

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040359.D
 Acq On : 13 Apr 2023 13:19
 Operator : SY/MD
 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 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 13:49:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 13:46:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	956865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2434073	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2163605	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1790141	9.880	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	2119m	0.035	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	5245m	0.035	ppbv	
35) Carbon Tetrachloride	6.497	117	5731m	0.038	ppbv	
52) Tetrachloroethene	10.622	164	1749m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	3229m	0.043	ppbv	

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

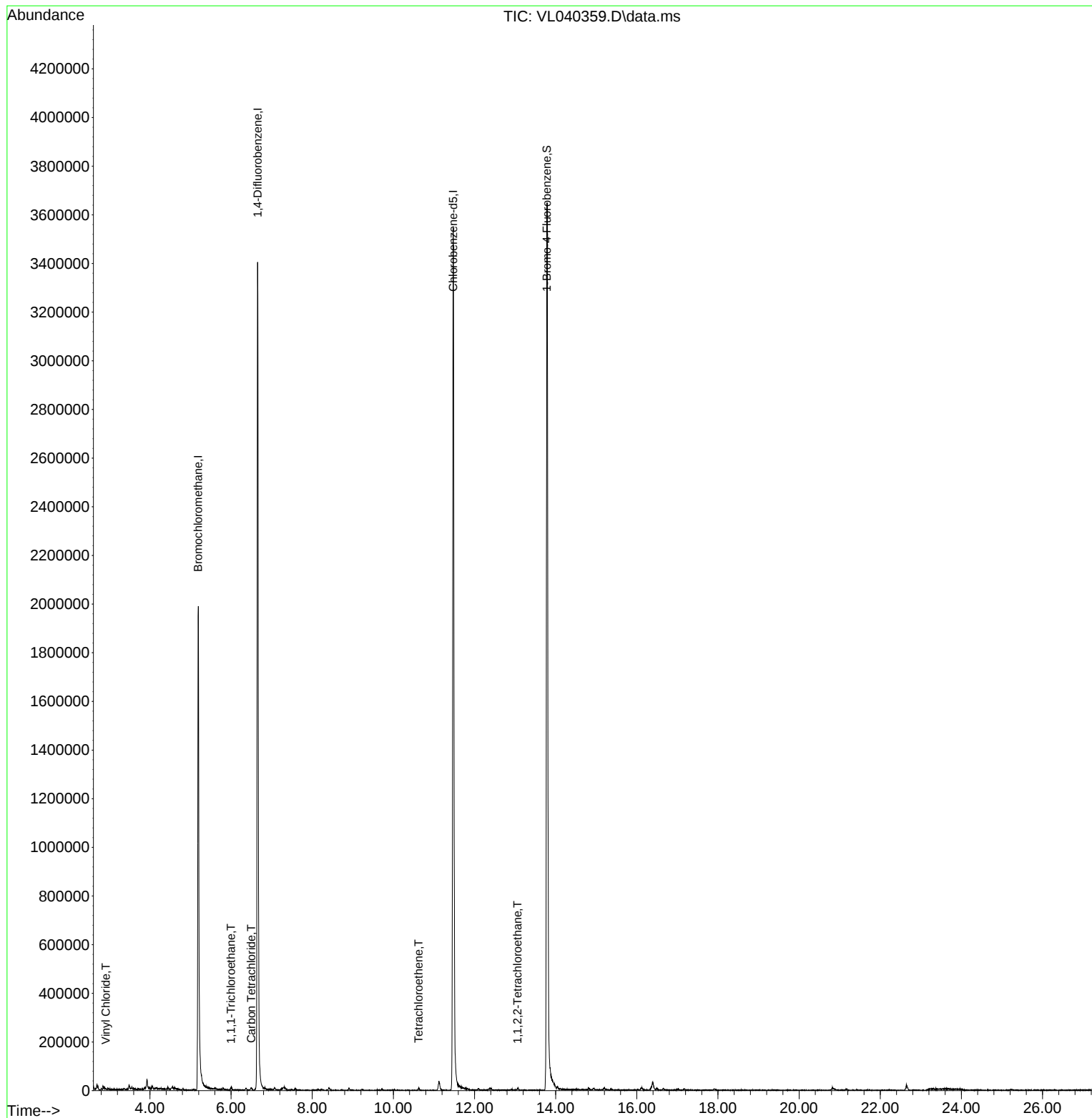
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
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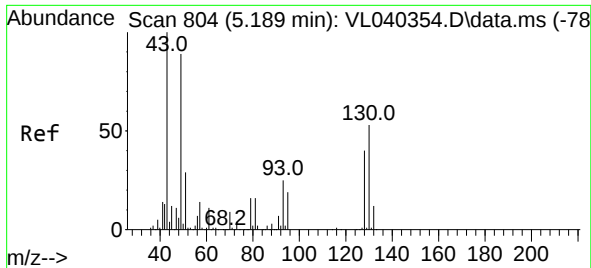
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Apr 13 13:49:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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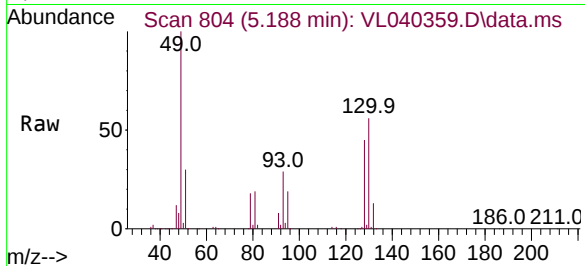
Reviewed By : Semsettin Yesilyurt 04/14/2023
Supervised By : Mahesh Dadoda 04/14/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.001 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

