

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040173.D
 Acq On : 15 Feb 2023 13:00
 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 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 13:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 15 11:34:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	965247	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2519980	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2241471	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1847903	9.920	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.909	62	5031m	0.083	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	12385m	0.085	ppbv	
35) Carbon Tetrachloride	6.497	117	12356m	0.087	ppbv	
38) Trichloroethene	7.298	130	8407m	0.079	ppbv	
52) Tetrachloroethene	10.626	164	5873m	0.096	ppbv	
54) 1,2-Dibromoethane	10.011	107	6289m	0.078	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.069	83	6556m	0.085	ppbv	
79) Naphthalene	21.406	128	6541m	0.048	ppbv	

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

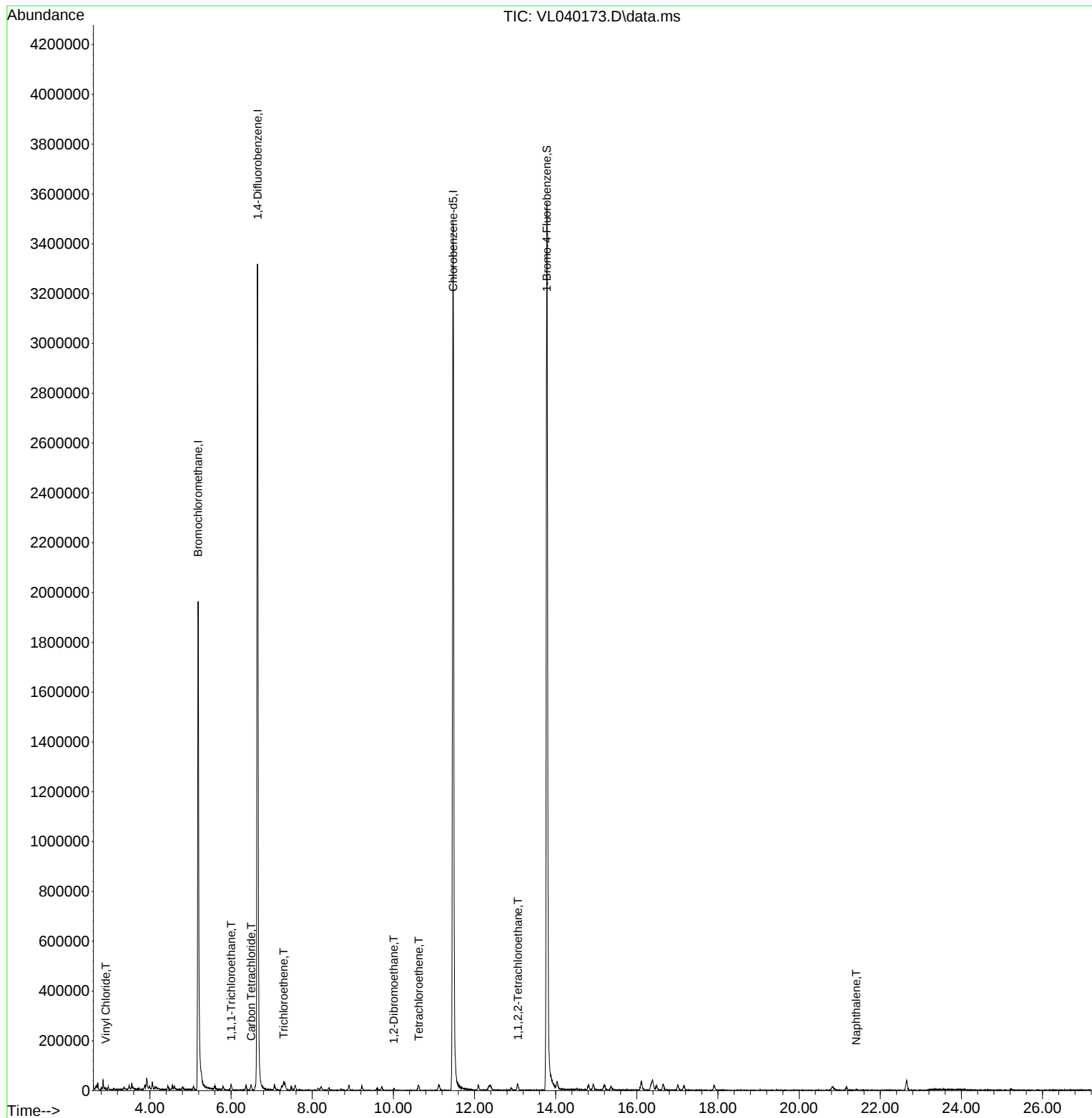
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
Data File : VL040173.D
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Operator : SY/MD
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

