

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040435.D
 Acq On : 16 May 2023 12:14
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: May 16 12:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 2023
 QLast Update : Tue May 16 11:16:05 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

05/17/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	5.198	49	1009151	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2602494	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2241967	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1793787	9.675	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.919	62	7156	0.104	ppbv	# 65
32) 1,1,1-Trichloroethane	6.005	97	15998m	0.091	ppbv	
35) Carbon Tetrachloride	6.494	117	16673m	0.091	ppbv	
38) Trichloroethene	7.301	130	11032m	0.091	ppbv	
52) Tetrachloroethene	10.635	164	5923m	0.089	ppbv	
54) 1,2-Dibromoethane	10.021	107	7314m	0.079	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	7685m	0.086	ppbv	
79) Naphthalene	21.429	128	8929m	0.047	ppbv	

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

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

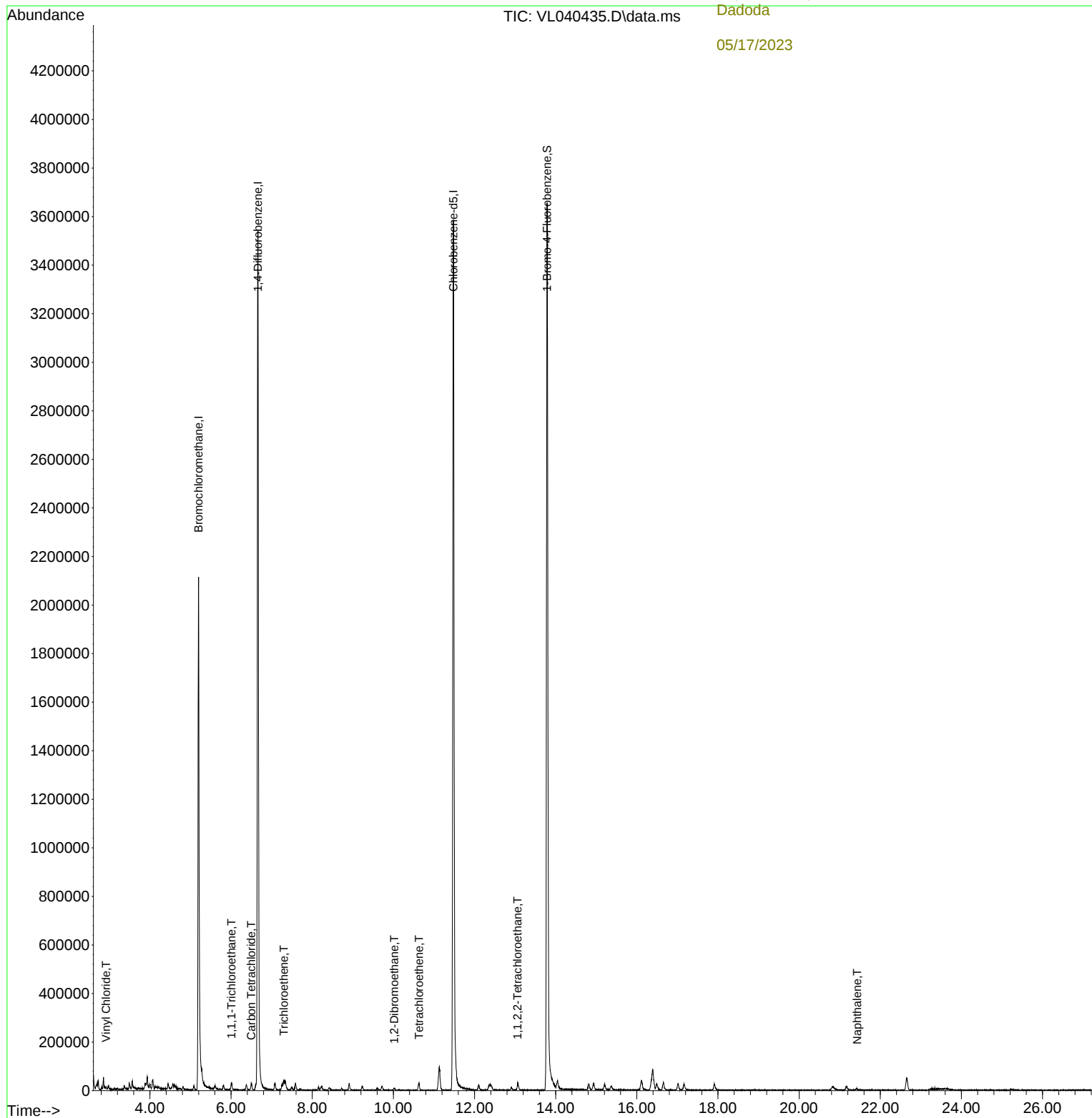
Manual Integrations
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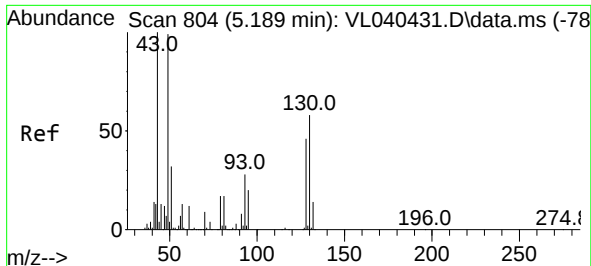
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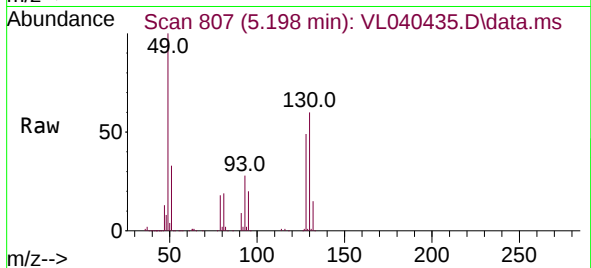
Quant Time: May 16 12:55:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue May 16 11:16:05 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