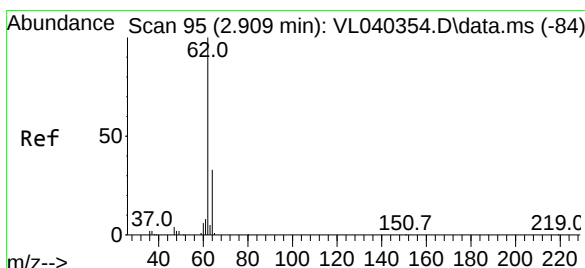
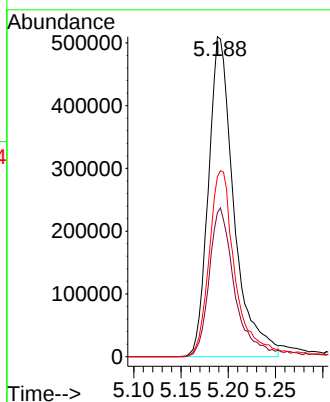
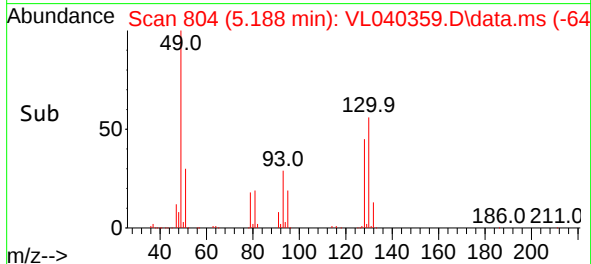
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 95686
Ion Ratio Lower Upper
49 100
128 48.7 22.4 67.3
130 62.7 28.7 86.1

