

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039900.D
 Acq On : 18 Nov 2022 11:17
 Operator : SY/AP
 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 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:50:46 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Nov 18 11:17:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1233772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3787825	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3405123	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2652151	10.406	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.909	62	7664m	0.103	ppbv	
32) 1,1,1-Trichloroethane	5.983	97	18428m	0.095	ppbv	
35) Carbon Tetrachloride	6.481	117	17896m	0.081	ppbv	
38) Trichloroethene	7.282	130	15647m	0.091	ppbv	
52) Tetrachloroethene	10.613	164	11348m	0.095	ppbv	
54) 1,2-Dibromoethane	10.012	107	11774m	0.084	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	11278m	0.083	ppbv	
79) Naphthalene	21.420	128	17336m	0.062	ppbv	

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

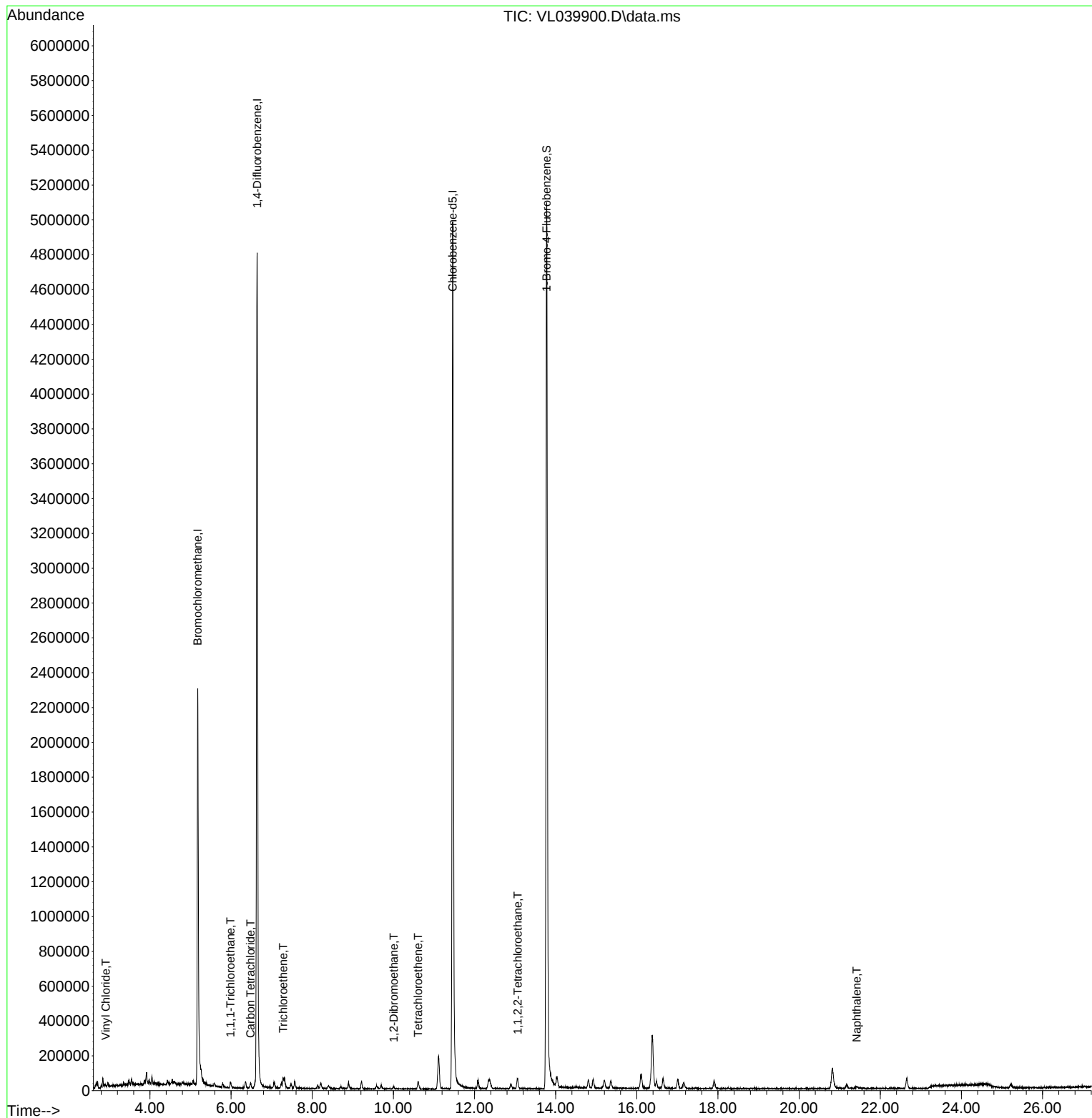
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
Data File : VL039900.D
Acq On : 18 Nov 2022 11:17
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

