

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039815.D
 Acq On : 2 Nov 2022 13:54
 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 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 14:28:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Nov 02 11:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1070767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2953853	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2714464	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2059882	10.668	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.700%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.934	62	1976m	0.030	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	5334m	0.036	ppbv	
35) Carbon Tetrachloride	6.487	117	5189m	0.031	ppbv	
38) Trichloroethene	7.282	130	4345m	0.034	ppbv	
52) Tetrachloroethene	10.606	164	3545m	0.042	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.043	83	4160m	0.038	ppbv	

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

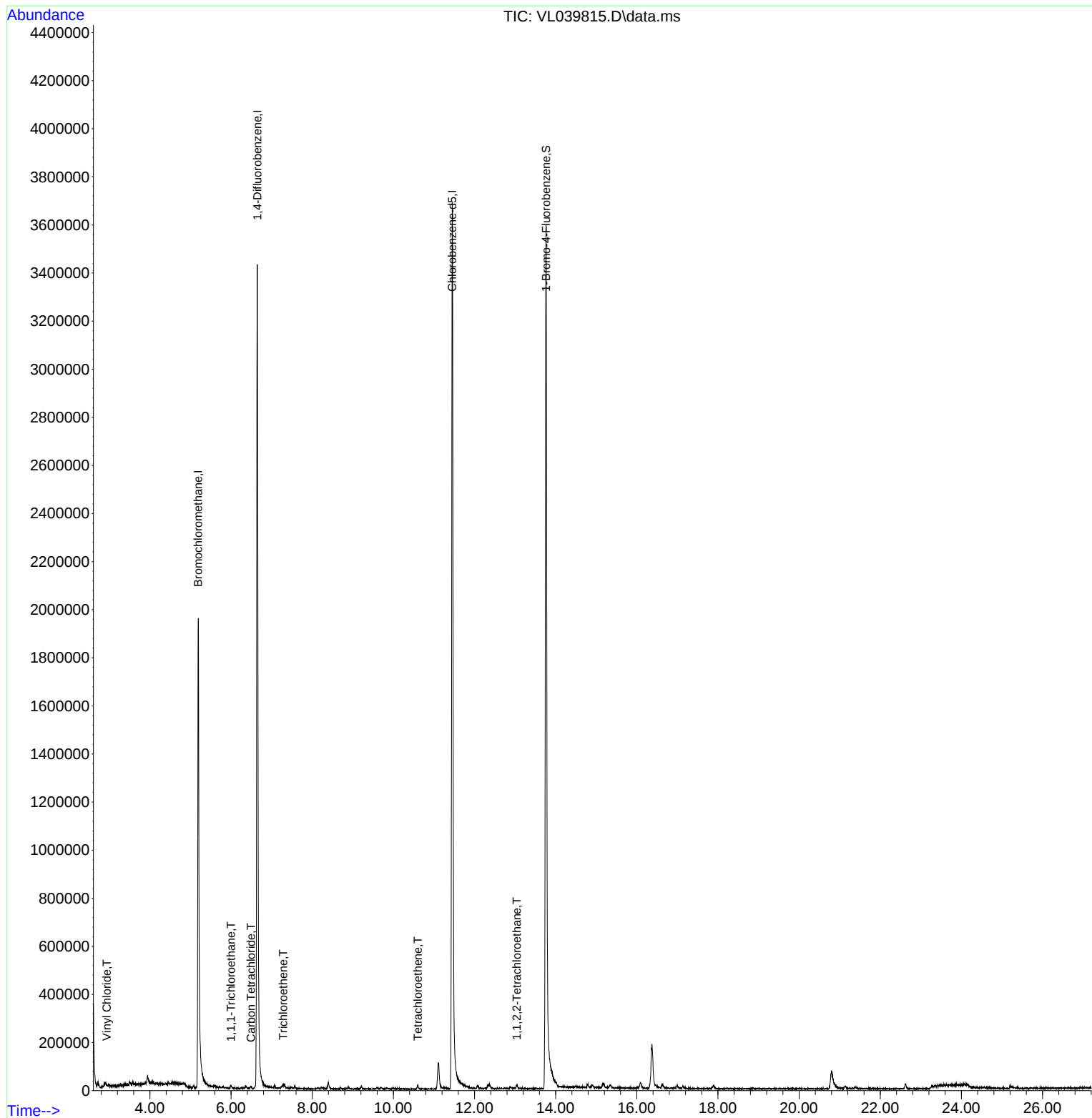
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
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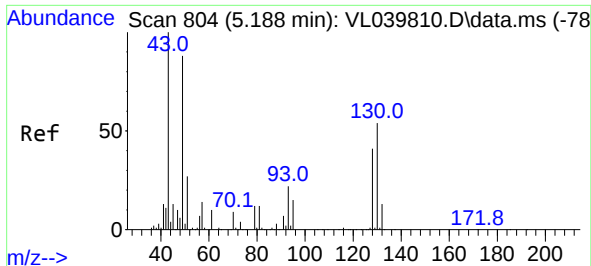
Instrument :
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ClientSampleId :
VSTDICC0.03

