

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039540.D
 Acq On : 17 Aug 2022 6:13
 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 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

Quant Time: Aug 17 07:47:39 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Aug 17 2022
 QLast Update : Wed Aug 17 04:35:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1086756	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.657	114	2848374	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.467	117	2559652	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.776	95	1929726	10.153	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.934	62	6103m	0.082	ppbv	
32) 1,1,1-Trichloroethane	6.011	97	12834m	0.072	ppbv	
35) Carbon Tetrachloride	6.503	117	12344m	0.071	ppbv	
38) Trichloroethene	7.297	130	10467m	0.088	ppbv	
52) Tetrachloroethene	10.612	164	8128m	0.092	ppbv	
54) 1,2-Dibromoethane	10.008	107	8989m	0.080	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.046	83	12938m	0.092	ppbv	
79) Naphthalene	21.400	128	11483m	0.052	ppbv	

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

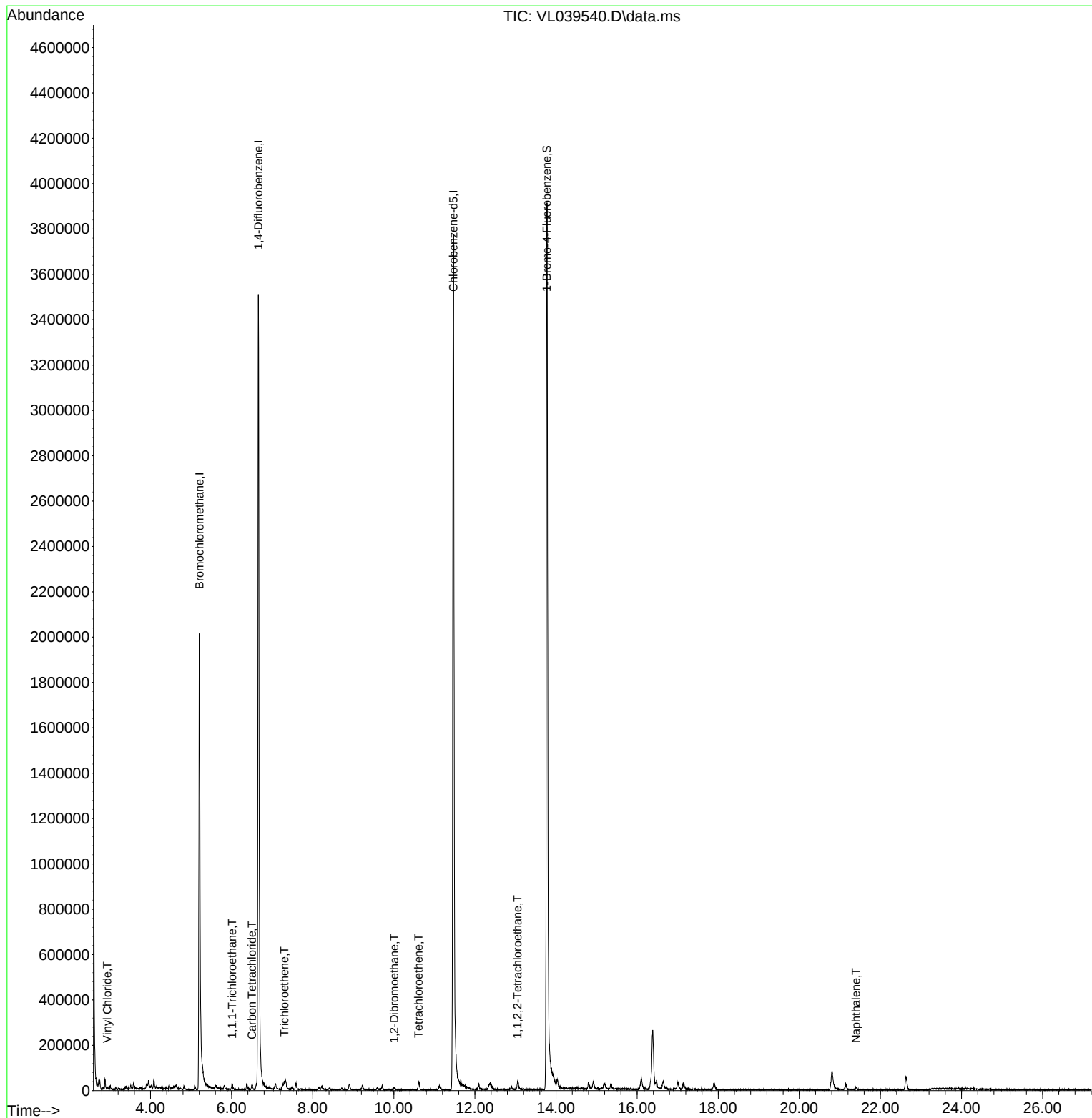
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
Data File : VL039540.D
Acq On : 17 Aug 2022 6:13
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