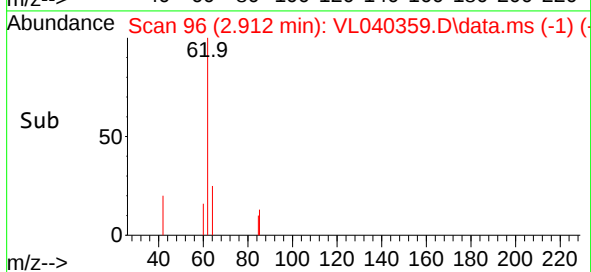
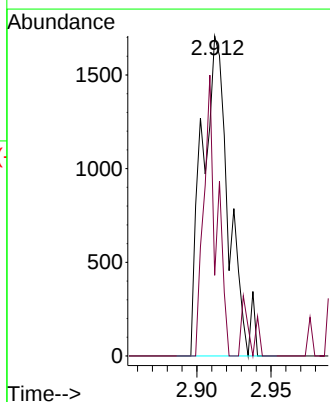
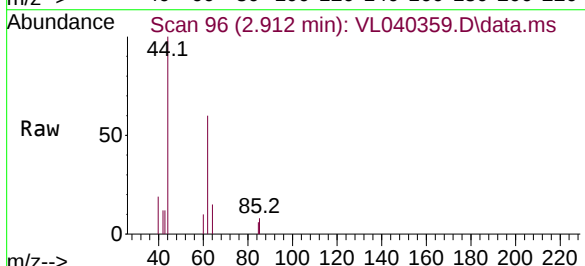
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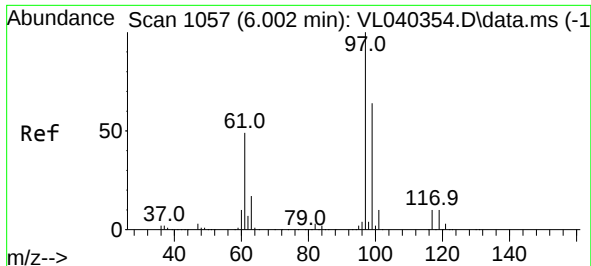
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#5
Vinyl Chloride
Concen: 0.035 ppbv m
RT: 2.912 min Scan# 96
Delta R.T. 0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 62 Resp: 2119
Ion Ratio Lower Upper
62 100
64 25.2 26.4 39.6#





#32

1,1,1-Trichloroethane

Concen: 0.035 ppbv m

RT: 5.999 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 97 Resp: 524

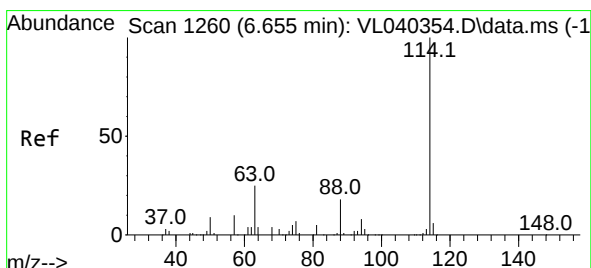
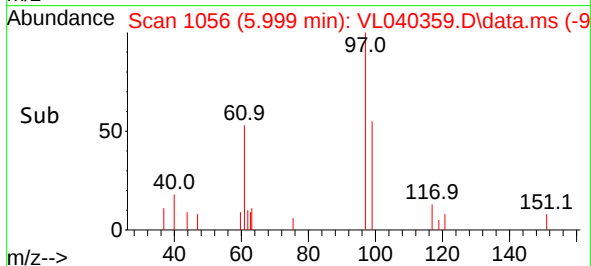
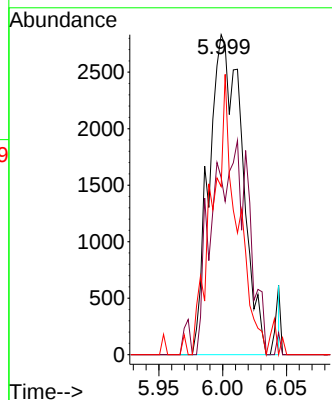
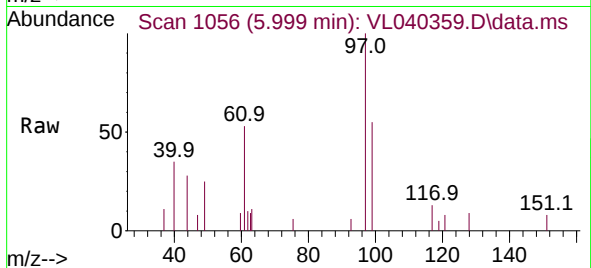
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2
61	65.9	41.4	62.2

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Supervised By :Mahesh Dadoda 04/14/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