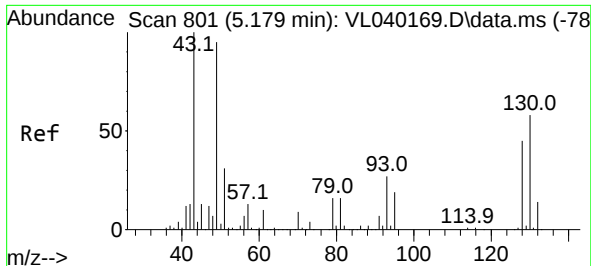
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Feb 15 13:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 15 11:34:13 2023
Response via : Initial Calibration

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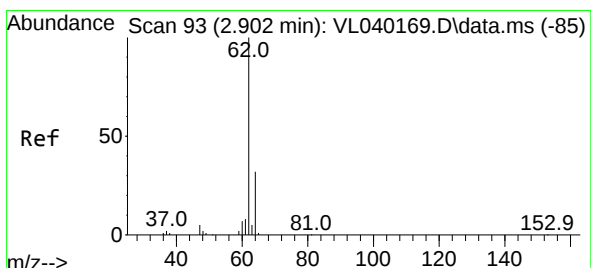
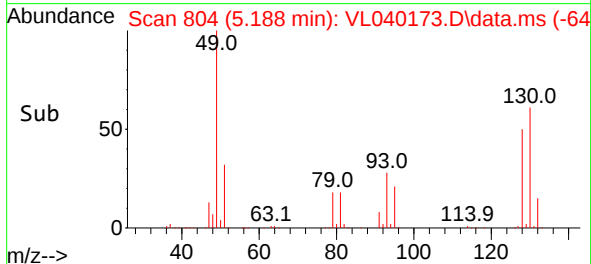
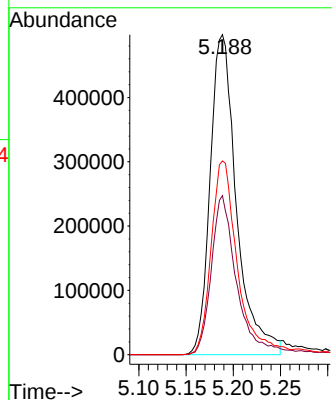
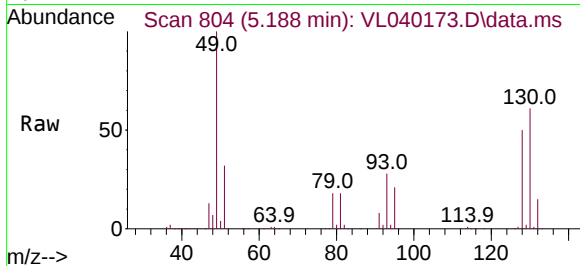
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 49 Resp: 96524
Ion Ratio Lower Upper
49 100
128 50.0 24.1 72.3
130 63.6 30.9 92.8