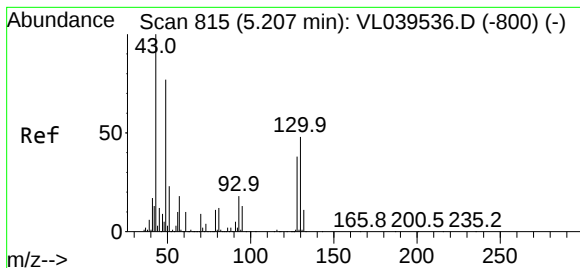
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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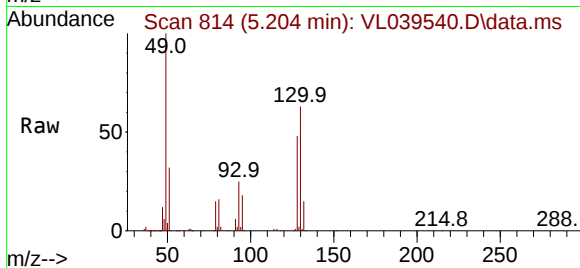
Quant Time: Aug 17 07:47:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

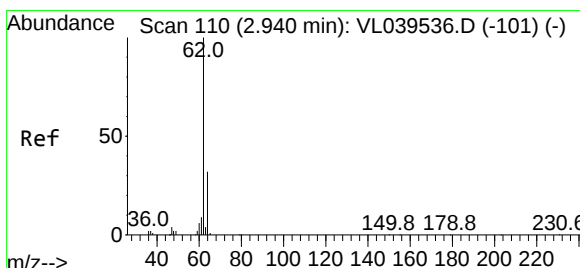
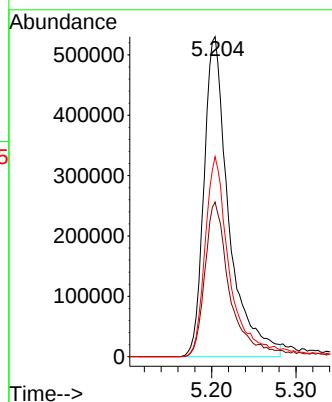
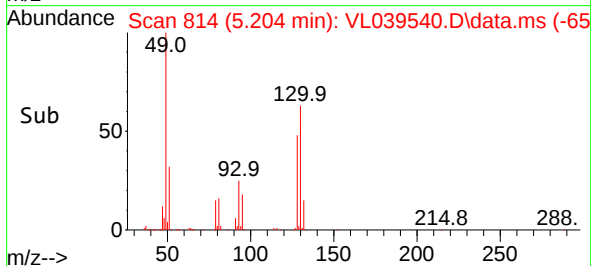
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1086750
Ion Ratio Lower Upper
49 100
128 50.2 25.7 77.0
130 63.7 31.6 95.0