Quant Time: Nov 02 14:28:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
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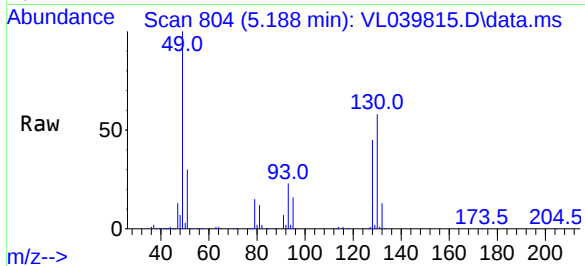
Reviewed By : Semsettin Yesilyurt 11/03/2022
Supervised By : Mahesh Dadoda 11/03/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

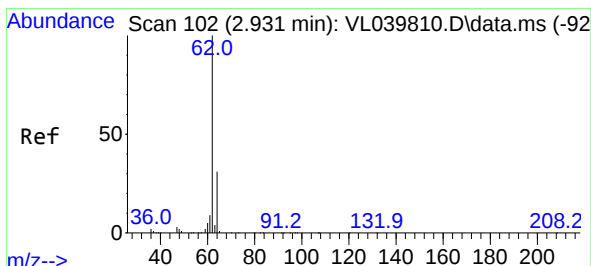
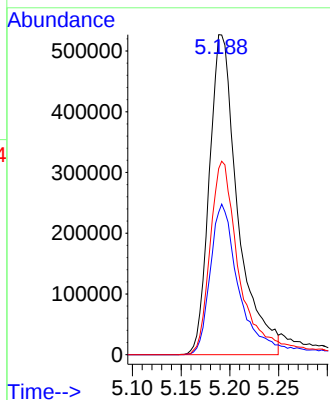
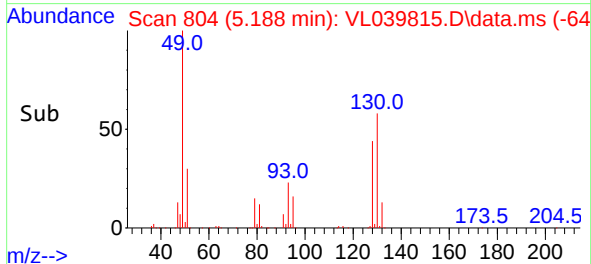
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



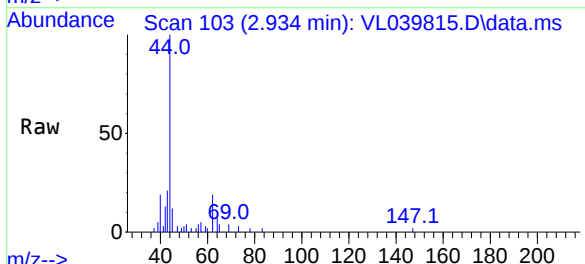
Tgt Ion: 49 Resp: 107076
Ion Ratio Lower Upper
49 100
128 49.8 24.6 73.6
130 65.8 31.1 93.2

