

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041302.D
 Acq On : 4 Jun 2024 11:49
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 13:37:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jun 04 11:52:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	993863	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2607287	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2388058	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1848284	10.252	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.948	62	4471	0.075	ppbv	# 73
32) 1,1,1-Trichloroethane	6.012	97	12670	0.088	ppbv	97
35) Carbon Tetrachloride	6.497	117	12670m	0.087	ppbv	
38) Trichloroethene	7.288	130	7871m	0.097	ppbv	
52) Tetrachloroethene	10.610	164	6012m	0.078	ppbv	
54) 1,2-Dibromoethane	10.012	107	8981m	0.079	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	13696m	0.078	ppbv	
79) Naphthalene	21.381	128	13303m	0.048	ppbv	

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

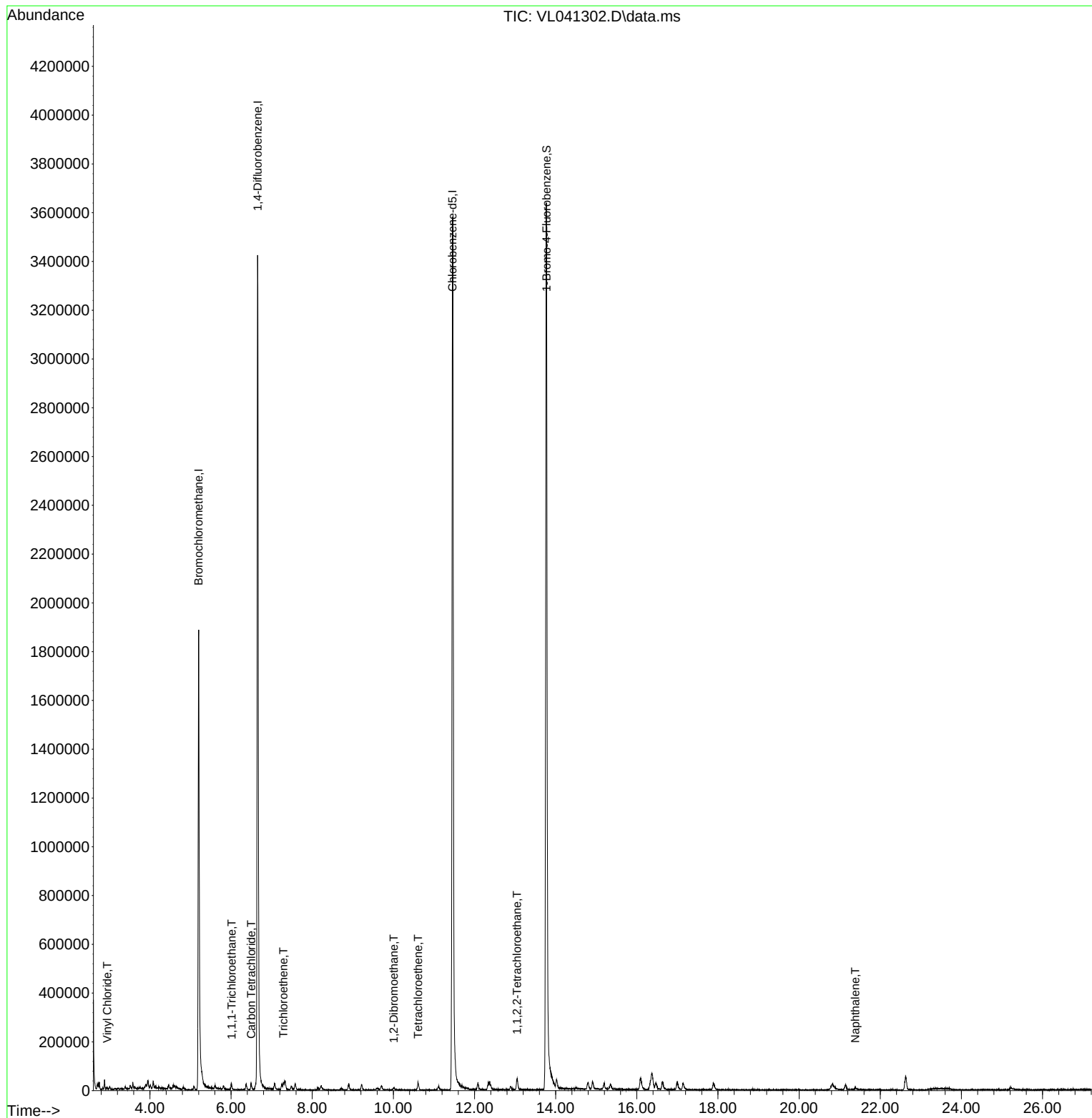
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041302.D
Acq On : 4 Jun 2024 11:49
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