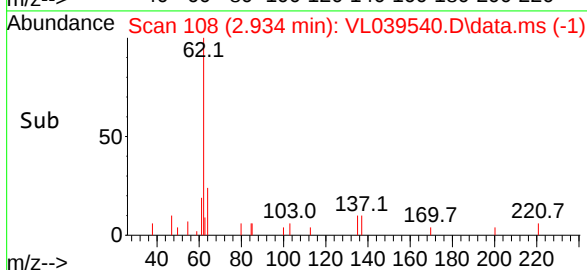
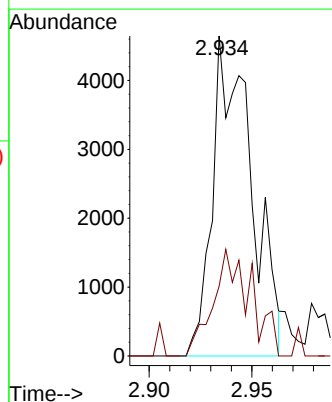
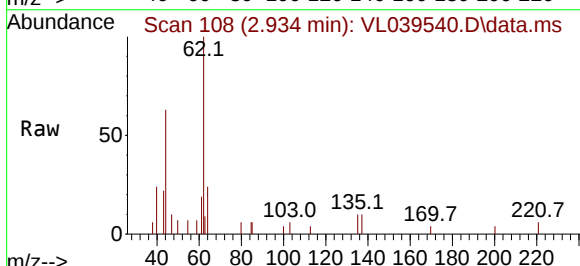
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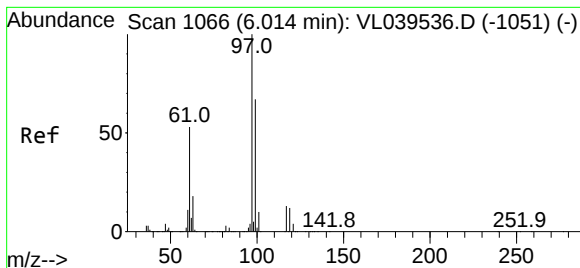
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#5
Vinyl Chloride
Concen: 0.082 ppbv m
RT: 2.934 min Scan# 108
Delta R.T. -0.006 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

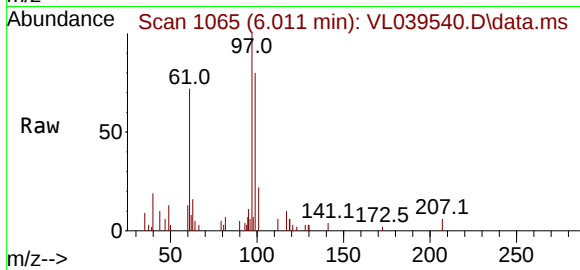
Tgt Ion: 62 Resp: 6103
Ion Ratio Lower Upper
62 100
64 23.8 25.5 38.3#





#32
1,1,1-Trichloroethane
Concen: 0.072 ppbv m
RT: 6.011 min Scan# 1066
Delta R.T. -0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

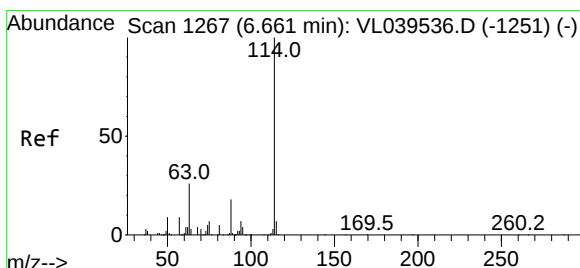
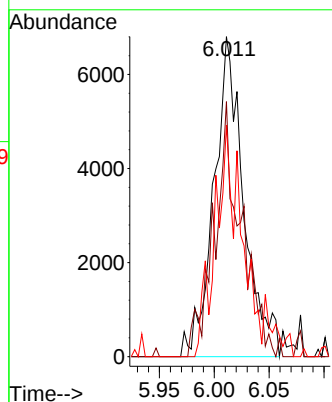
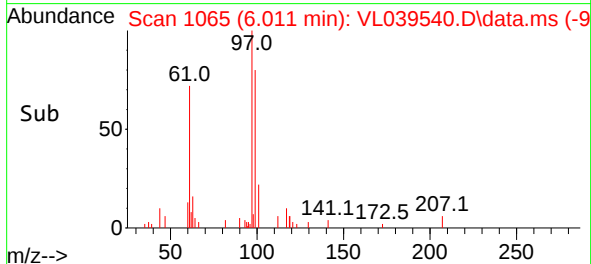
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 12834
Ion Ratio Lower Upper
97 100
99 72.3 52.4 78.6
61 71.0 42.9 64.3