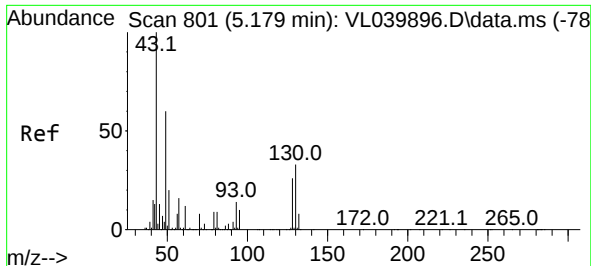
Instrument :
MSVOA_L
ClientSampleId :
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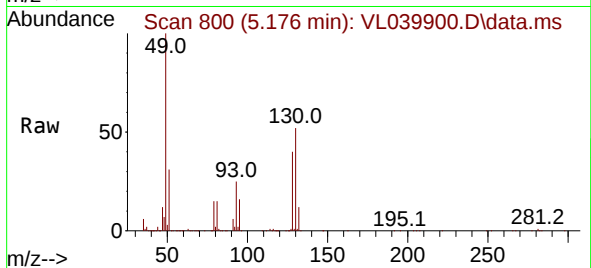
Quant Time: Nov 18 11:50:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Nov 18 11:17:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

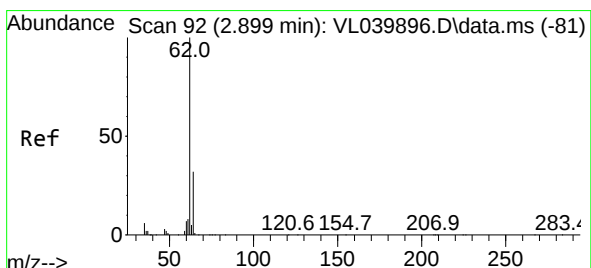
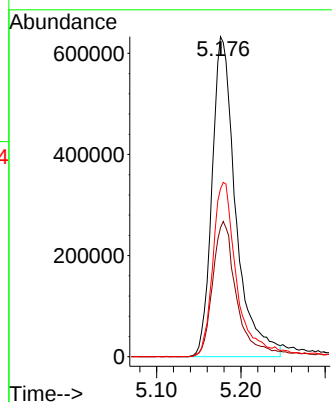
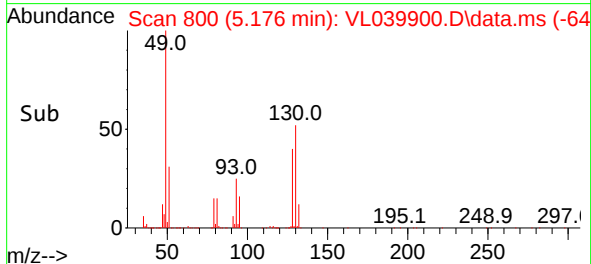
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1233772
Ion Ratio Lower Upper
49 100
128 44.4 22.1 66.3
130 57.8 27.7 83.1