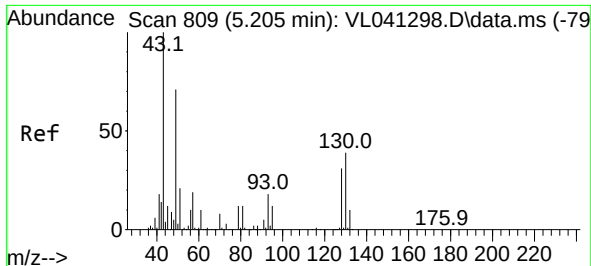
Instrument :
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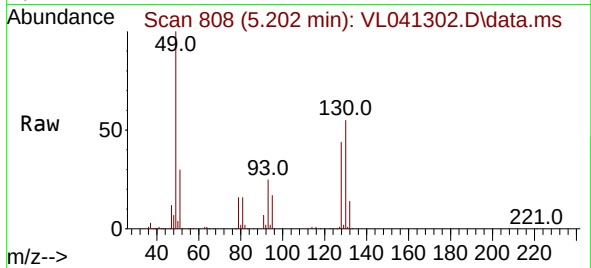
Quant Time: Jun 04 13:37:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 04 11:52:35 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

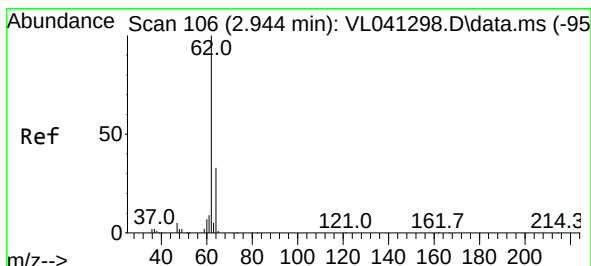
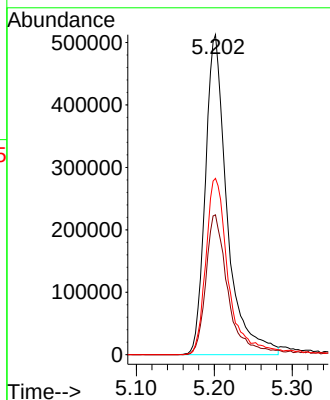
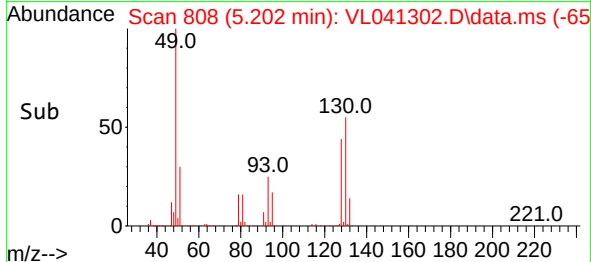
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



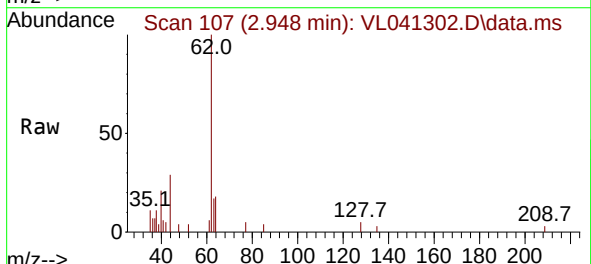
Tgt Ion: 49 Resp: 99386
Ion Ratio Lower Upper
49 100
128 46.4 22.8 68.3
130 59.0 28.4 85.3