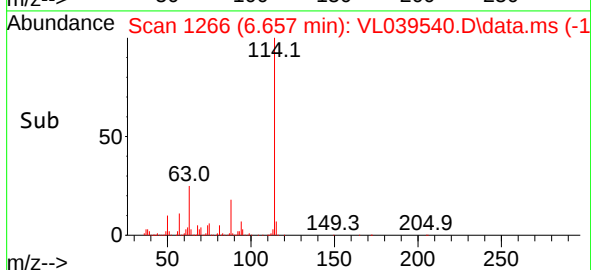
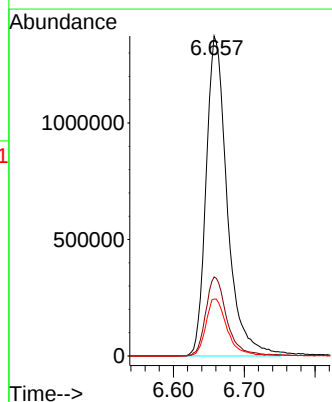
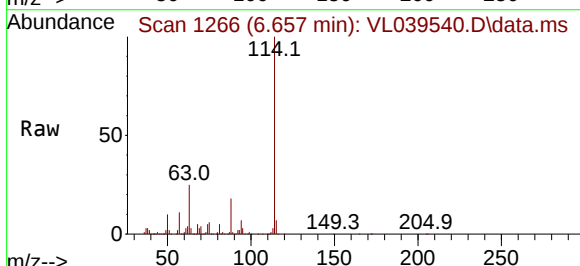
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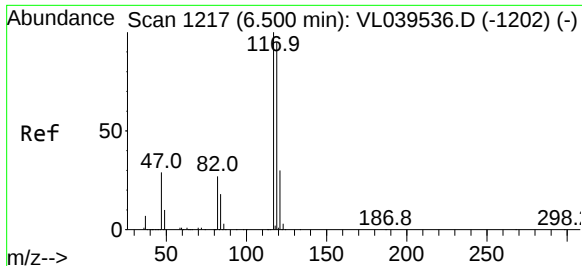
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.657 min Scan# 1266
Delta R.T. -0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

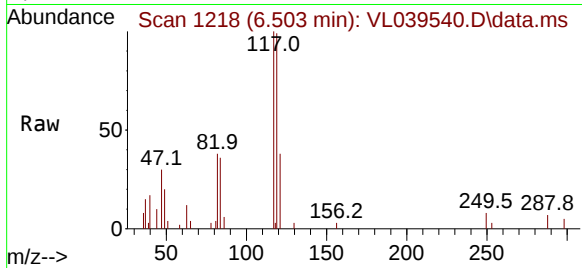
Tgt Ion:114 Resp: 2848374
Ion Ratio Lower Upper
114 100
63 25.0 20.6 31.0
88 18.2 14.6 22.0





#35
Carbon Tetrachloride
Concen: 0.071 ppbv m
RT: 6.503 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