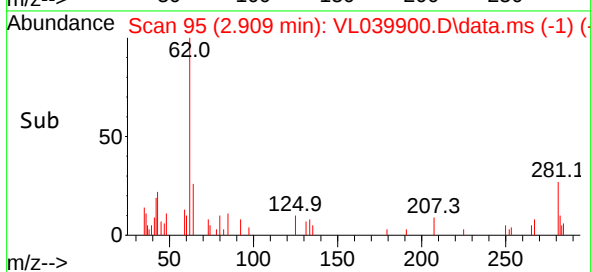
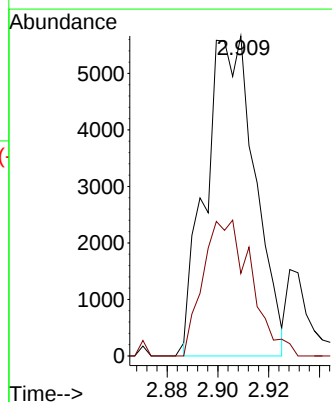
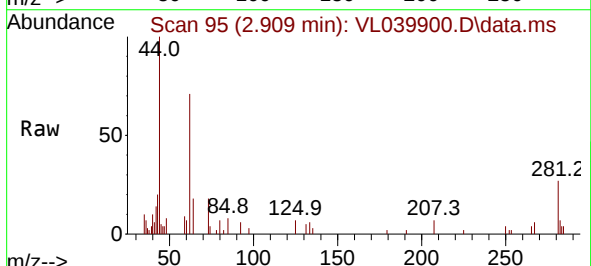
Manual Integrations
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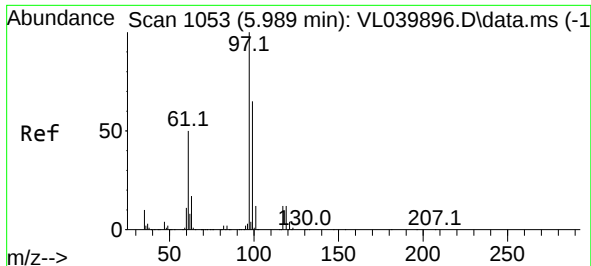
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#5
Vinyl Chloride
Concen: 0.103 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. 0.010 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 62 Resp: 7664
Ion Ratio Lower Upper
62 100
64 25.8 25.7 38.5





#32

1,1,1-Trichloroethane

Concen: 0.095 ppbv m

RT: 5.983 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

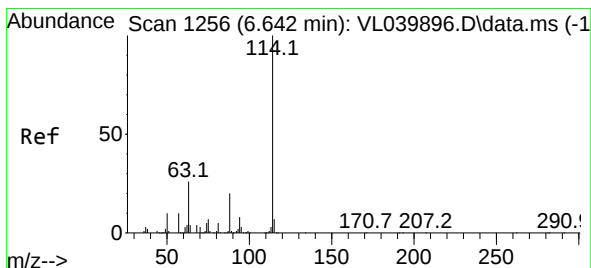
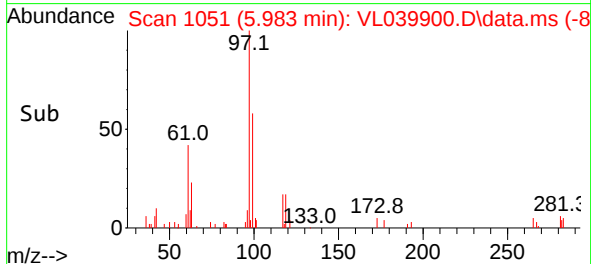
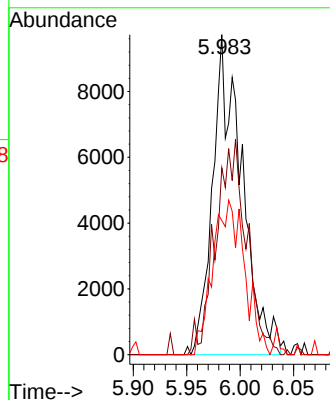
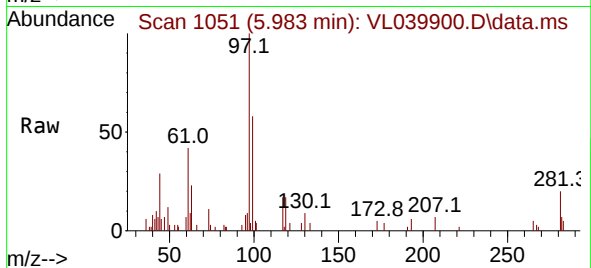
Tgt Ion: 97	Resp: 18428
Ion Ratio	Lower Upper
97 100	
99 0.0	51.4 77.0
61 0.0	40.7 61.1