Manual Integrations
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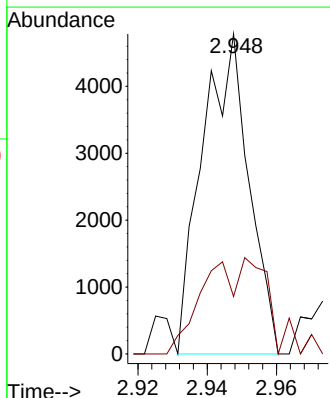
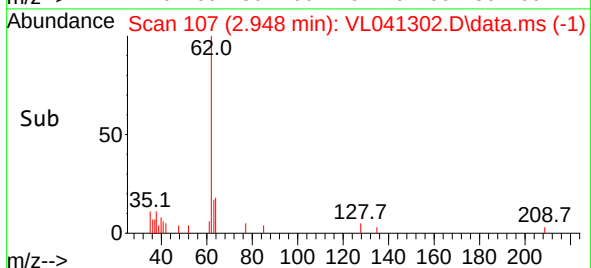
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

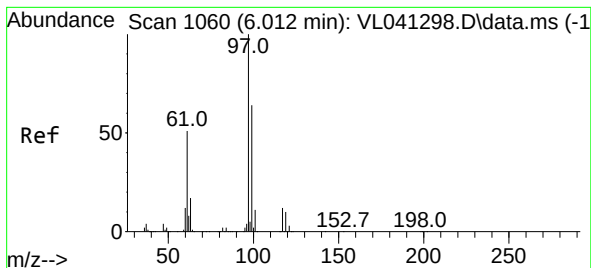


#5
Vinyl Chloride
Concen: 0.075 ppbv
RT: 2.948 min Scan# 107
Delta R.T. 0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49



Tgt Ion: 62 Resp: 4471
Ion Ratio Lower Upper
62 100
64 18.0 26.6 40.0#





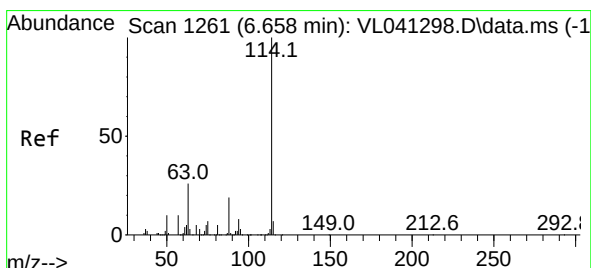
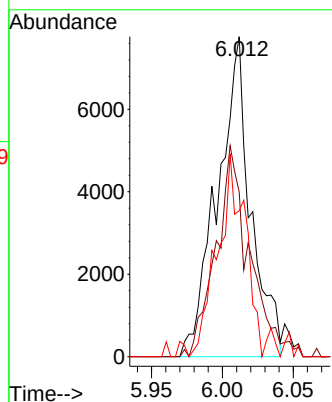
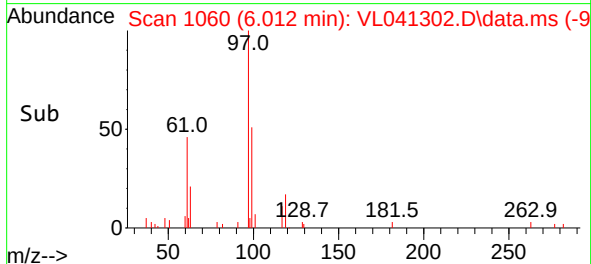
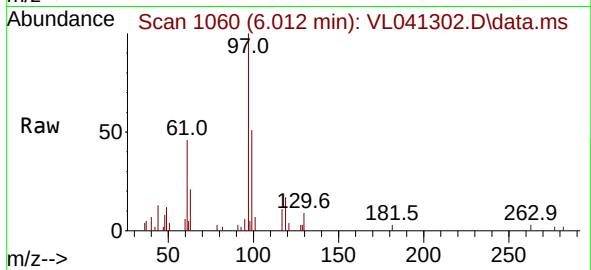
#32
1,1,1-Trichloroethane
Concen: 0.088 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 12670
Ion Ratio Lower Upper
97 100
99 66.8 51.9 77.9
61 56.3 42.9 64.3