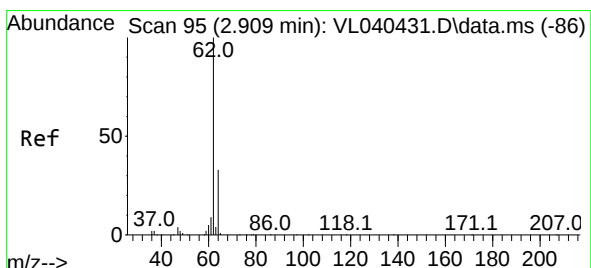
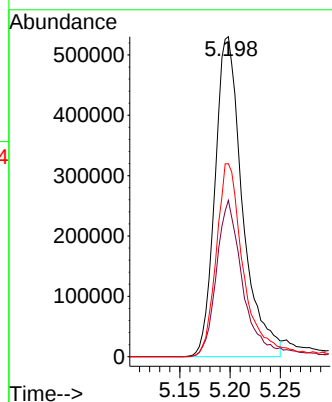
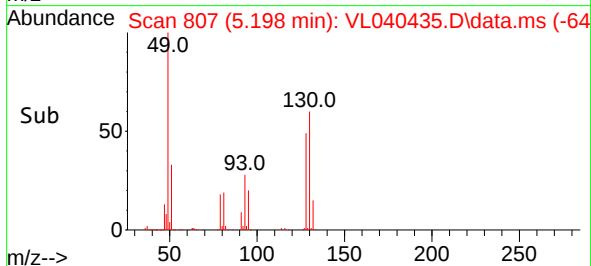
Tgt Ion: 49 Resp: 100915
Ion Ratio Lower Upper
49 100
128 49.3 23.7 71.1
130 61.9 29.9 89.8