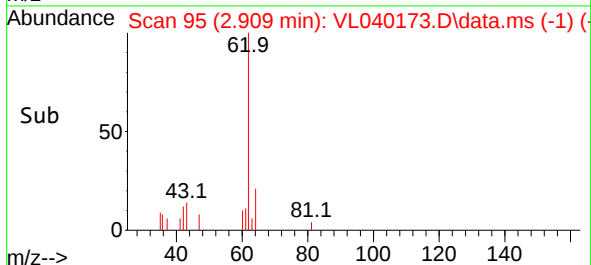
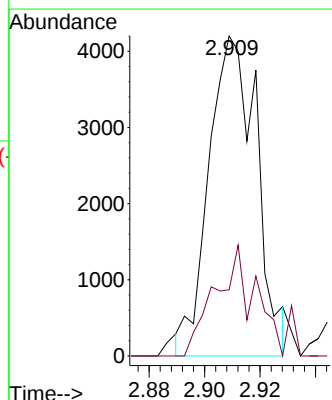
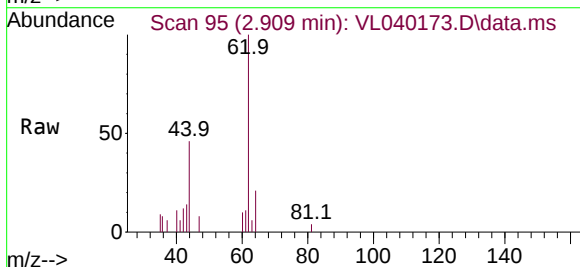
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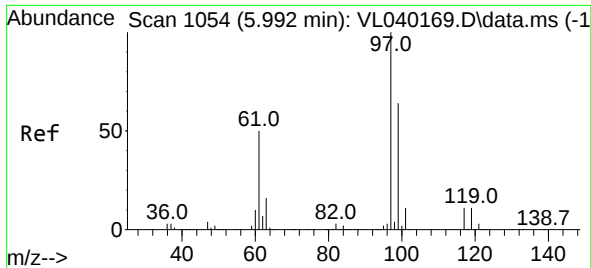
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#5
Vinyl Chloride
Concen: 0.083 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. 0.006 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

Tgt Ion: 62 Resp: 5031
Ion Ratio Lower Upper
62 100
64 20.7 25.6 38.4#





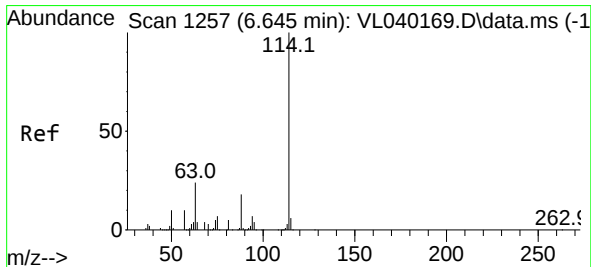
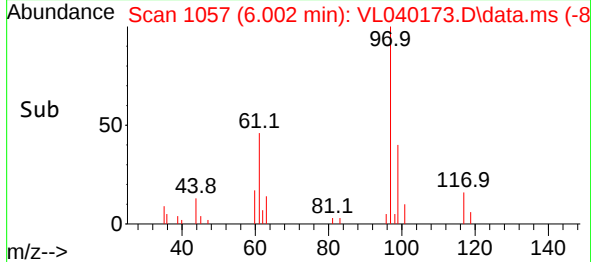
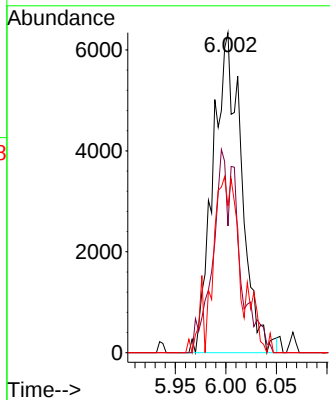
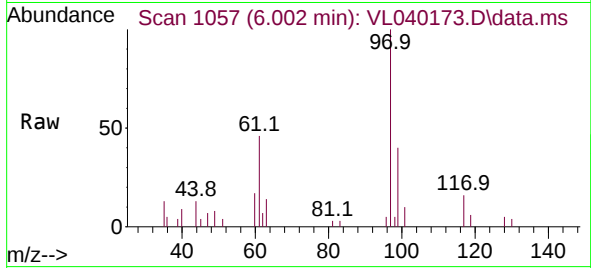
#32
1,1,1-Trichloroethane
Concen: 0.085 ppbv m
RT: 6.002 min Scan# 1054
Delta R.T. 0.010 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 12385
Ion Ratio Lower Upper
97 100
99 58.8 51.5 77.3
61 56.1 40.6 60.8