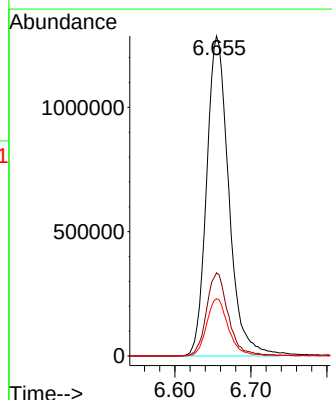
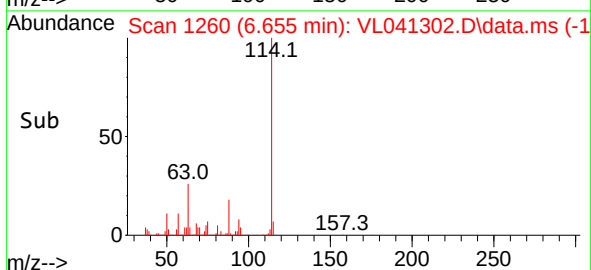
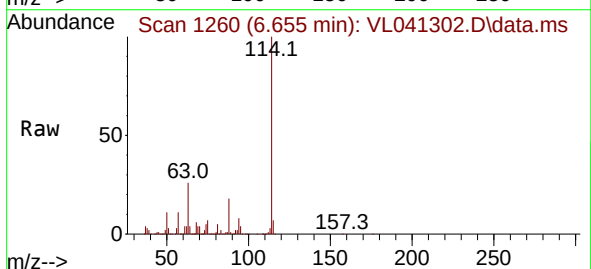
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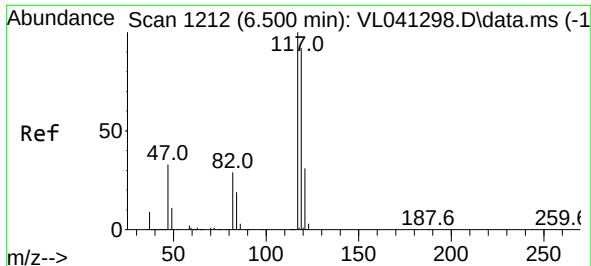
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

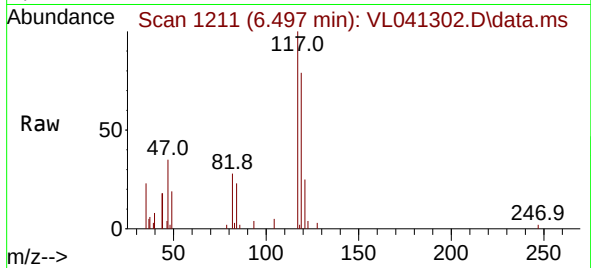
Tgt Ion:114 Resp: 2607287
Ion Ratio Lower Upper
114 100
63 25.6 20.6 30.8
88 17.6 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 6.497 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