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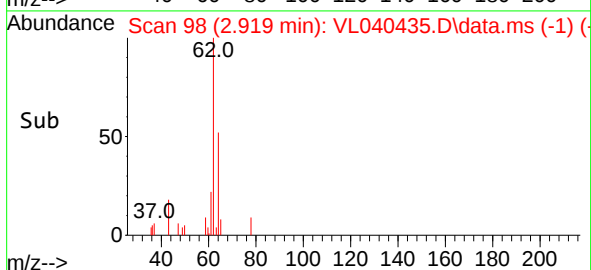
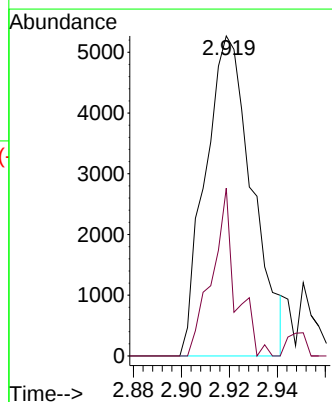
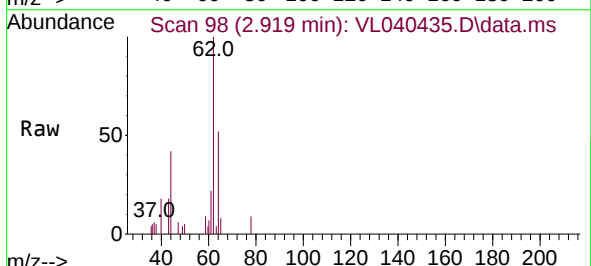
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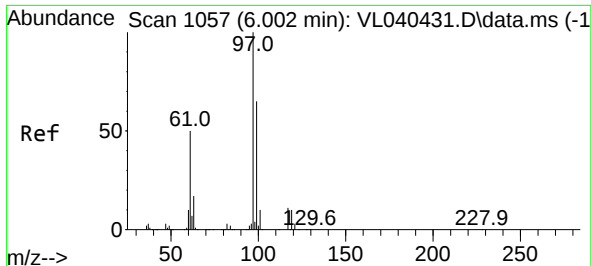
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#5
Vinyl Chloride
Concen: 0.104 ppbv
RT: 2.919 min Scan# 98
Delta R.T. 0.010 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Tgt Ion: 62 Resp: 7156
Ion Ratio Lower Upper
62 100
64 52.4 26.3 39.5





#32
1,1,1-Trichloroethane
Concen: 0.091 ppbv m
RT: 6.005 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

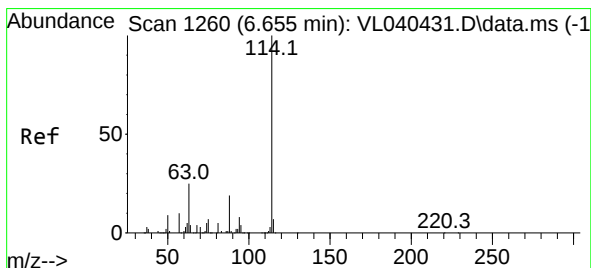
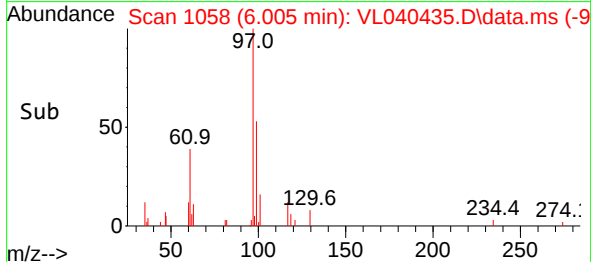
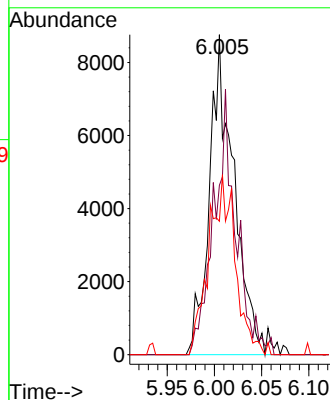
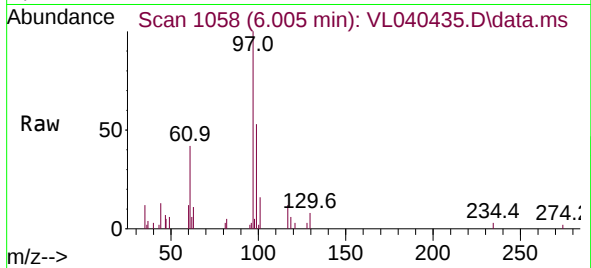
Tgt Ion: 97 Resp: 1598
Ion Ratio Lower Upper
97 100
99 73.6 51.8 77.8
61 60.2 40.4 60.6