Manual Integrations

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Supervised By :Mahesh Dadoda 11/21/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

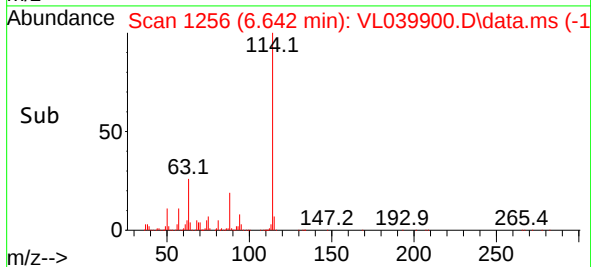
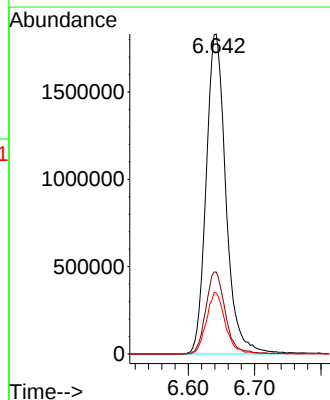
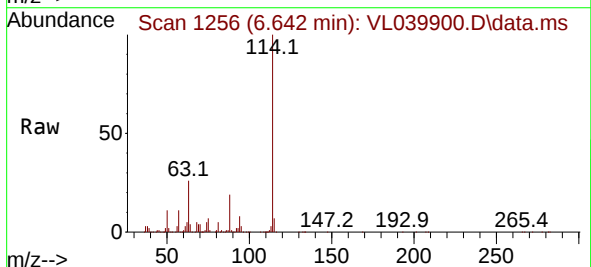
RT: 6.642 min Scan# 1256

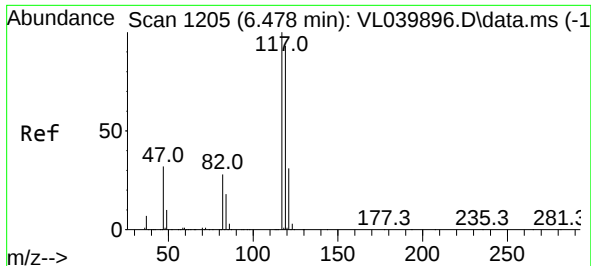
Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Tgt Ion: 114	Resp: 3787825
Ion Ratio	Lower Upper
114 100	
63 25.5	21.4 32.0
88 18.6	15.3 22.9