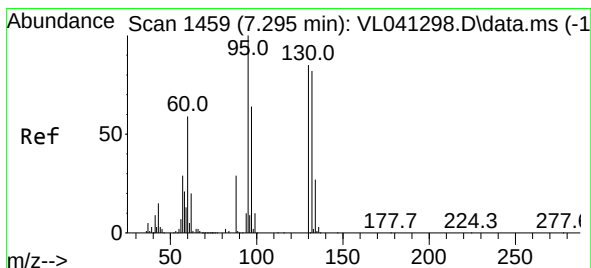
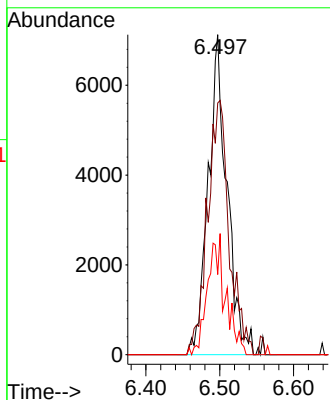
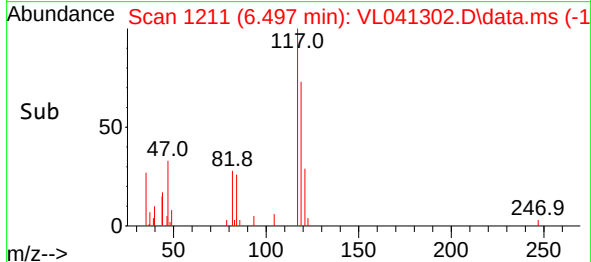
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



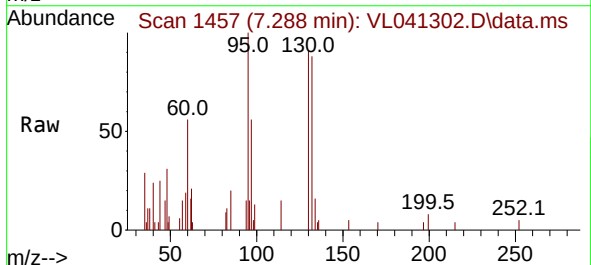
Tgt Ion:117 Resp: 12670
Ion Ratio Lower Upper
117 100
119 78.6 74.0 111.0
121 25.0 24.8 37.2

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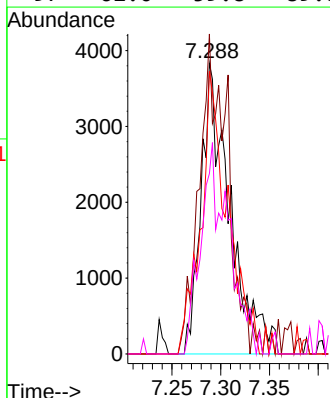
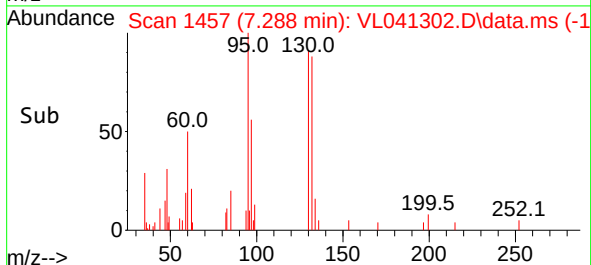
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

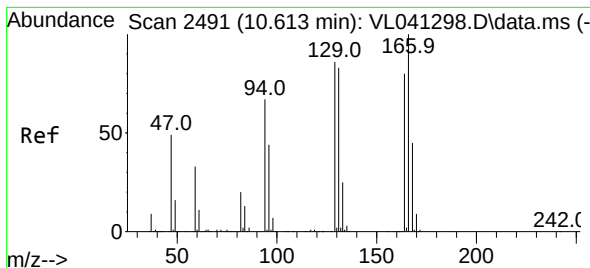


#38
Trichloroethene
Concen: 0.097 ppbv m
RT: 7.288 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49



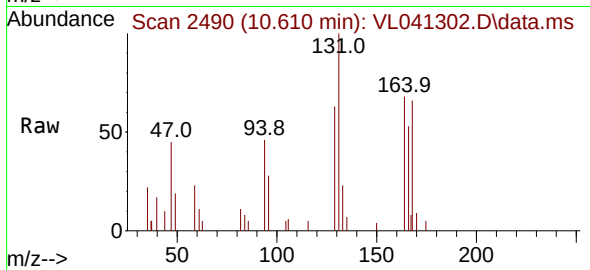
Tgt Ion:130 Resp: 7871
Ion Ratio Lower Upper
130 100
95 110.1 94.0 141.0
132 97.3 76.7 115.1
97 62.0 59.8 89.8