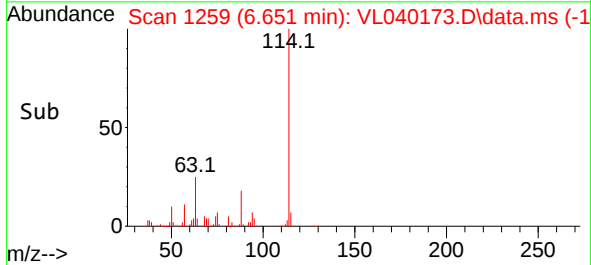
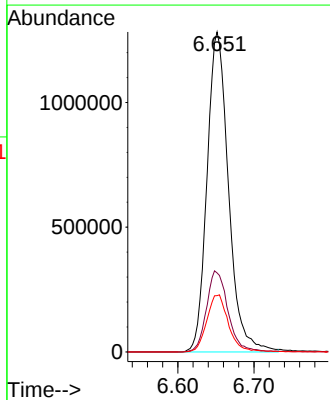
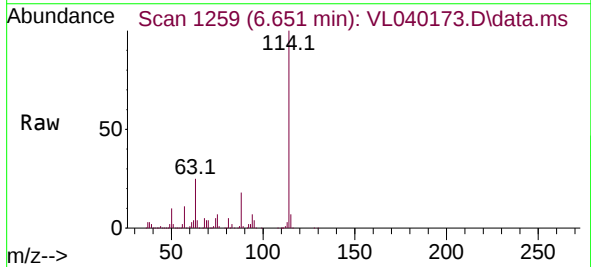
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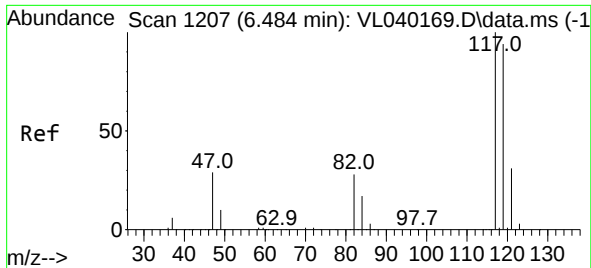
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

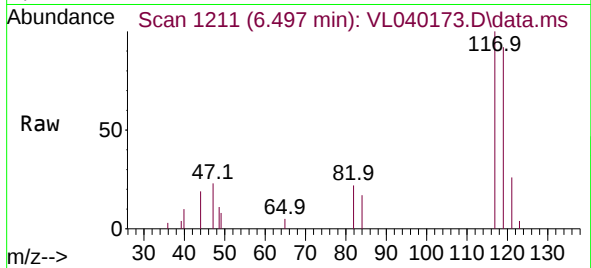
Tgt Ion:114 Resp: 2519980
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 18.1 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 6.497 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

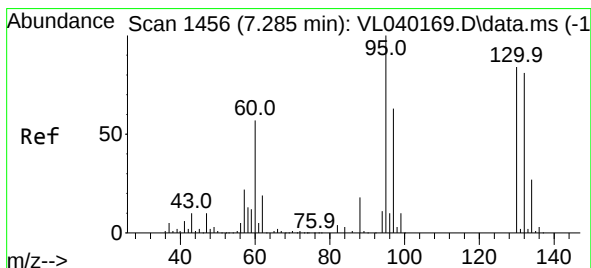
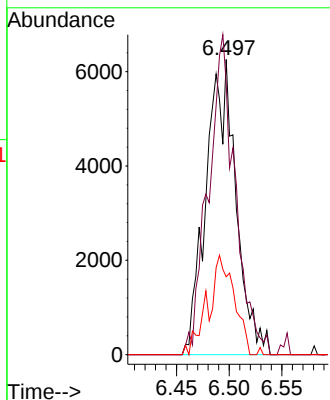
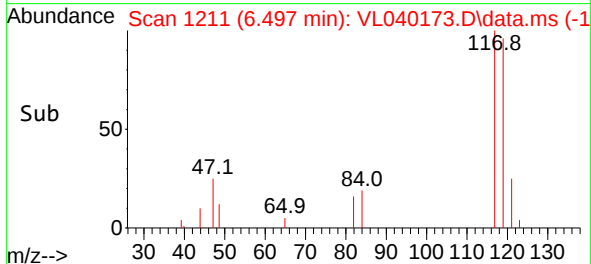
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 12350
Ion Ratio Lower Upper
117 100
119 92.0 75.0 112.6
121 26.4 25.0 37.4