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Reviewed By :Semsettin
Yesilyurt

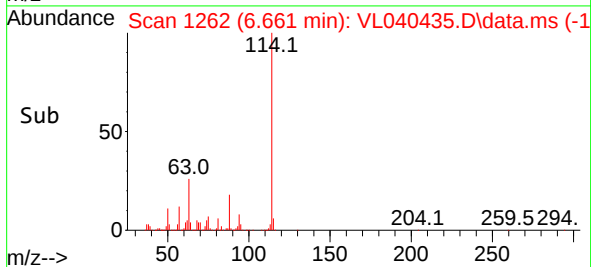
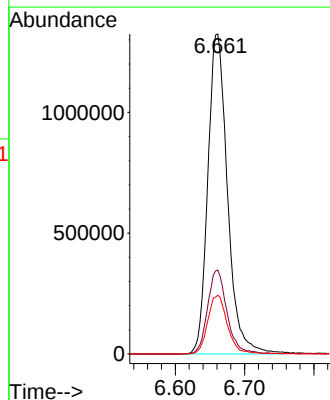
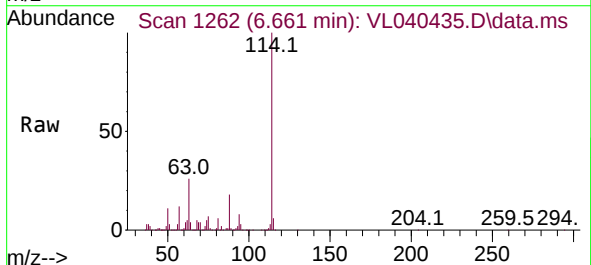
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Supervised By :Mahesh
Dadoda

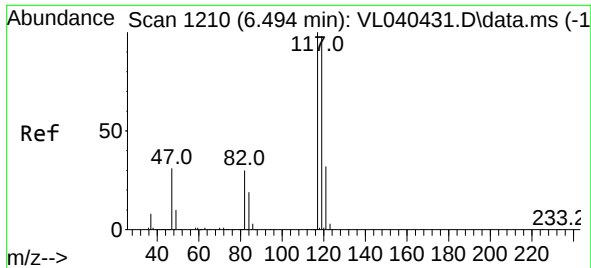
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

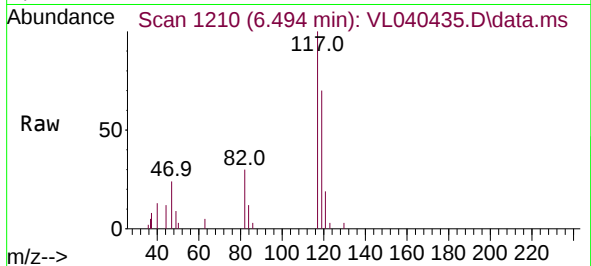
Tgt Ion:114 Resp: 2602494
Ion Ratio Lower Upper
114 100
63 26.2 21.4 32.0
88 18.5 14.6 22.0





#35
Carbon Tetrachloride
Concen: 0.091 ppbv m
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