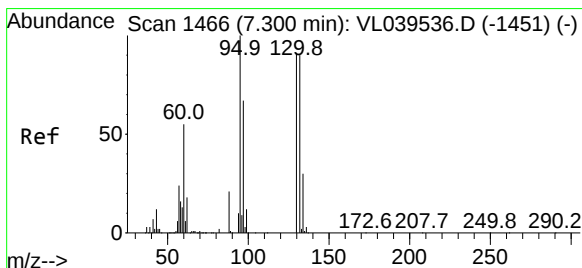
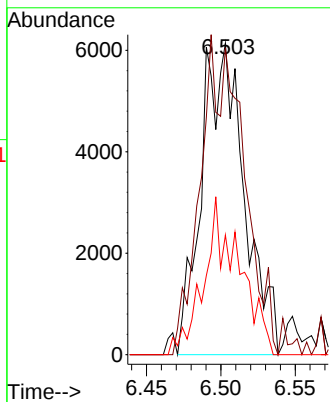
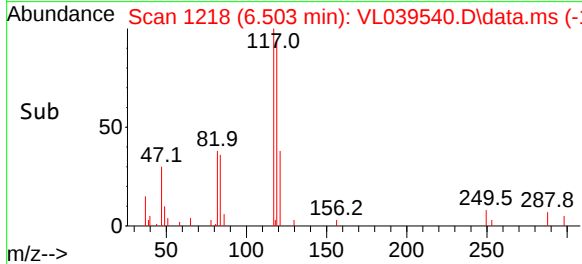
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 12344
Ion Ratio Lower Upper
117 100
119 98.5 76.2 114.4
121 38.5 24.4 36.6

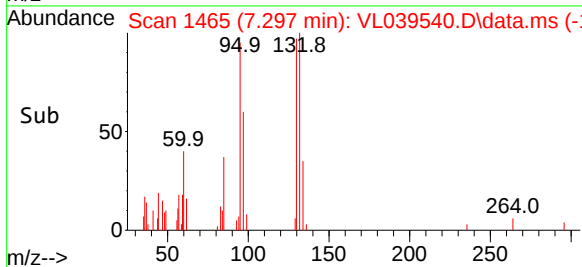
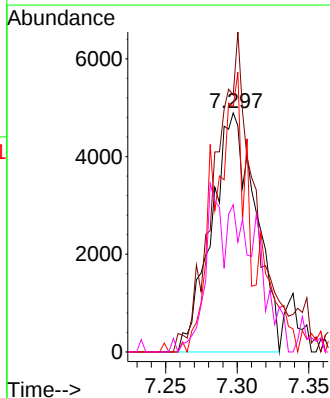
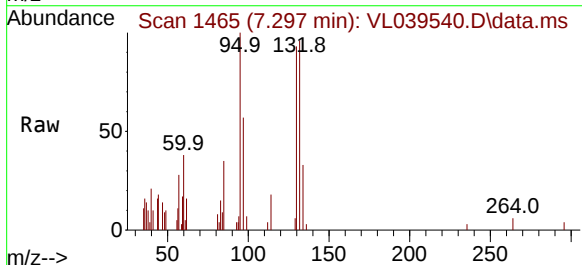
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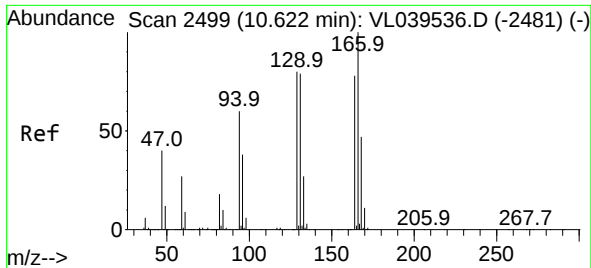
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#38
Trichloroethene
Concen: 0.088 ppbv m
RT: 7.297 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

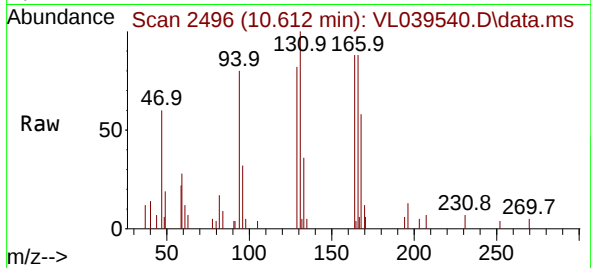
Tgt Ion:130 Resp: 10467
Ion Ratio Lower Upper
130 100
95 107.4 88.0 132.0
132 102.8 79.1 118.7
97 61.6 58.7 88.1





#52
Tetrachloroethene
Concen: 0.092 ppbv m
RT: 10.612 min Scan# 2499
Delta R.T. -0.010 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