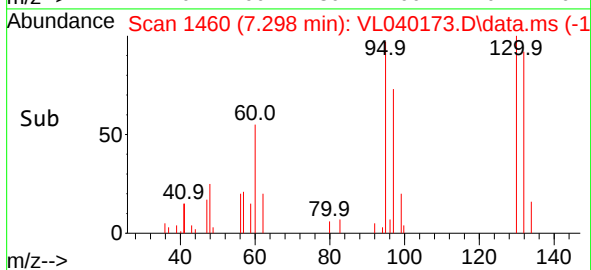
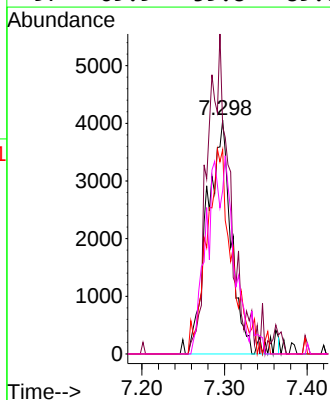
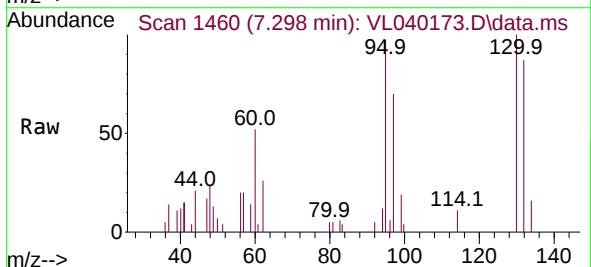
Manual Integrations
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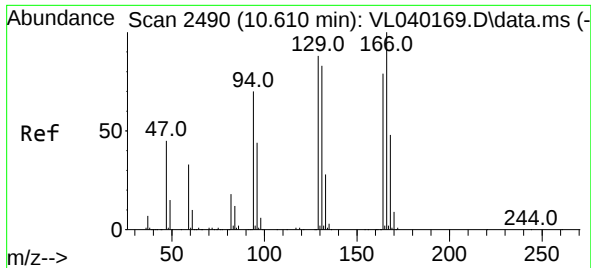
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 0.079 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. 0.013 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

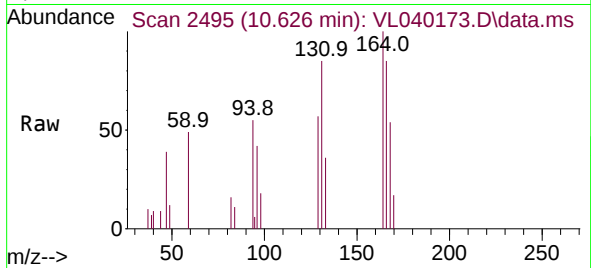
Tgt Ion:130 Resp: 8407
Ion Ratio Lower Upper
130 100
95 97.1 94.7 142.1
132 87.4 76.4 114.6
97 69.9 59.8 89.6





#52
Tetrachloroethene
Concen: 0.096 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.016 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