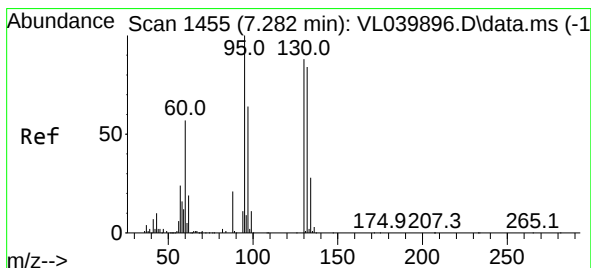
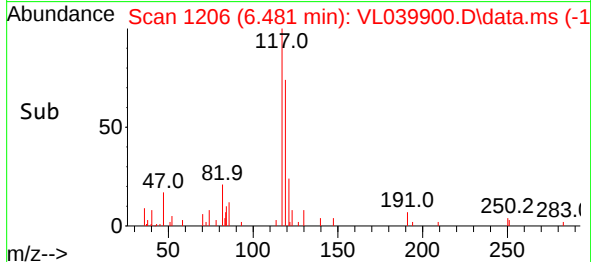
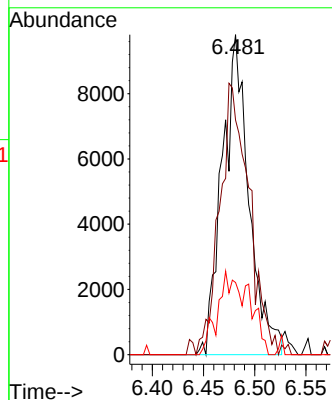
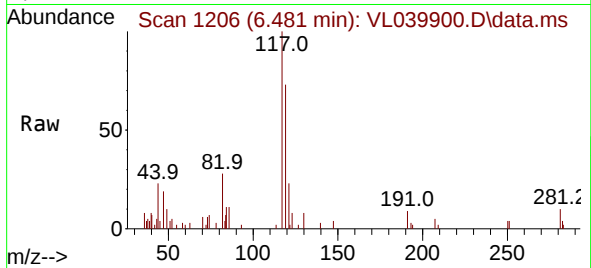
#35
Carbon Tetrachloride
Concen: 0.081 ppbv m
RT: 6.481 min Scan# 1206
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion:117 Resp: 17890
Ion Ratio Lower Upper
117 100
119 73.3 74.7 112.1
121 22.5 24.5 36.7

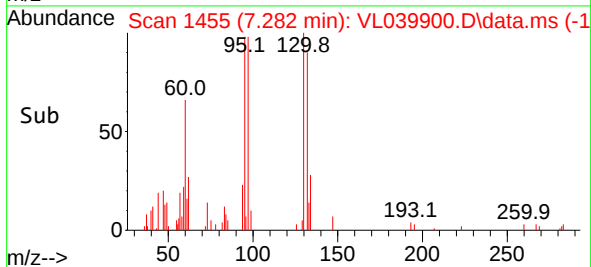
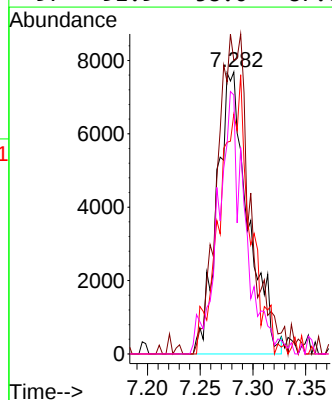
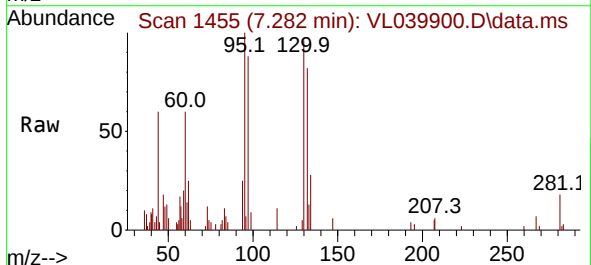
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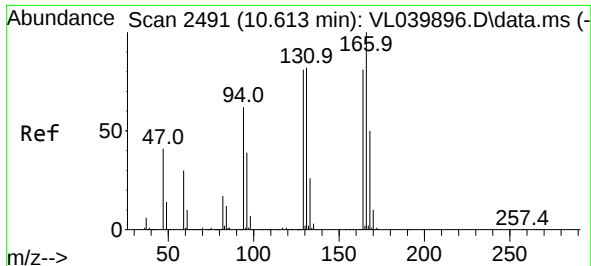
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#38
Trichloroethene
Concen: 0.091 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

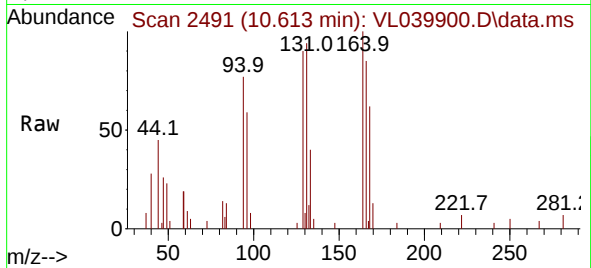
Tgt Ion:130 Resp: 15647
Ion Ratio Lower Upper
130 100
95 104.2 90.6 135.8
132 85.0 76.2 114.4
97 91.9 58.0 87.0#