Manual Integrations
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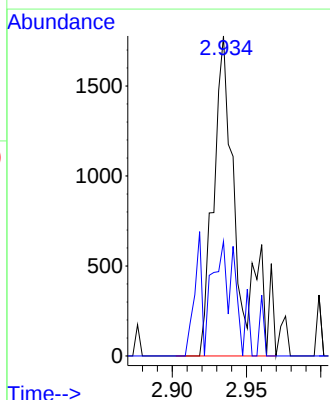
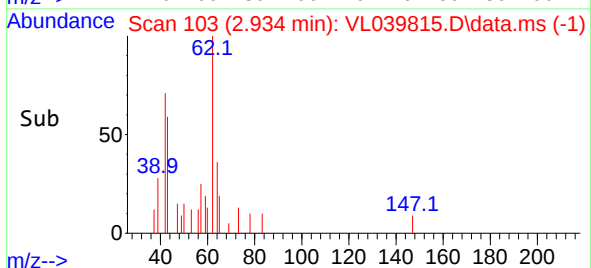
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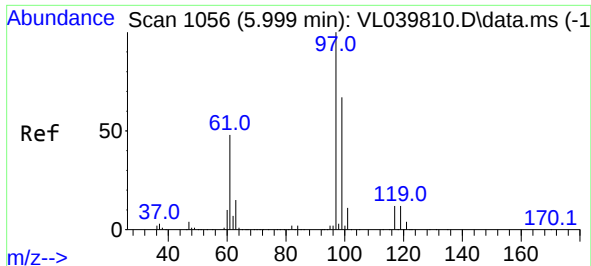


#5
Vinyl Chloride
Concen: 0.030 ppbv m
RT: 2.934 min Scan# 103
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54



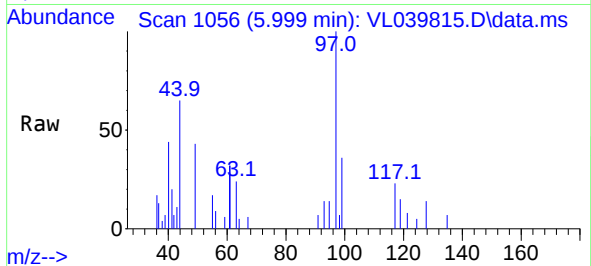
Tgt Ion: 62 Resp: 1976
Ion Ratio Lower Upper
62 100
64 35.8 25.0 37.4





#32
1,1,1-Trichloroethane
Concen: 0.036 ppbv m
RT: 5.999 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

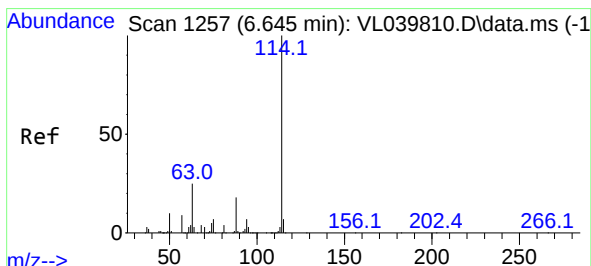
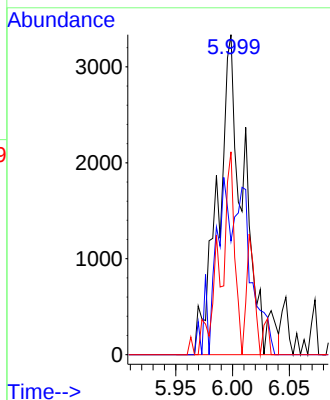
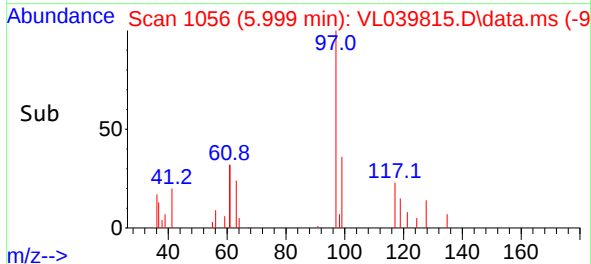
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