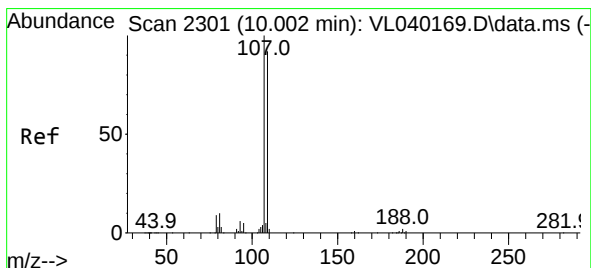
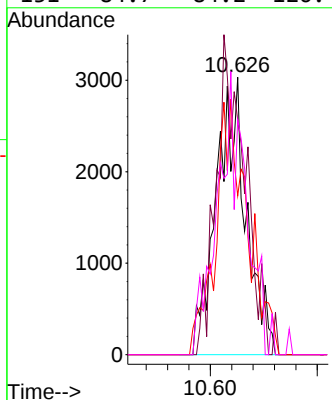
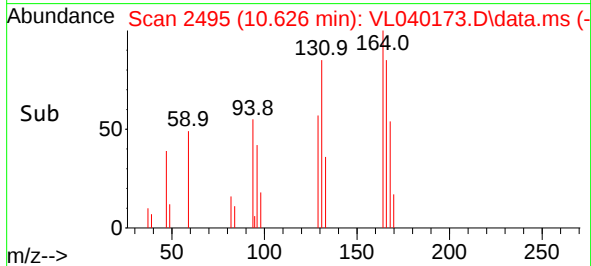
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



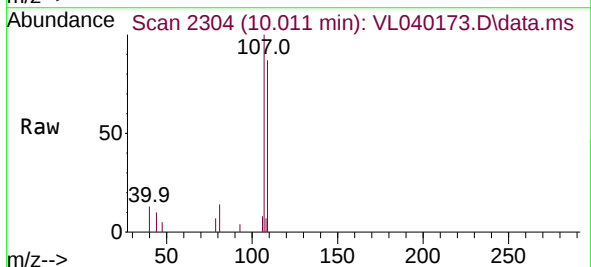
Tgt Ion:164 Resp: 587
Ion Ratio Lower Upper
164 100
166 84.6 101.5 152.3
129 57.3 89.0 133.4
131 84.7 84.2 126.4

Manual Integrations
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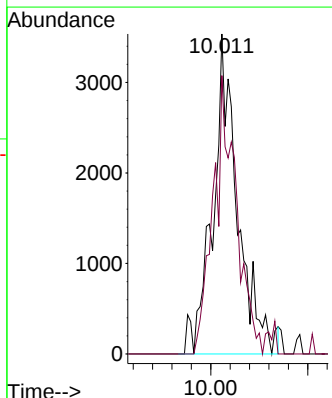
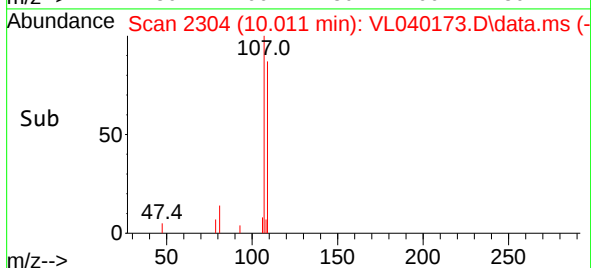
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

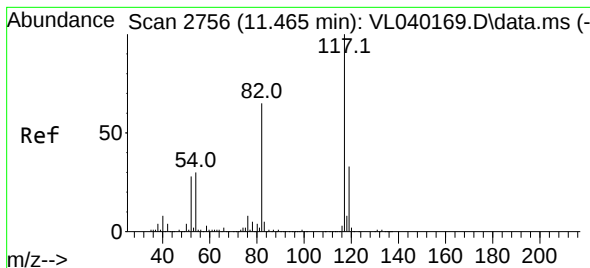


#54
1,2-Dibromoethane
Concen: 0.078 ppbv m
RT: 10.011 min Scan# 2304
Delta R.T. 0.010 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00