#52
Tetrachloroethene
Concen: 0.095 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

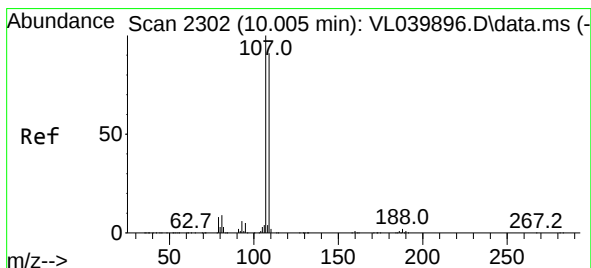
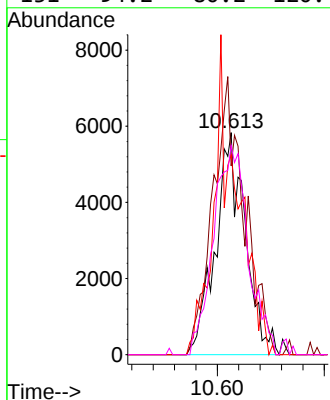
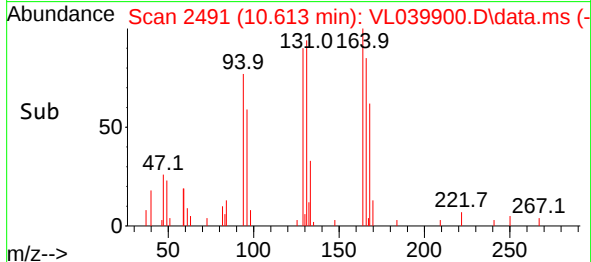
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



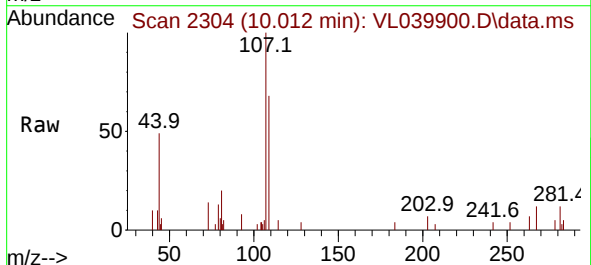
Tgt Ion:164 Resp: 1134
Ion Ratio Lower Upper
164 100
166 85.0 98.3 147.5
129 90.0 79.7 119.5
131 94.2 80.2 120.4

Manual Integrations
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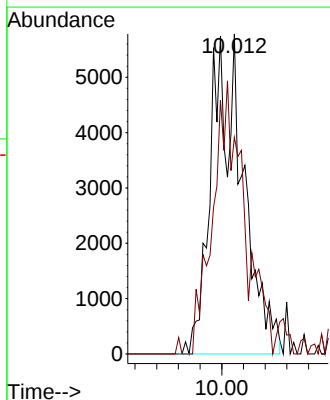
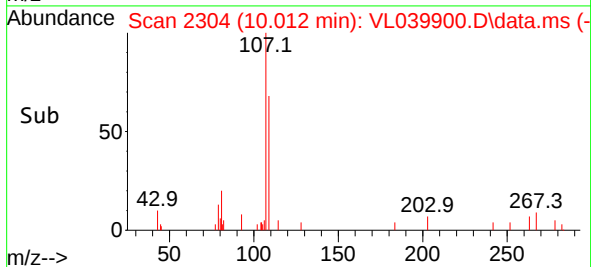
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

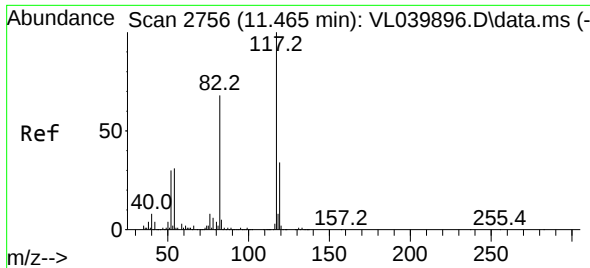


#54
1,2-Dibromoethane
Concen: 0.084 ppbv m
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17