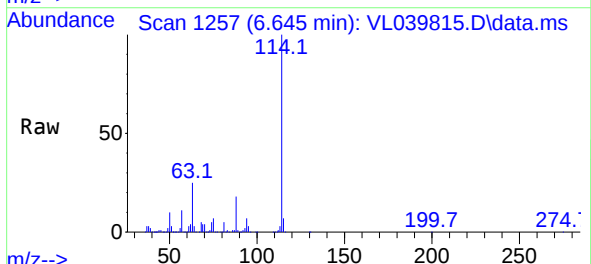
Tgt Ion: 97 Resp: 5334
Ion Ratio Lower Upper
97 100
99 68.1 52.7 79.1
61 49.1 38.9 58.3

Manual Integrations
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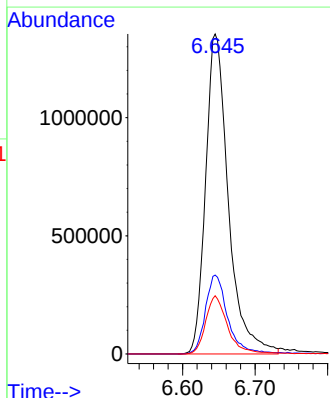
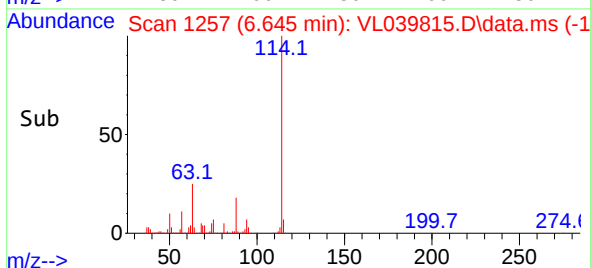
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

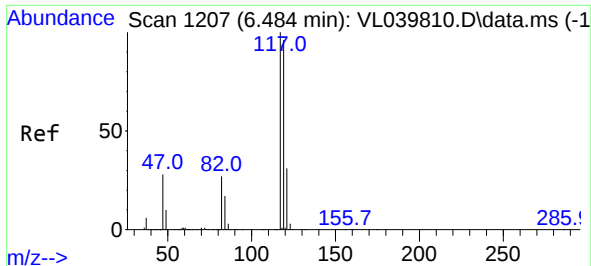


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54



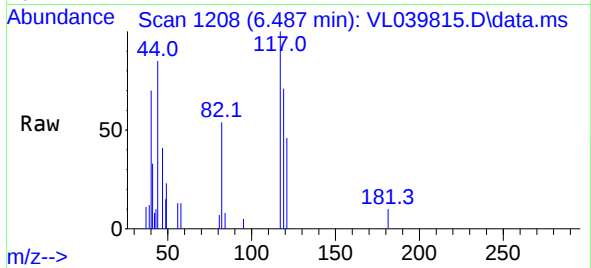
Tgt Ion:114 Resp: 2953853
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.7 14.4 21.6





#35
Carbon Tetrachloride
Concen: 0.031 ppbv m
RT: 6.487 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

