene	11.204	164	2142m	0.026	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.670	83	5943m	0.031	ppbv	

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

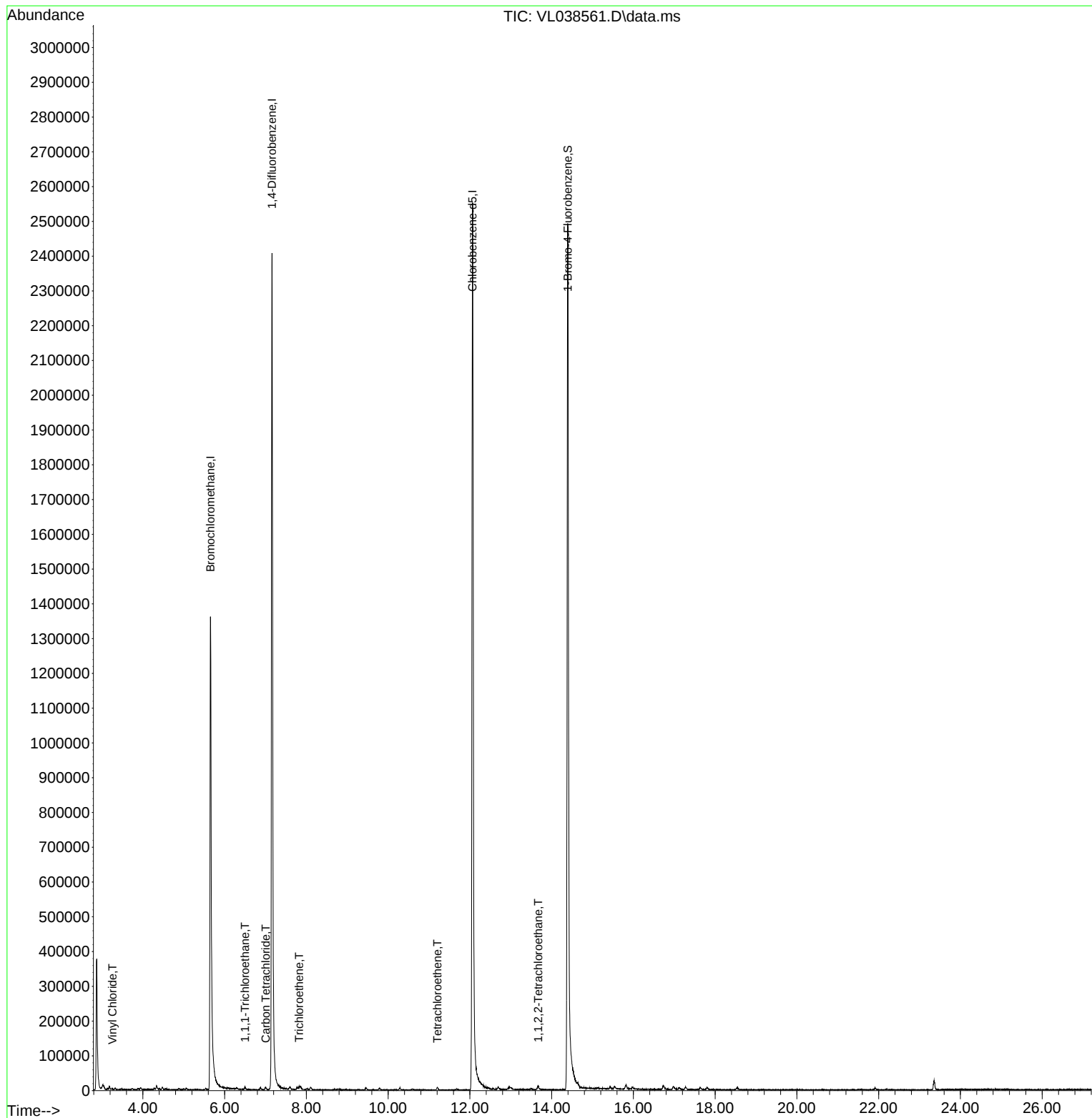
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
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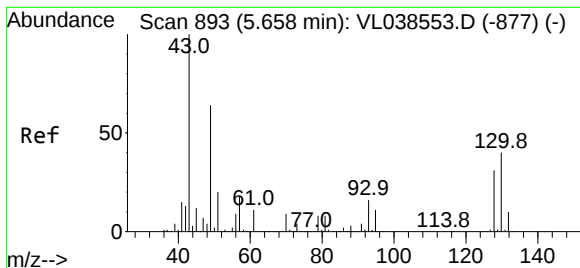
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Mar 08 21:13:36 2022
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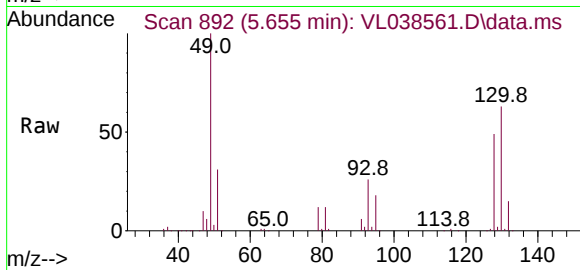
Reviewed By : Semsettin Yesilyurt 03/13/2022
Supervised By : Mahesh Dadoda 03/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