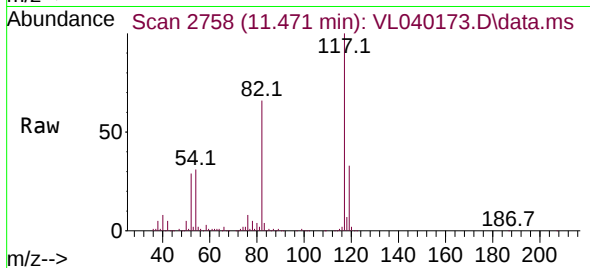
Tgt Ion:107 Resp: 6289
Ion Ratio Lower Upper
107 100
109 87.0 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

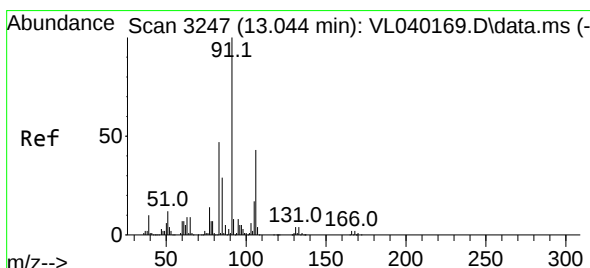
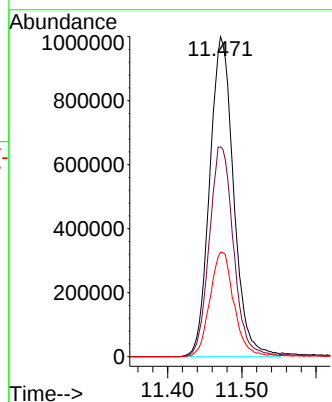
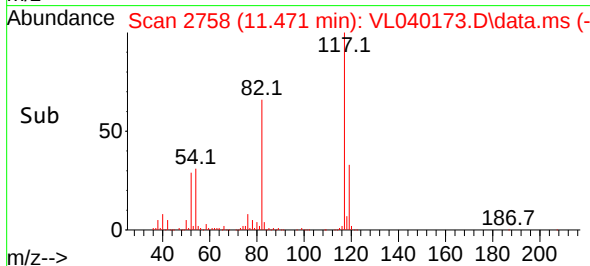
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 224147
Ion Ratio Lower Upper
117 100
82 67.3 53.3 79.9
119 33.1 24.6 37.0

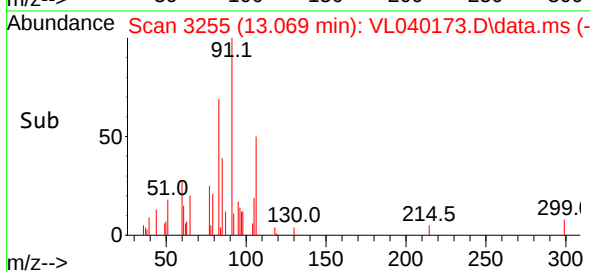
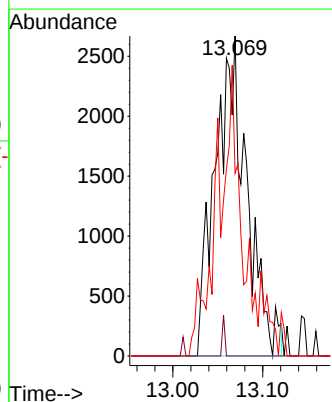
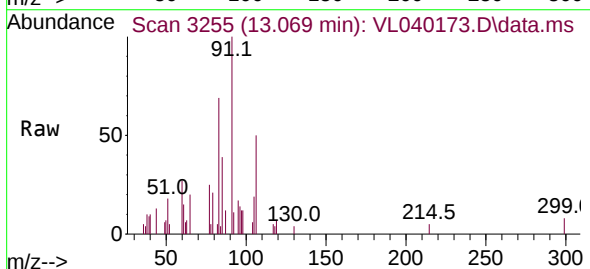
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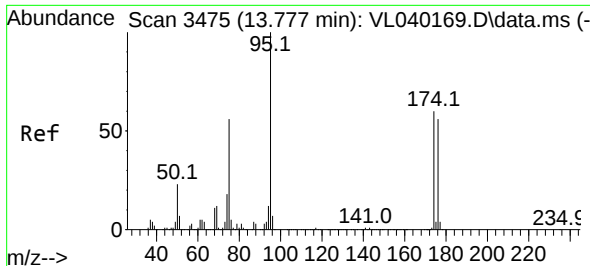
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#63
1,1,2,2-Tetrachloroethane
Concen: 0.085 ppbv m
RT: 13.069 min Scan# 3255
Delta R.T. 0.026 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