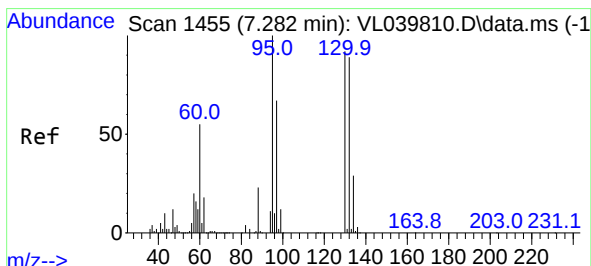
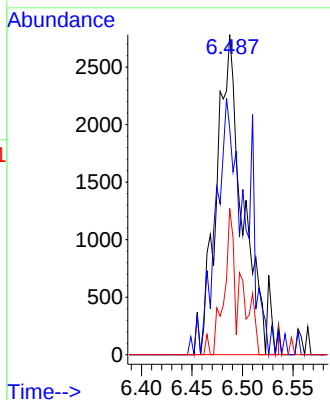
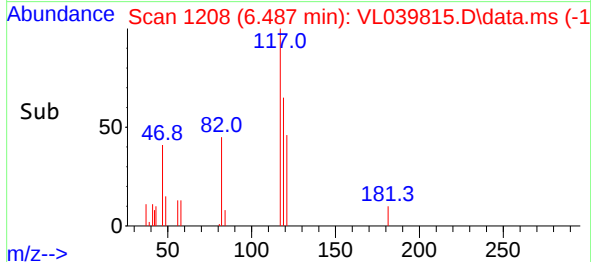
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 5189
Ion Ratio Lower Upper
117 100
119 70.6 76.5 114.7
121 45.7 25.2 37.8

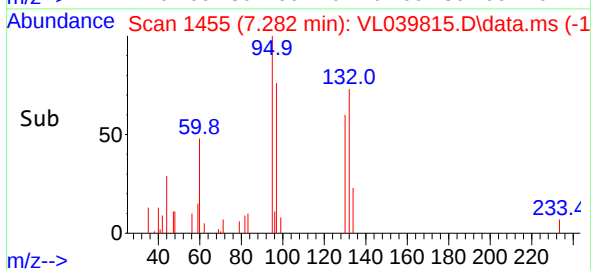
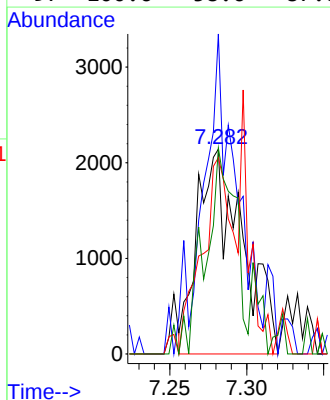
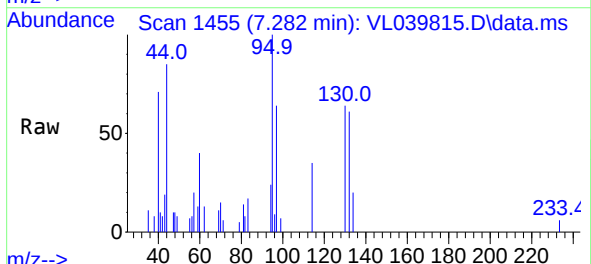
Manual Integrations
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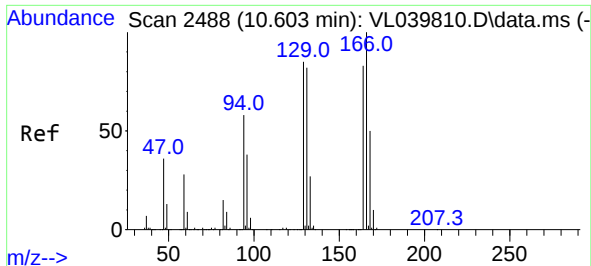
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Trichloroethene
Concen: 0.034 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