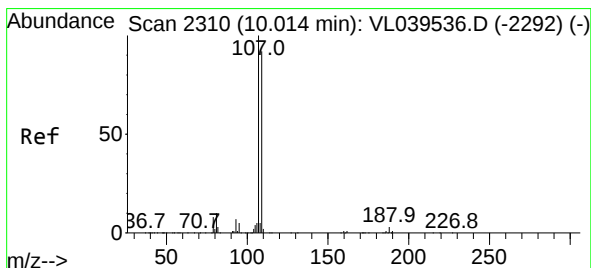
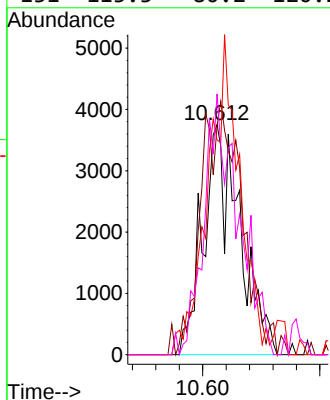
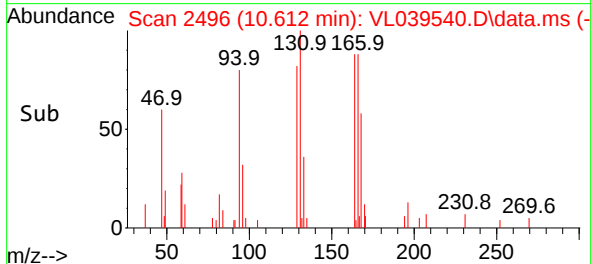
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



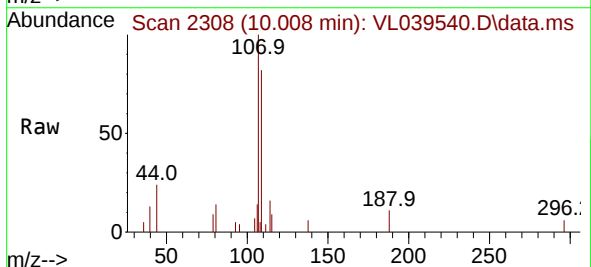
Tgt Ion:164 Resp: 8128
Ion Ratio Lower Upper
164 100
166 99.5 102.0 153.0
129 93.3 81.7 122.5
131 113.3 80.2 120.2

Manual Integrations
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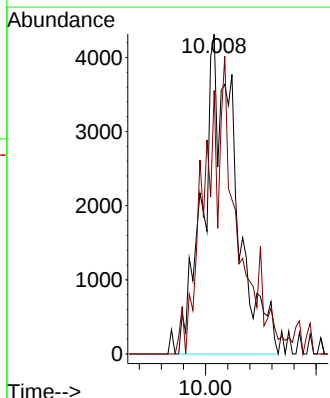
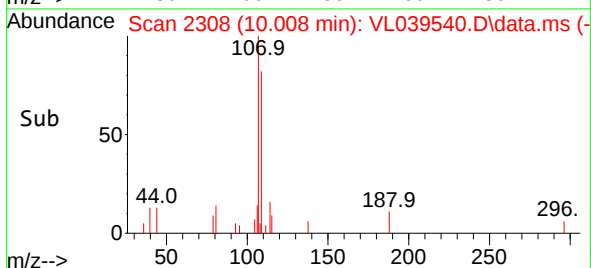
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

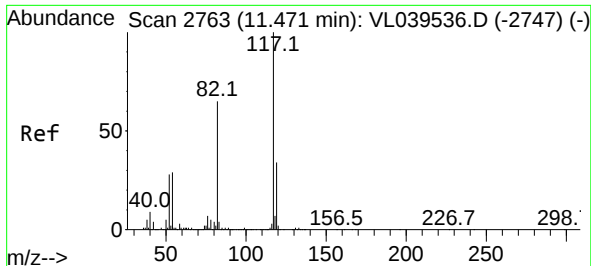


#54
1,2-Dibromoethane
Concen: 0.080 ppbv m
RT: 10.008 min Scan# 2308
Delta R.T. -0.006 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13