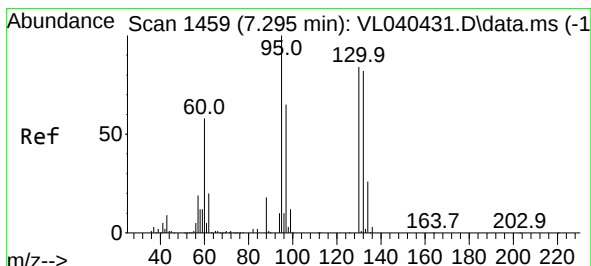
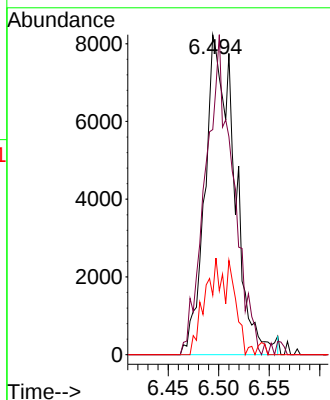
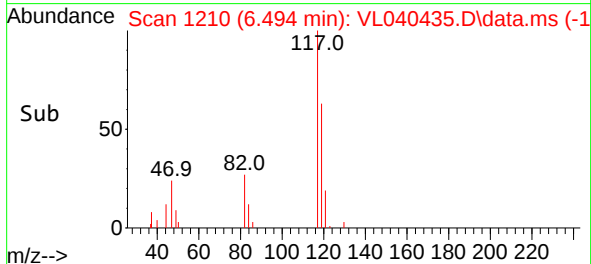
Tgt Ion:117 Resp: 1667
Ion Ratio Lower Upper
117 100
119 70.4 76.6 114.8
121 18.6 25.3 37.9

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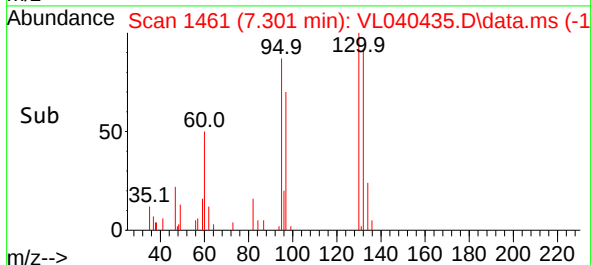
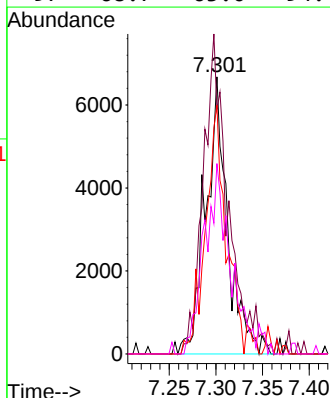
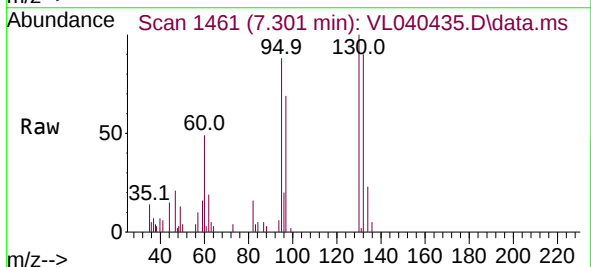
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Supervised By :Mahesh
Dadoda

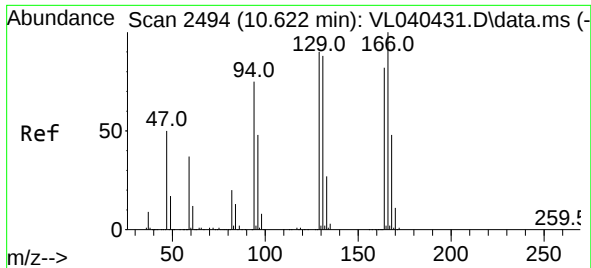
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#38
Trichloroethene
Concen: 0.091 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

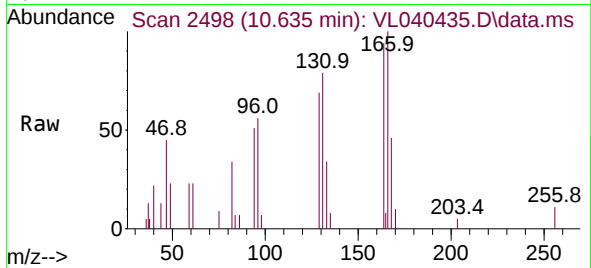
Tgt Ion:130 Resp: 11032
Ion Ratio Lower Upper
130 100
95 88.2 97.4 146.0
132 89.7 77.5 116.3
97 68.7 63.0 94.4