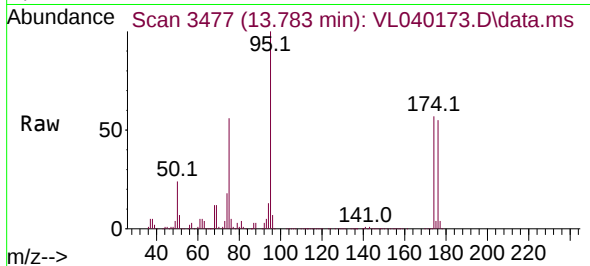
Tgt Ion: 83 Resp: 6556
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2#
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.920 ppbv
RT: 13.783 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00

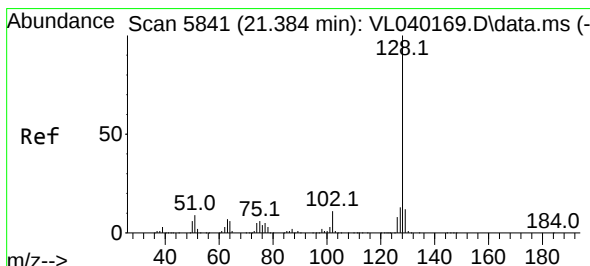
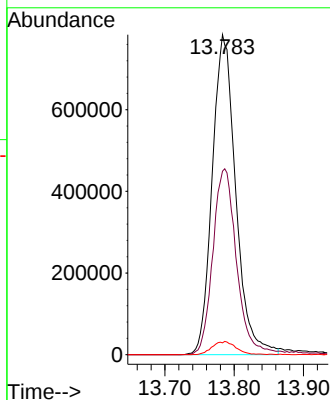
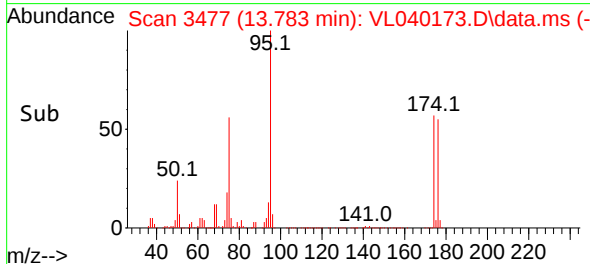
Instrument :
MSVOA_1
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VSTDIC0.1



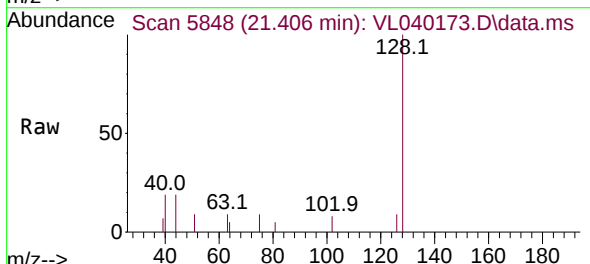
Tgt Ion: 95 Resp: 184790
Ion Ratio Lower Upper
95 100
174 59.8 48.2 72.2
175 4.3 3.4 5.2

Manual Integrations
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Supervised By :Mahesh Dadoda 02/18/2023



#79
Naphthalene
Concen: 0.048 ppbv m
RT: 21.406 min Scan# 5848
Delta R.T. 0.022 min
Lab File: VL040173.D
Acq: 15 Feb 2023 13:00



Tgt Ion:128 Resp: 6541
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.4 14.0#