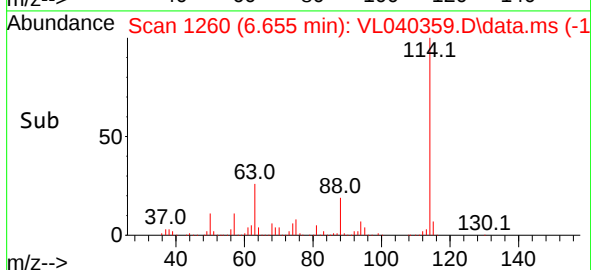
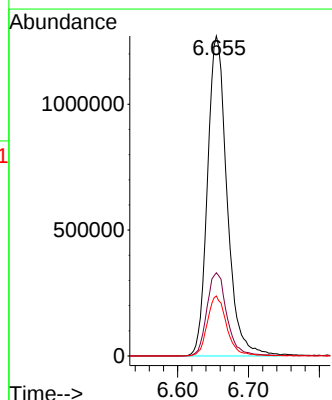
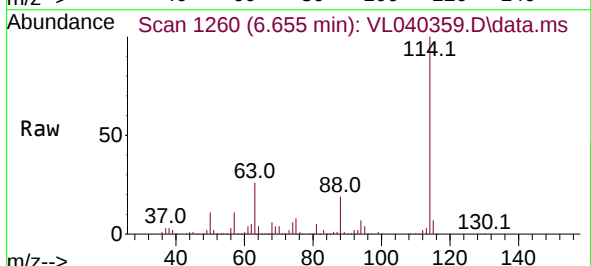
Delta R.T. -0.000 min

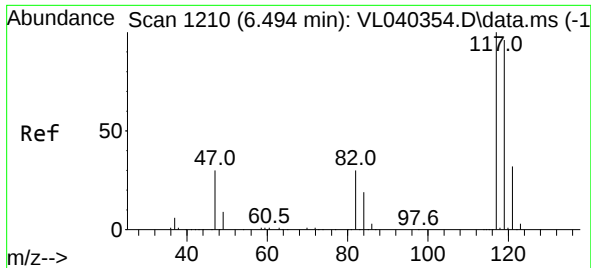
Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Tgt Ion:114 Resp: 2434073

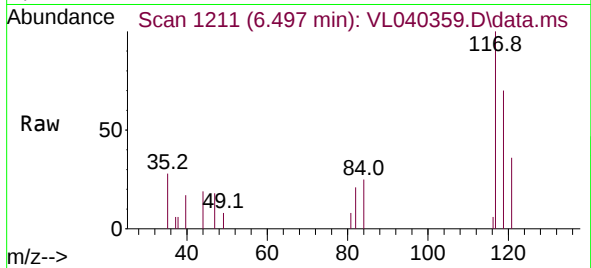
Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.2	31.8
88	18.7	14.5	21.7





#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

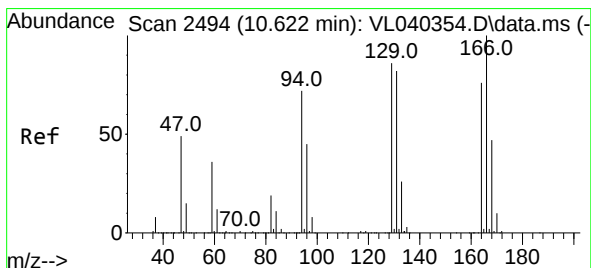
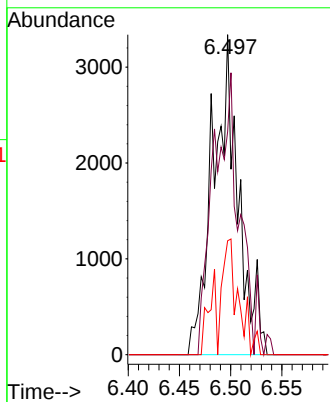
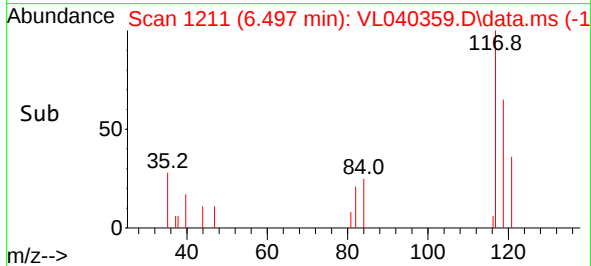
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:117 Resp: 573
Ion Ratio Lower Upper
117 100
119 69.7 76.4 114.6
121 35.6 25.6 38.4