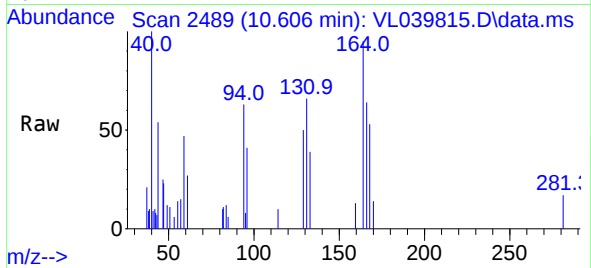
Tgt Ion:130 Resp: 4345
Ion Ratio Lower Upper
130 100
95 156.3 87.4 131.2#
132 95.9 77.7 116.5
97 100.6 58.6 87.8#





#52
Tetrachloroethene
Concen: 0.042 ppbv m
RT: 10.606 min Scan# 2488
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

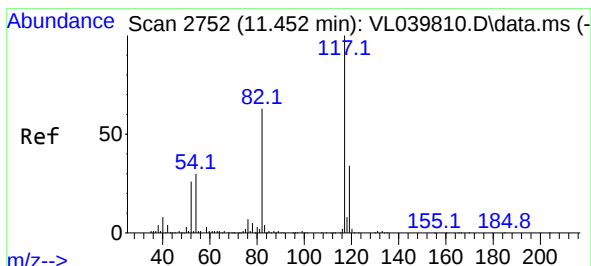
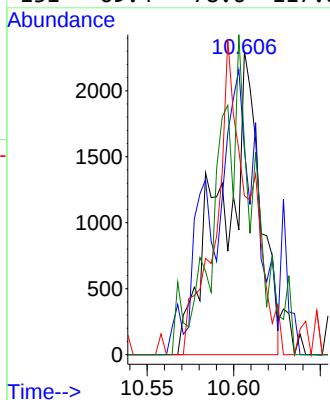
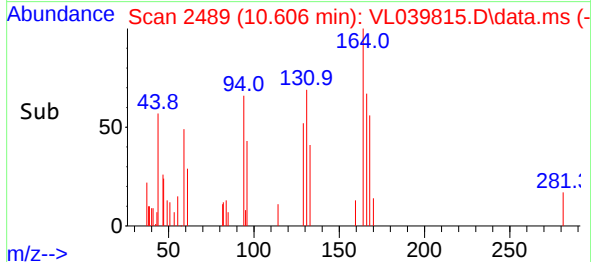
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



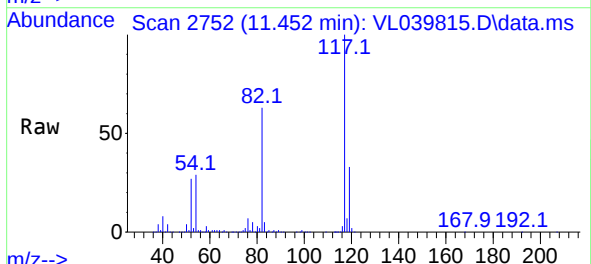
Tgt Ion:164 Resp: 3549
Ion Ratio Lower Upper
164 100
166 67.3 96.0 144.0
129 52.3 81.4 122.2
131 69.4 78.6 117.8

Manual Integrations
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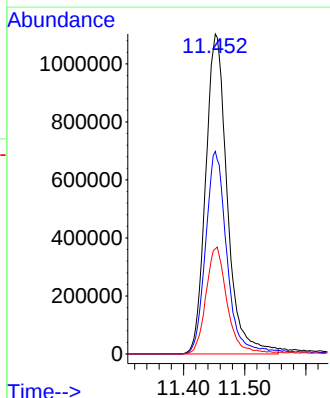
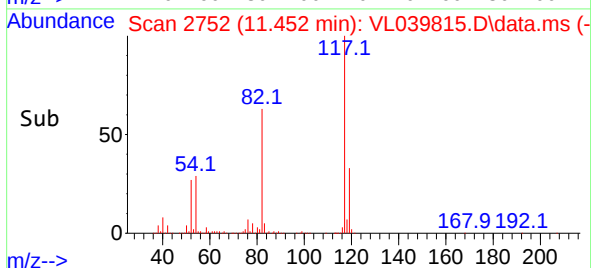
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