#52
Tetrachloroethene
Concen: 0.078 ppbv m
RT: 10.610 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

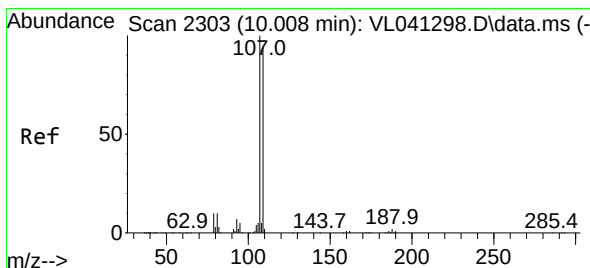
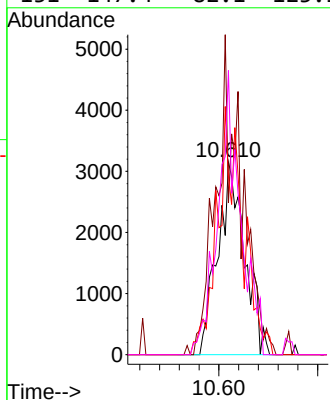
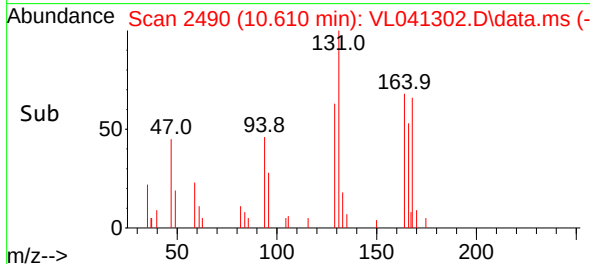
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



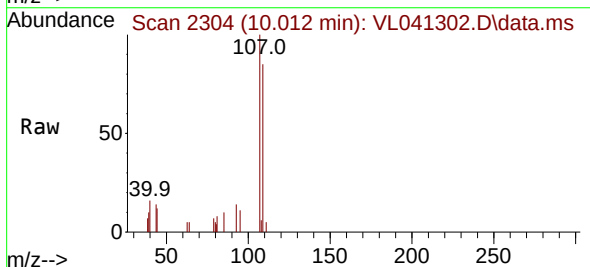
Tgt Ion:164 Resp: 6012
Ion Ratio Lower Upper
164 100
166 78.7 99.4 149.0
129 92.5 85.4 128.2
131 147.4 82.1 123.1#

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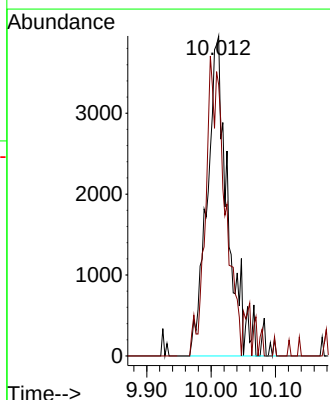
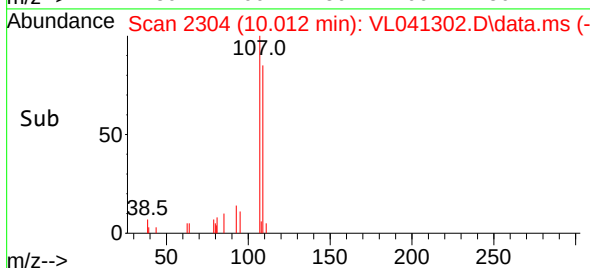
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Supervised By :Mahesh Dadoda 06/05/2024

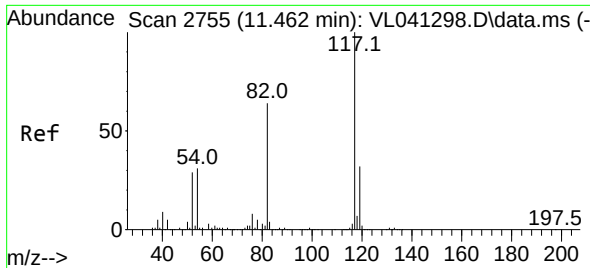


#54
1,2-Dibromoethane
Concen: 0.079 ppbv m
RT: 10.012 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49