#52
Tetrachloroethene
Concen: 0.089 ppbv m
RT: 10.635 min Scan# 2494
Delta R.T. 0.013 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



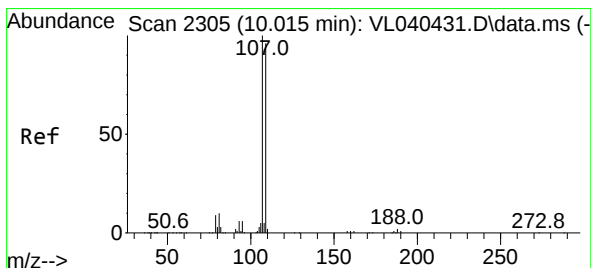
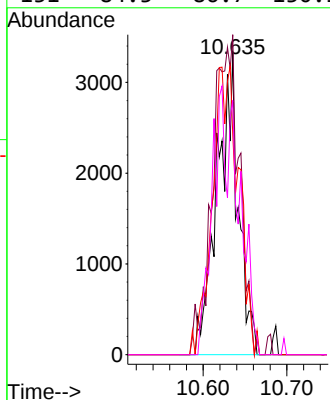
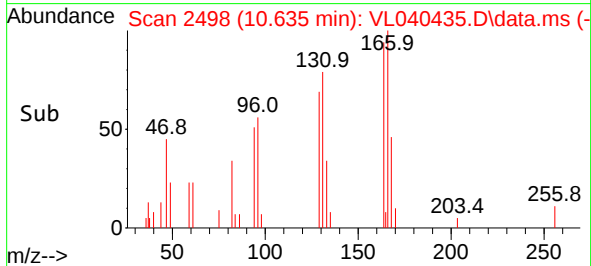
Tgt Ion:164 Resp: 592.0
Ion Ratio Lower Upper
164 100
166 106.1 105.2 157.8
129 73.1 90.3 135.5
131 84.3 86.7 130.1#

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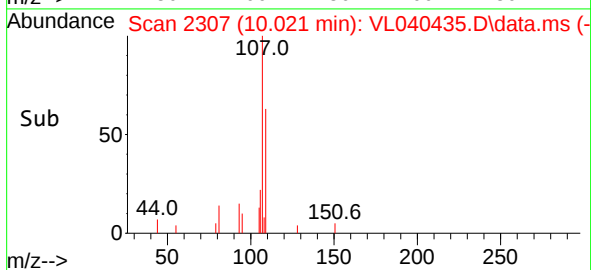
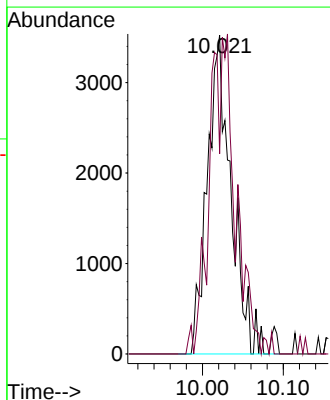
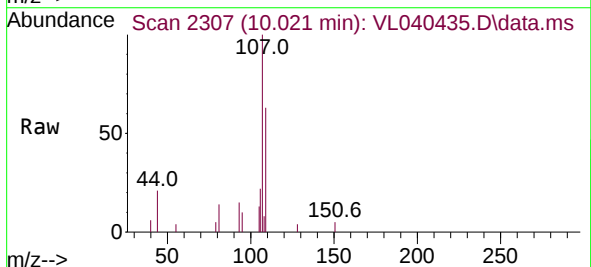
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Dadoda

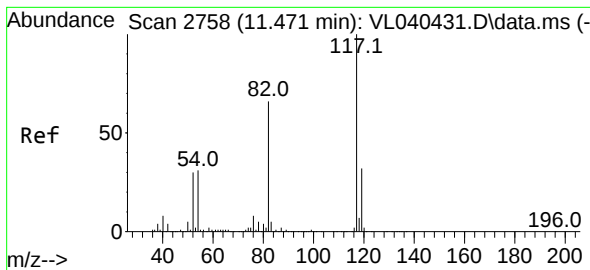
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#54
1,2-Dibromoethane
Concen: 0.079 ppbv m
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