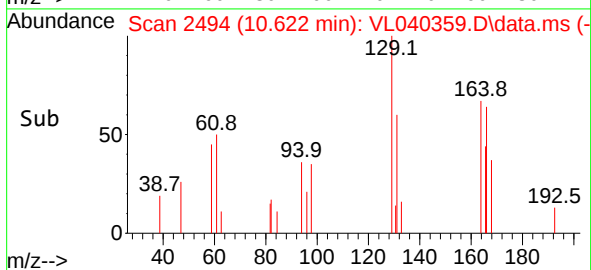
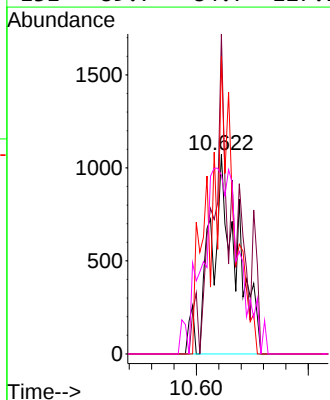
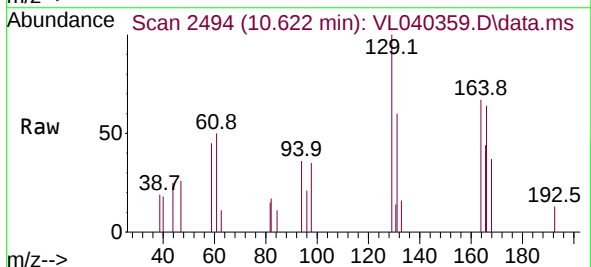
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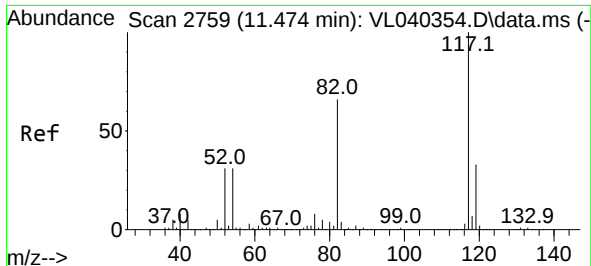
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

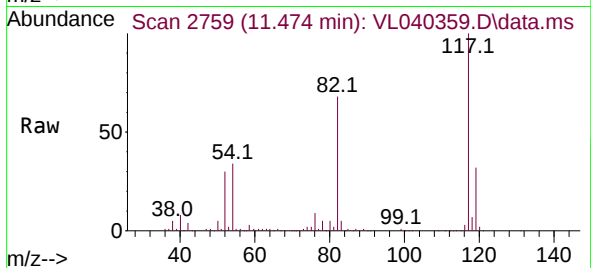
Tgt Ion:164 Resp: 1749
Ion Ratio Lower Upper
164 100
166 95.3 101.8 152.6#
129 149.1 90.2 135.2#
131 89.7 84.7 127.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