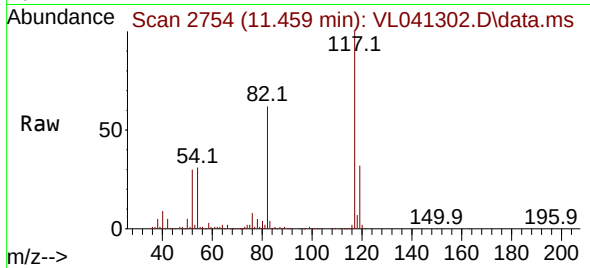
Tgt Ion:107 Resp: 8981
Ion Ratio Lower Upper
107 100
109 84.7 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

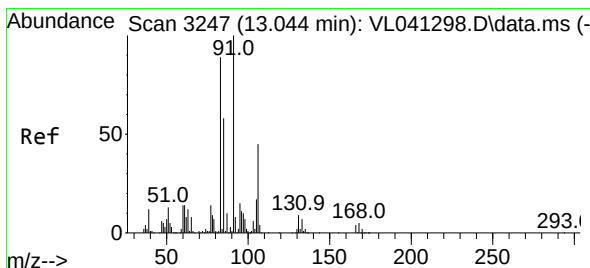
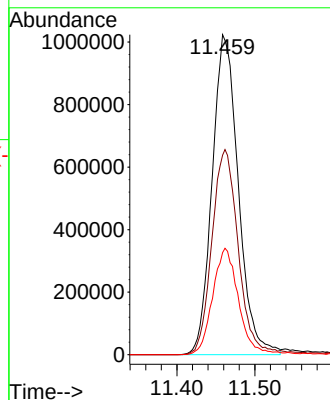
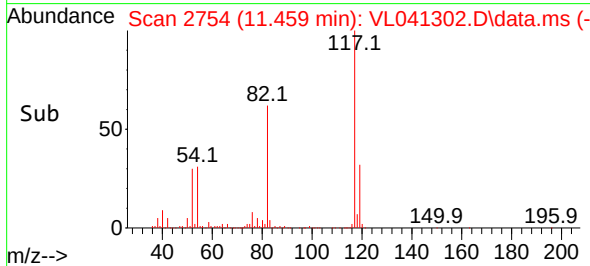
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



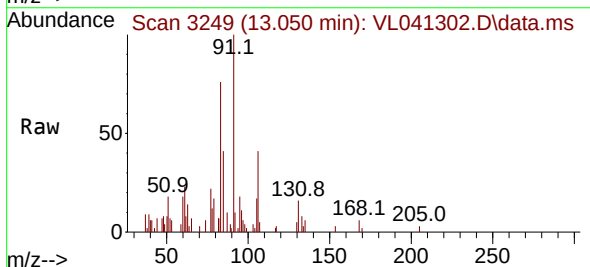
Tgt Ion:117 Resp: 2388058
Ion Ratio Lower Upper
117 100
82 66.1 52.3 78.5
119 33.6 26.2 39.2

Manual Integrations
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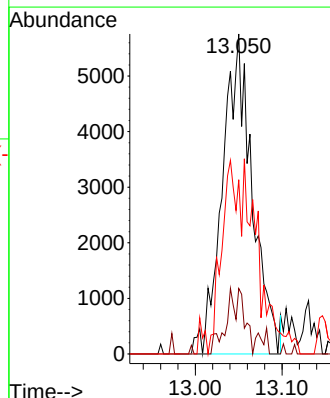
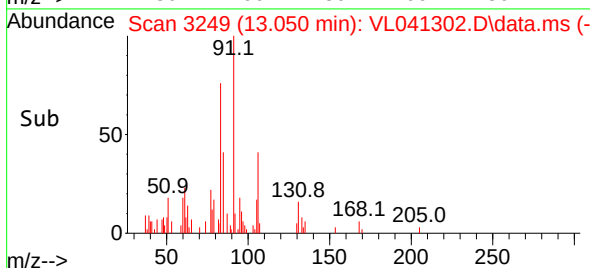
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Supervised By :Mahesh Dadoda 06/05/2024