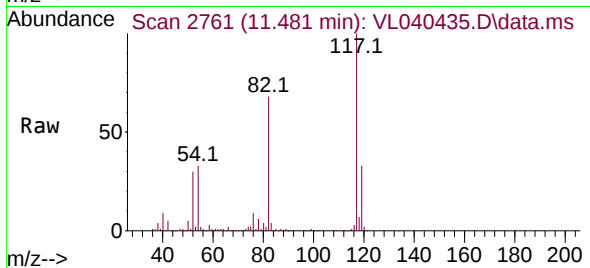
Tgt Ion:107 Resp: 7314
Ion Ratio Lower Upper
107 100
109 62.8 73.6 110.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



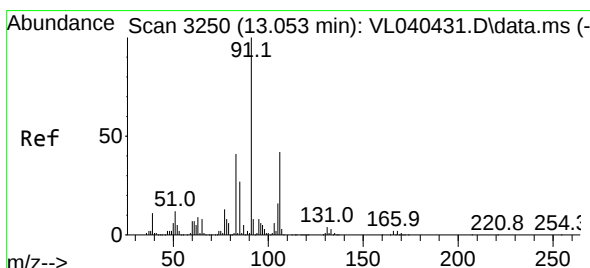
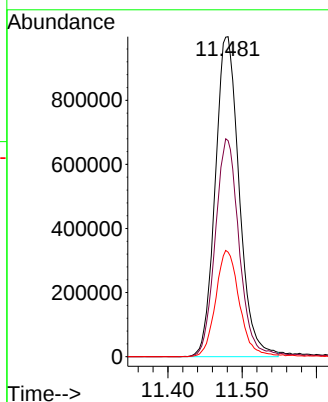
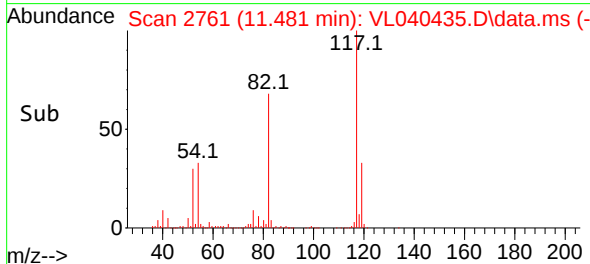
Tgt Ion: 117 Resp: 224196
Ion Ratio Lower Upper
117 100
82 69.2 52.5 78.7
119 33.3 24.3 36.5

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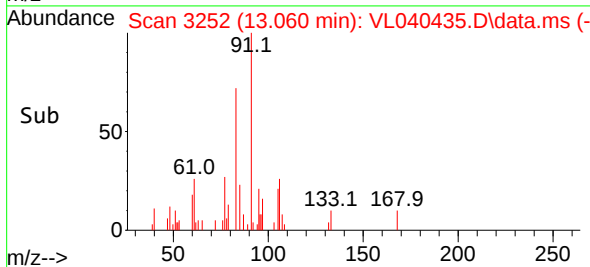
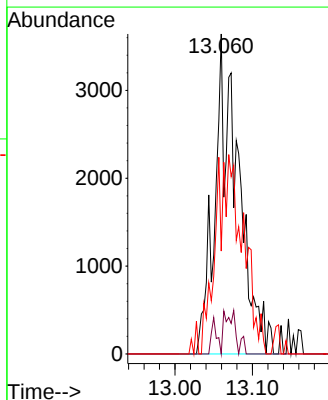
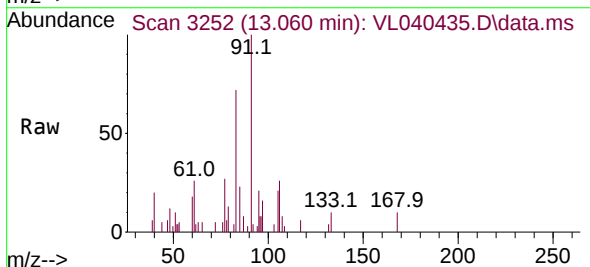
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Supervised By :Mahesh
Dadoda