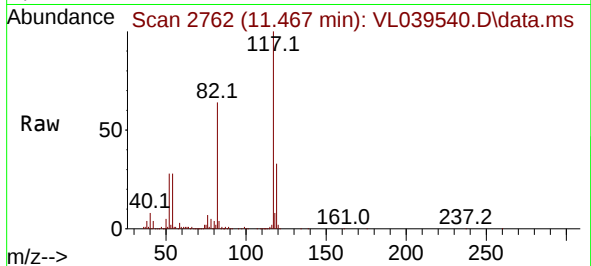
Tgt Ion:107 Resp: 8989
Ion Ratio Lower Upper
107 100
109 82.3 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.467 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

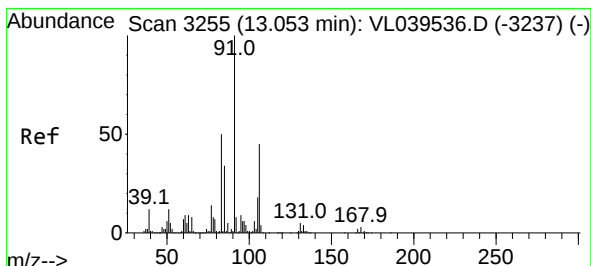
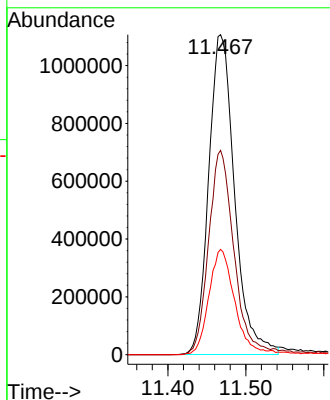
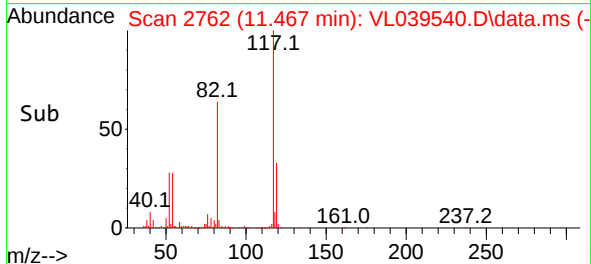
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 117 Resp: 255965
Ion Ratio Lower Upper
117 100
82 64.3 49.1 73.7
119 33.9 25.9 38.9

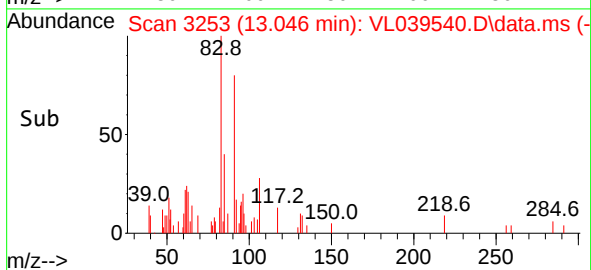
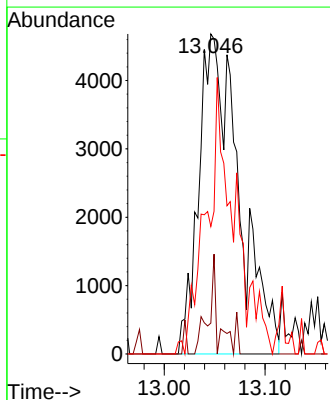
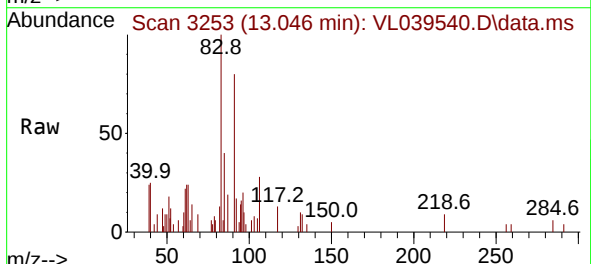
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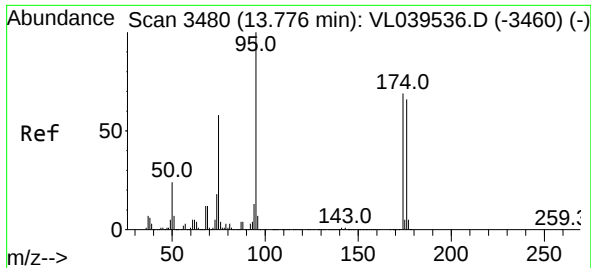
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.092 ppbv m
RT: 13.046 min Scan# 3253
Delta R.T. -0.006 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