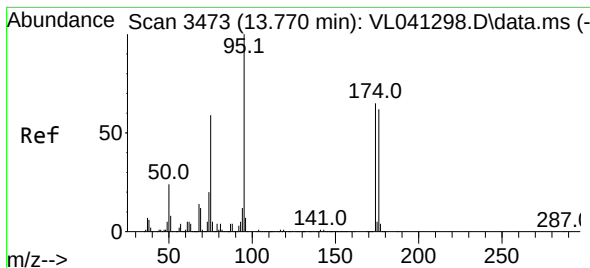


#63
1,1,2,2-Tetrachloroethane
Concen: 0.078 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. 0.007 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49



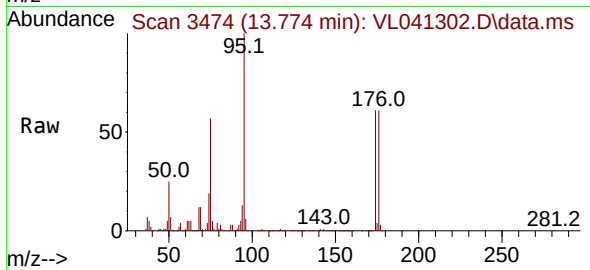
Tgt Ion: 83 Resp: 13696
Ion Ratio Lower Upper
83 100
131 14.4 4.7 14.1#
85 0.0 32.6 97.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.252 ppbv
RT: 13.774 min Scan# 3473
Delta R.T. 0.003 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

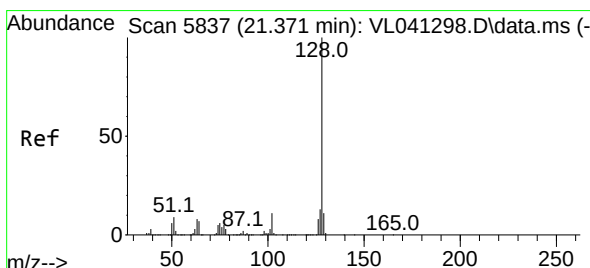
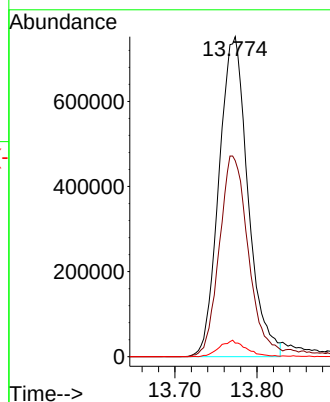
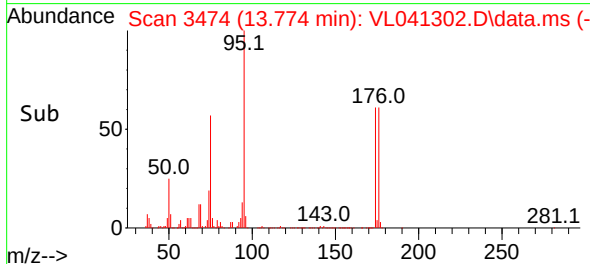
Instrument :
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Tgt Ion: 95 Resp: 1848284
Ion Ratio Lower Upper
95 100
174 66.4 52.2 78.2
175 4.9 4.1 6.1

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#79
Naphthalene
Concen: 0.048 ppbv m
RT: 21.381 min Scan# 5840
Delta R.T. 0.010 min
Lab File: VL041302.D
Acq: 4 Jun 2024 11:49

Tgt Ion:128 Resp: 13303
Ion Ratio Lower Upper
128 100
127 62.9 10.5 15.7#
129 5.7 9.1 13.7#