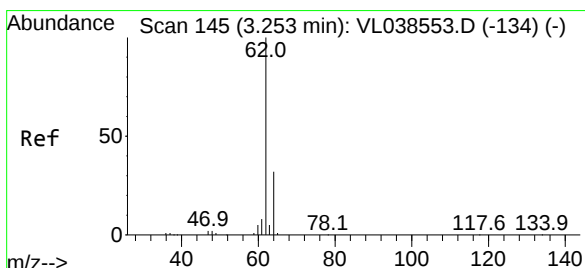
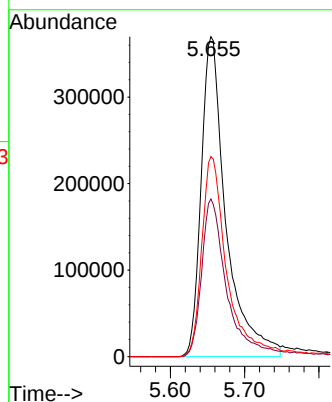
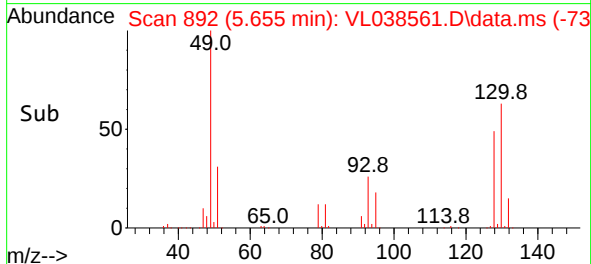
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 858930
Ion Ratio Lower Upper
49 100
128 51.6 26.4 79.2
130 65.6 33.0 98.9

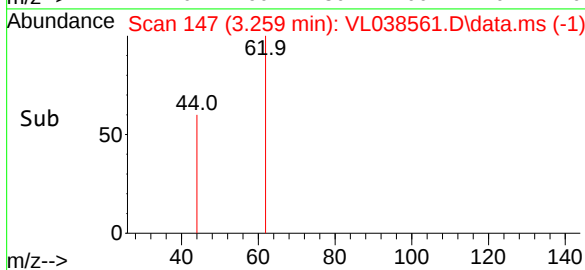
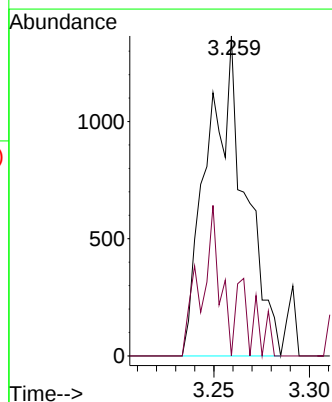
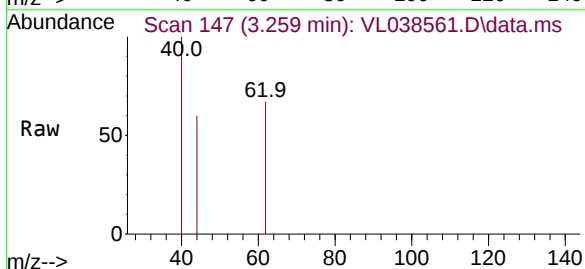
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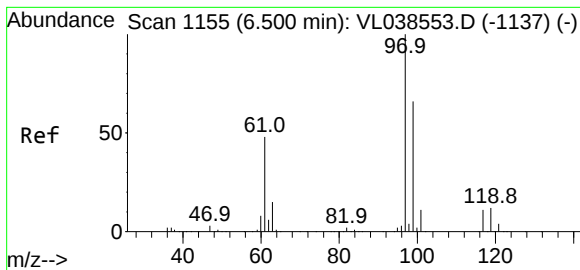
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#5
Vinyl Chloride
Concen: 0.029 ppbv m
RT: 3.259 min Scan# 147
Delta R.T. 0.006 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