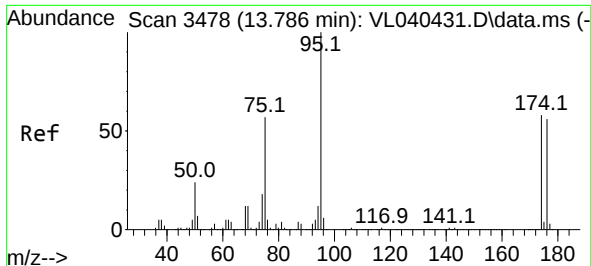
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.086 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.004 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

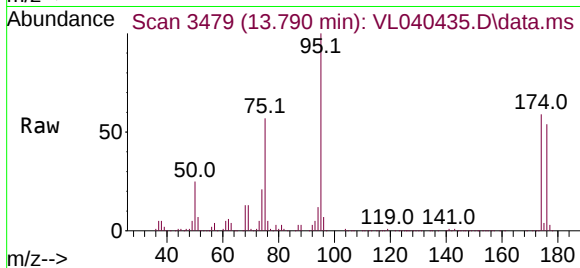
Tgt Ion: 83 Resp: 7685
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 0.0 32.9 98.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.675 ppbv
RT: 13.790 min Scan# 3478
Delta R.T. 0.004 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



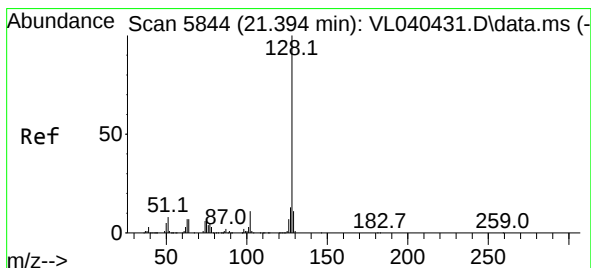
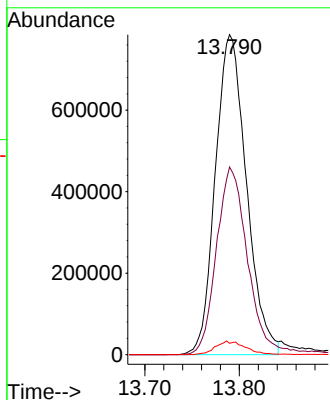
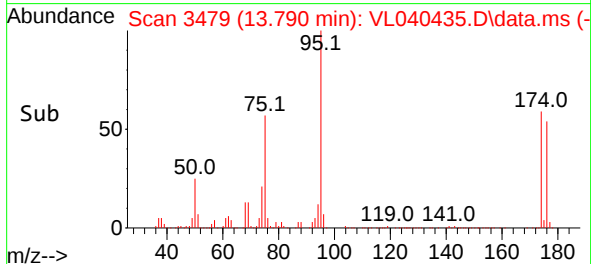
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Ion Ratio Lower Upper
95 100
174 60.4 47.2 70.8
175 4.2 3.5 5.3

Manual Integrations
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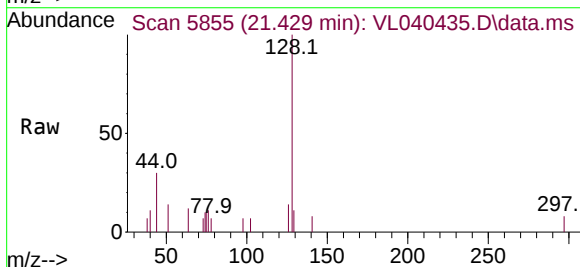
Reviewed By :Semsettin
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Dadoda

05/17/2023



#79
Naphthalene
Concen: 0.047 ppbv m
RT: 21.429 min Scan# 5855
Delta R.T. 0.035 min
Lab File: VL040435.D
Acq: 16 May 2023 12:14



Tgt Ion:128 Resp: 8929
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 10.8 9.4 14.0