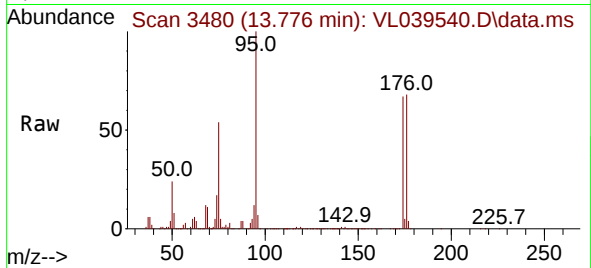
Tgt Ion: 83 Resp: 12938
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.7
85 60.8 33.2 99.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.153 ppbv
RT: 13.776 min Scan# 3480
Delta R.T. 0.000 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13

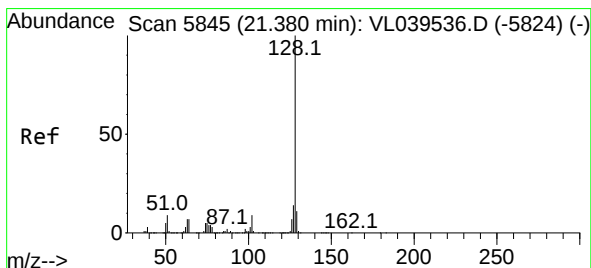
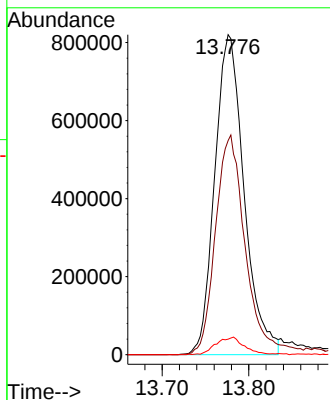
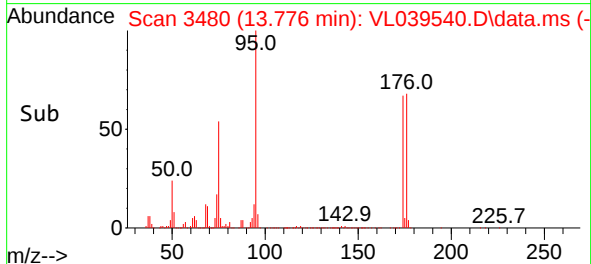
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



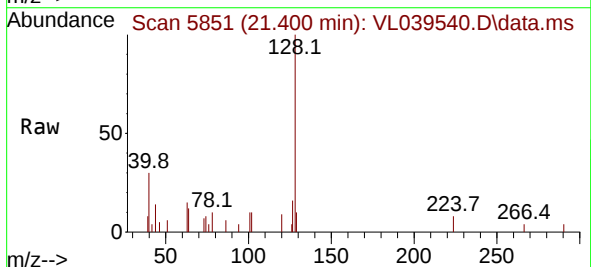
Tgt Ion: 95 Resp: 1929720
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.4 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#79
Naphthalene
Concen: 0.052 ppbv m
RT: 21.400 min Scan# 5851
Delta R.T. 0.019 min
Lab File: VL039540.D
Acq: 17 Aug 2022 6:13



Tgt Ion:128 Resp: 11483
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 9.6 9.1 13.7