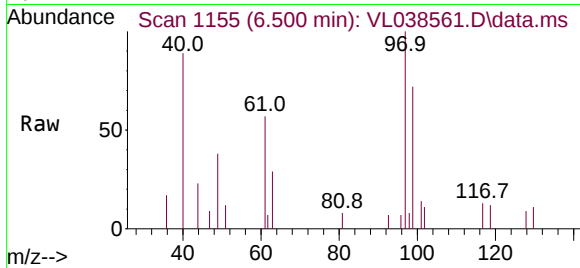
Tgt Ion: 62 Resp: 1890
Ion Ratio Lower Upper
62 100
64 0.0 25.8 38.6#





#32
1,1,1-Trichloroethane
Concen: 0.027 ppbv m
RT: 6.500 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

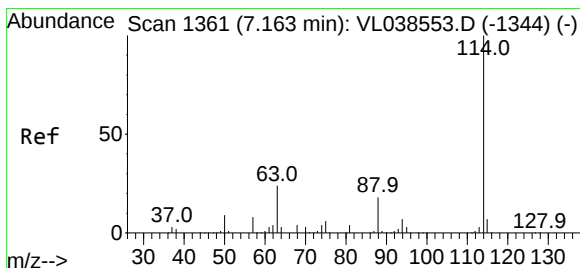
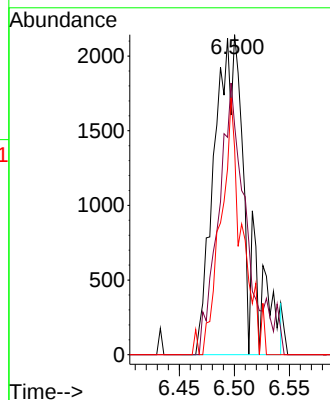
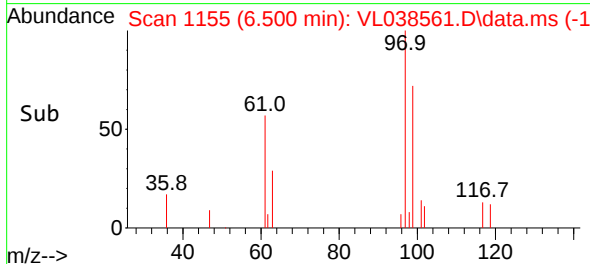
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 442
Ion Ratio Lower Upper
97 100
99 73.1 52.1 78.1
61 53.0 37.7 56.5

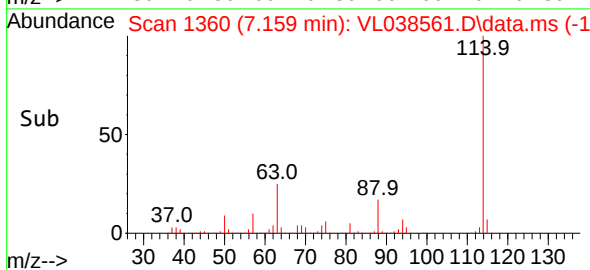
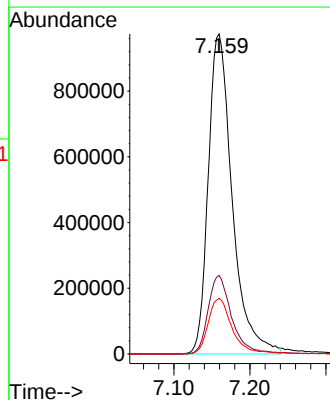
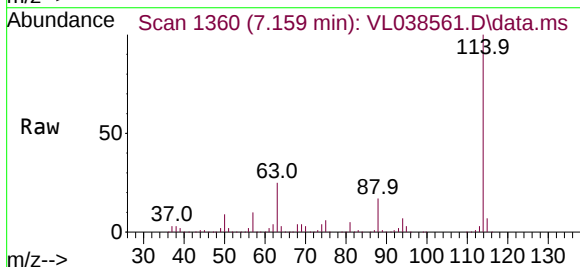
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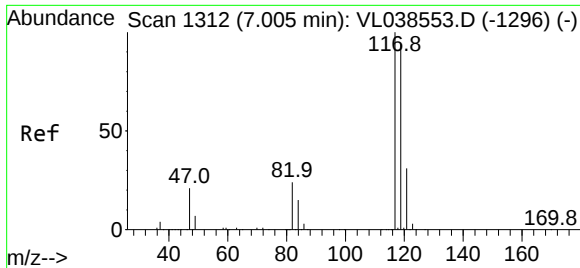
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.159 min Scan# 1360
Delta R.T. -0.003 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