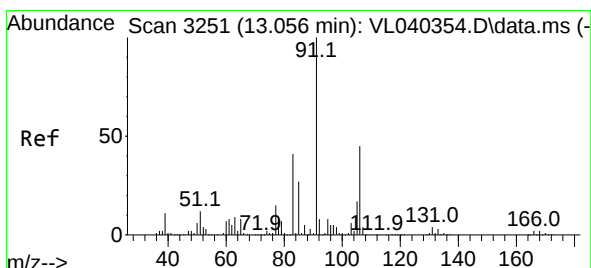
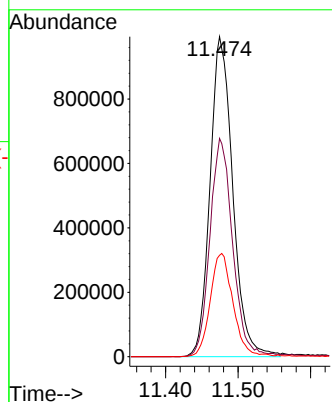
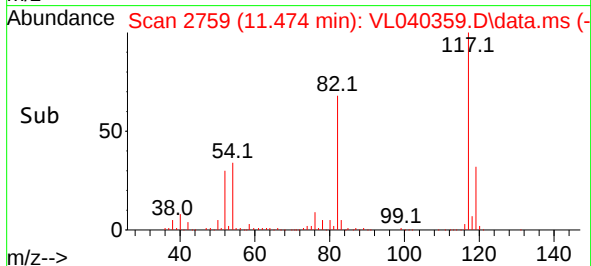
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 117 Resp: 216360
Ion Ratio Lower Upper
117 100
82 68.9 51.4 77.2
119 32.8 24.0 36.0

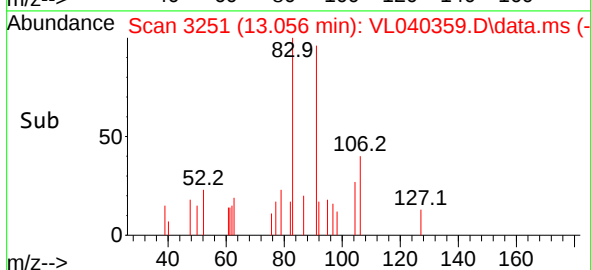
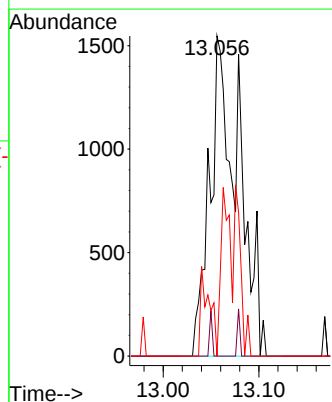
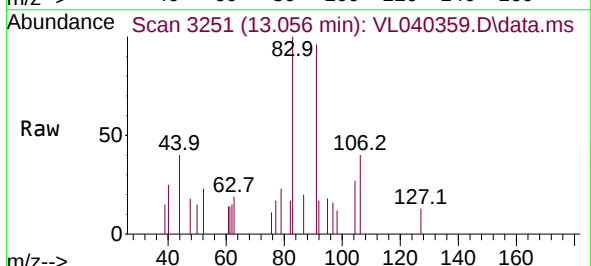
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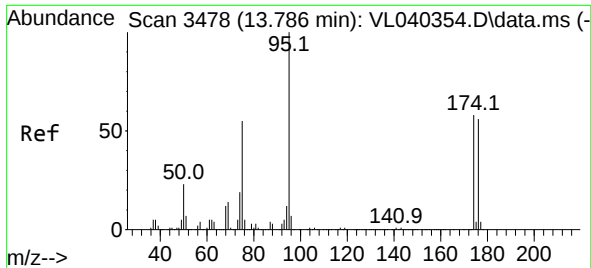
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv m
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

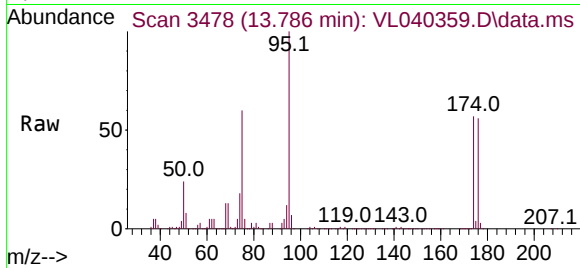
Tgt Ion: 83 Resp: 3229
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9#
85 0.0 32.7 98.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.880 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion: 95 Resp: 179014

Ion	Ratio	Lower	Upper
95	100		
174	59.4	47.0	70.6
175	4.3	3.4	5.2

Manual Integrations
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