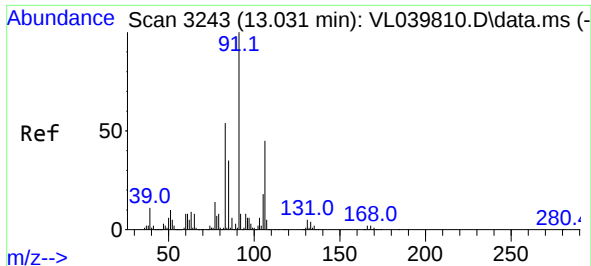


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54



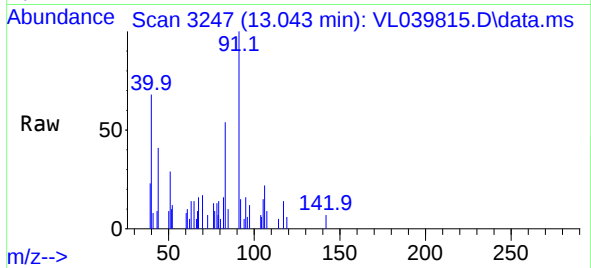
Tgt Ion:117 Resp: 2714464
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.3 24.7 37.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.038 ppbv m
RT: 13.043 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

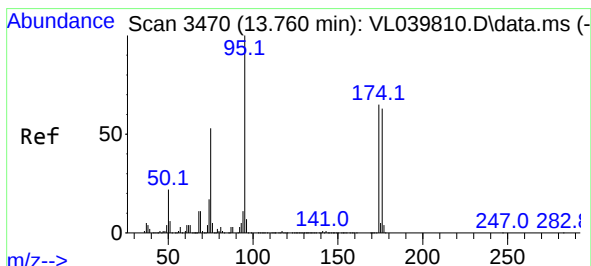
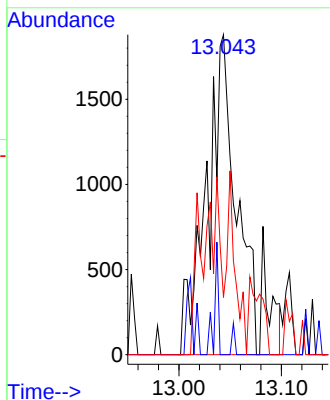
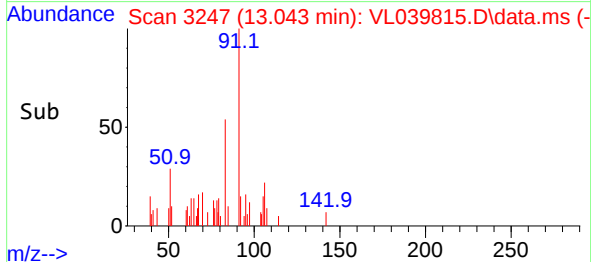
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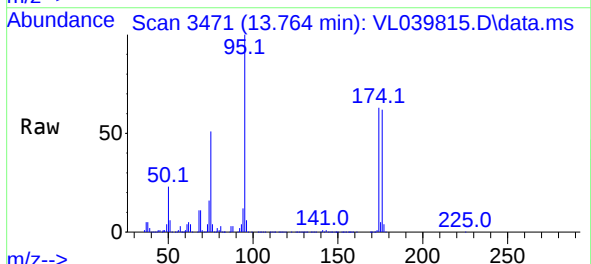
Tgt Ion: 83 Resp: 4160
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 33.3 99.9

Manual Integrations
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Supervised By :Mahesh Dadoda 11/03/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.668 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54



Tgt Ion: 95 Resp: 2059882
Ion Ratio Lower Upper
95 100
174 67.7 53.4 80.0
175 4.9 4.1 6.1