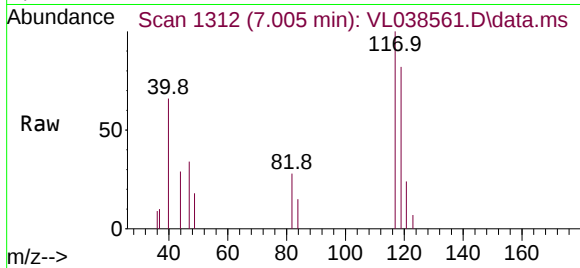
Tgt Ion:114 Resp: 2130085
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 17.6 13.9 20.9





#35
Carbon Tetrachloride
Concen: 0.031 ppbv m
RT: 7.005 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

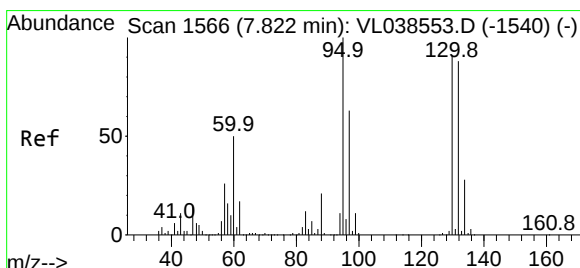
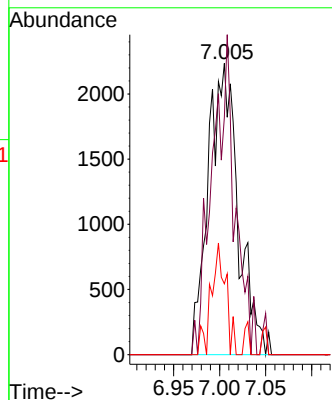
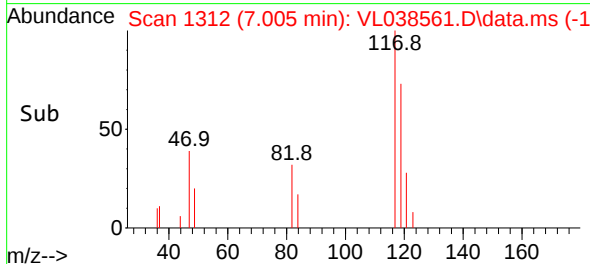
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.03



Tgt Ion:117 Resp: 5064
Ion Ratio Lower Upper
117 100
119 81.5 75.2 112.8
121 24.3 24.8 37.2

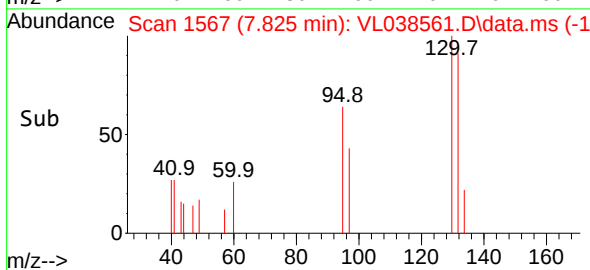
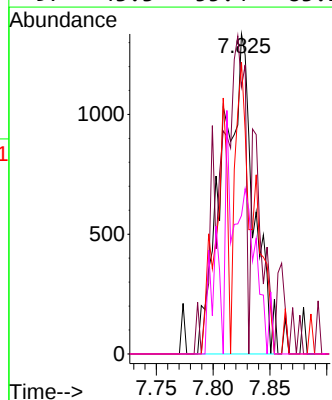
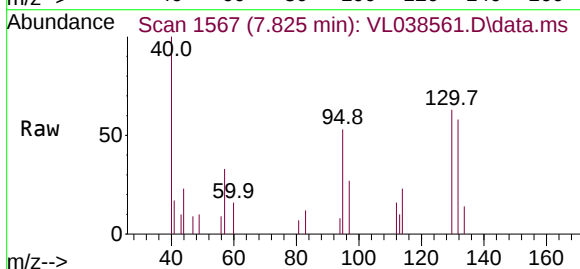
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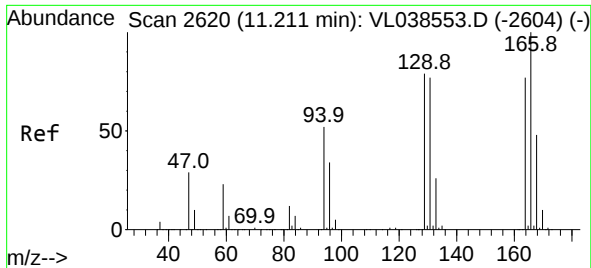
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#38
Trichloroethene
Concen: 0.030 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. 0.003 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