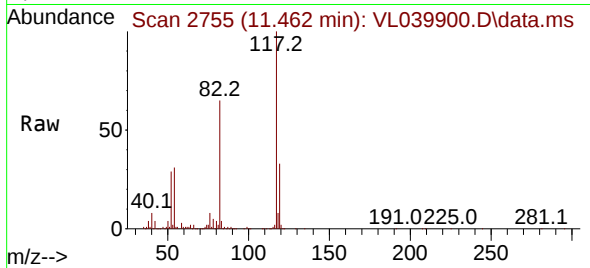
Tgt Ion:107 Resp: 11774
Ion Ratio Lower Upper
107 100
109 67.7 72.8 109.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

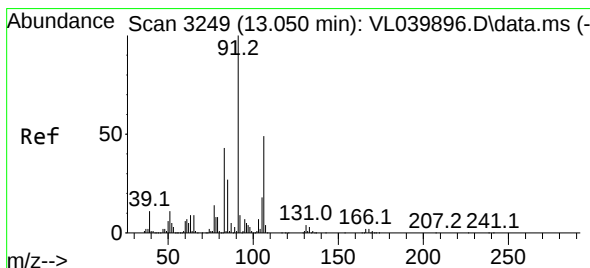
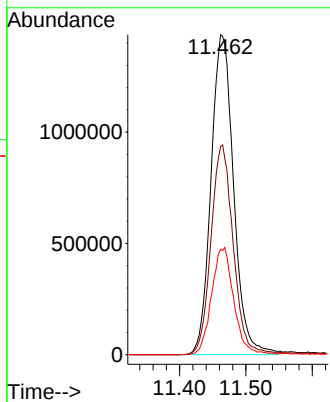
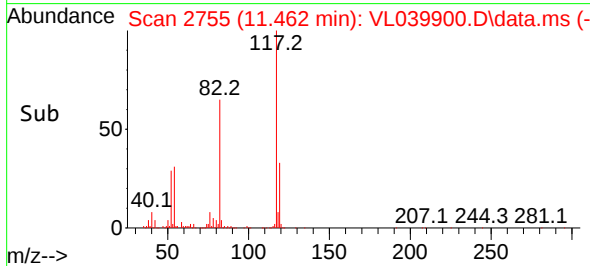
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 340512
Ion Ratio Lower Upper
117 100
82 65.2 52.3 78.5
119 33.1 25.7 38.5

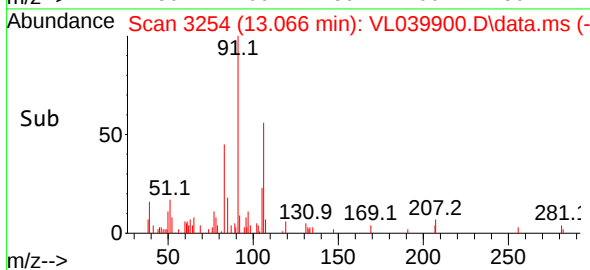
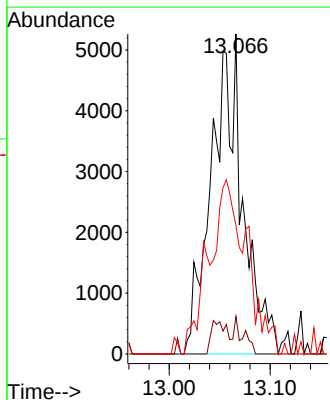
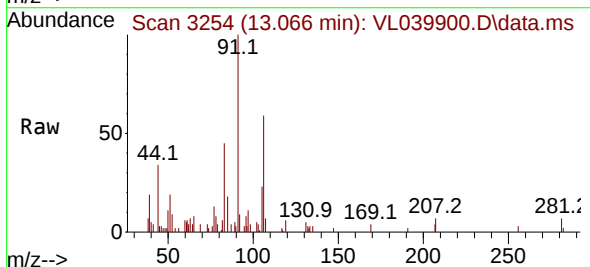
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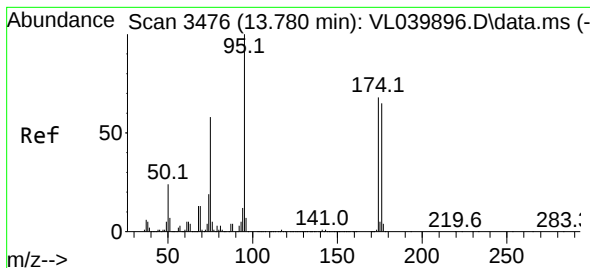
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.083 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.016 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