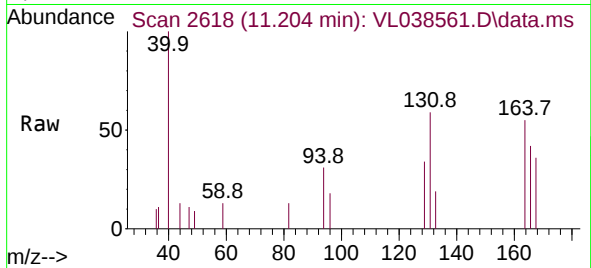
Tgt Ion:130 Resp: 2597
Ion Ratio Lower Upper
130 100
95 83.5 87.8 131.8#
132 91.2 77.5 116.3
97 43.3 55.4 83.2#





#52
Tetrachloroethene
Concen: 0.026 ppbv m
RT: 11.204 min Scan# 2618
Delta R.T. -0.007 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

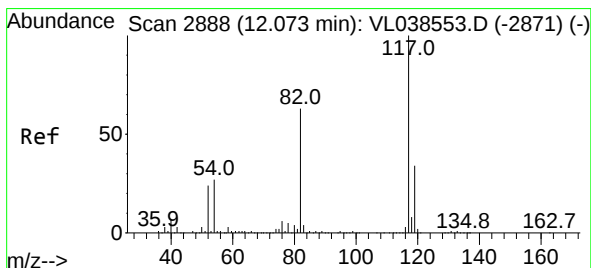
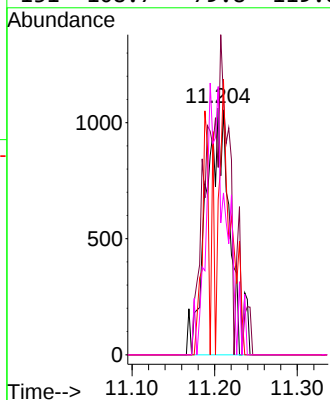
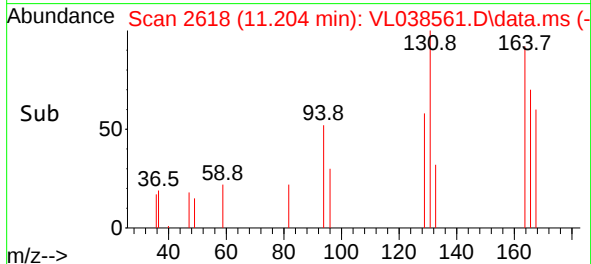
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 214
Ion Ratio Lower Upper
164 100
166 75.9 103.4 155.2
129 63.0 81.3 121.9
131 108.7 79.8 119.8

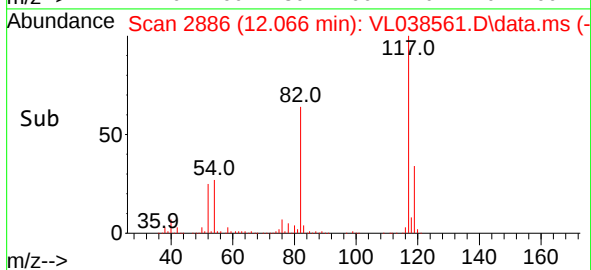
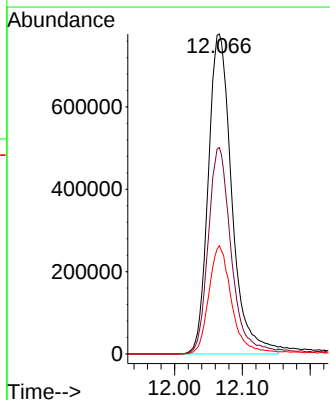
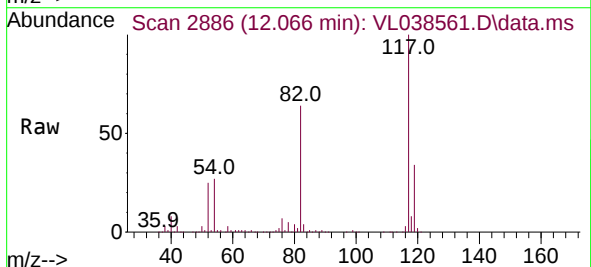
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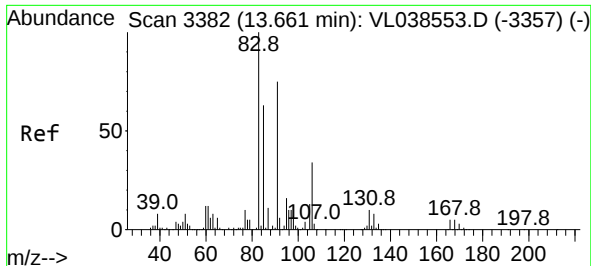
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.007 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

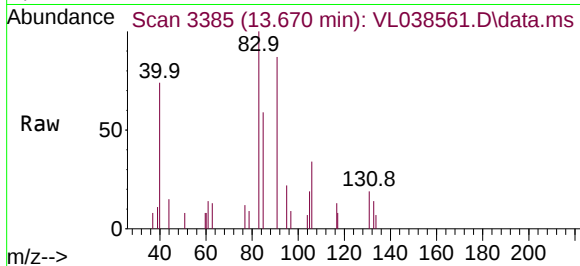
Tgt Ion:117 Resp: 1881326
Ion Ratio Lower Upper
117 100
82 64.3 52.5 78.7
119 33.8 46.4 69.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv m
RT: 13.670 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34

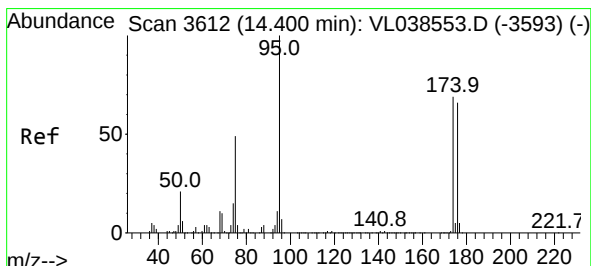
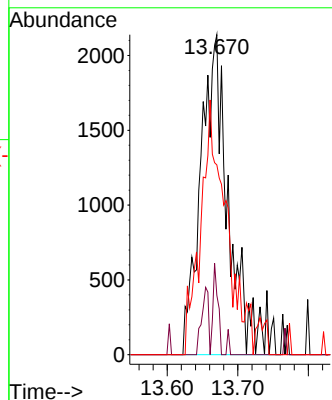
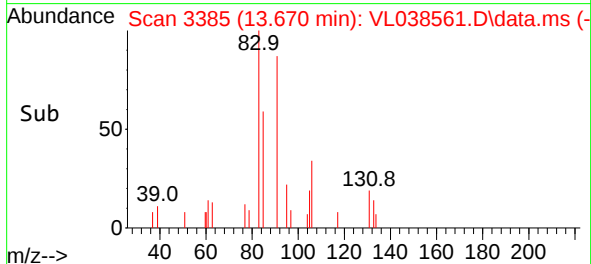
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



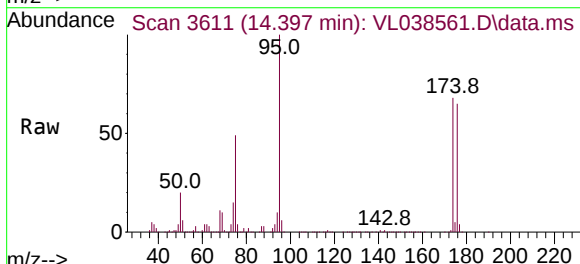
Tgt Ion: 83 Resp: 594
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1
85 71.9 32.6 98.0

Manual Integrations
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Supervised By :Mahesh Dadoda 03/14/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.027 ppbv
RT: 14.397 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VL038561.D
Acq: 8 Mar 2022 20:34



Tgt Ion: 95 Resp: 1434865
Ion Ratio Lower Upper
95 100
174 71.1 56.2 84.4
175 5.1 4.2 6.2