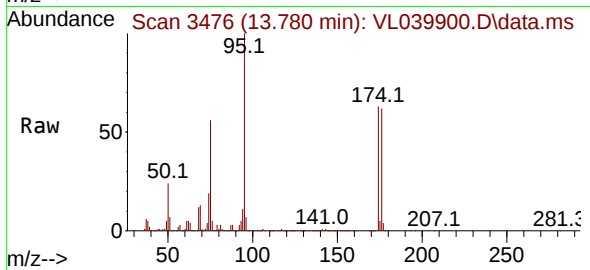
Tgt Ion: 83 Resp: 11278
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.0 99.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.406 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

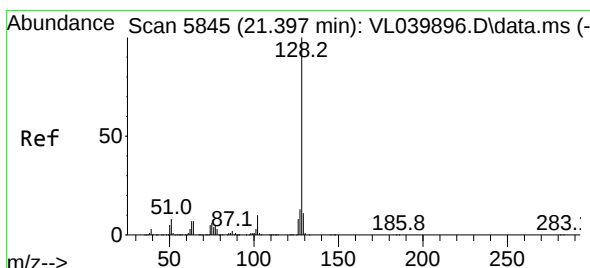
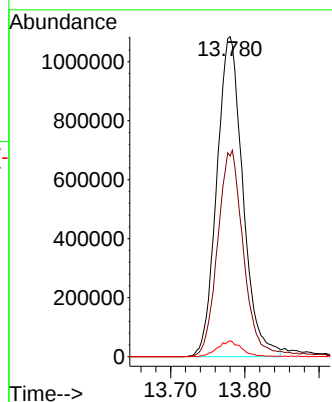
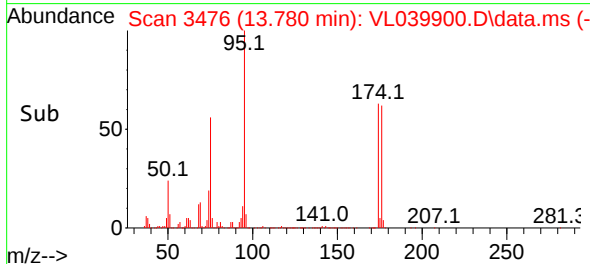
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



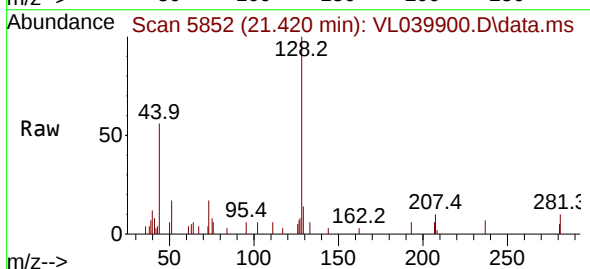
Tgt Ion: 95 Resp: 265215
Ion Ratio Lower Upper
95 100
174 65.0 53.7 80.5
175 4.6 4.0 6.0

Manual Integrations
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#79
Naphthalene
Concen: 0.062 ppbv m
RT: 21.420 min Scan# 5852
Delta R.T. 0.023 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17



Tgt Ion:128 Resp: 17336
Ion Ratio Lower Upper
128 100
127 7.7 10.0 15.0#
129 14.2 8.8 13.2#

