

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039765.D
 Acq On : 24 Oct 2022 18:25
 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 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 19:43:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Oct 24 17:14:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	978068	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2555078	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2182839	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1538236	9.927	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.935	62	6208m	0.101	ppbv	
32) 1,1,1-Trichloroethane	6.008	97	11882m	0.089	ppbv	
35) Carbon Tetrachloride	6.497	117	12725m	0.096	ppbv	
38) Trichloroethene	7.291	130	10635m	0.103	ppbv	
52) Tetrachloroethene	10.616	164	6503m	0.093	ppbv	
54) 1,2-Dibromoethane	10.008	107	6666m	0.083	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	7762m	0.095	ppbv	
79) Naphthalene	21.381	128	9334m	0.066	ppbv	

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

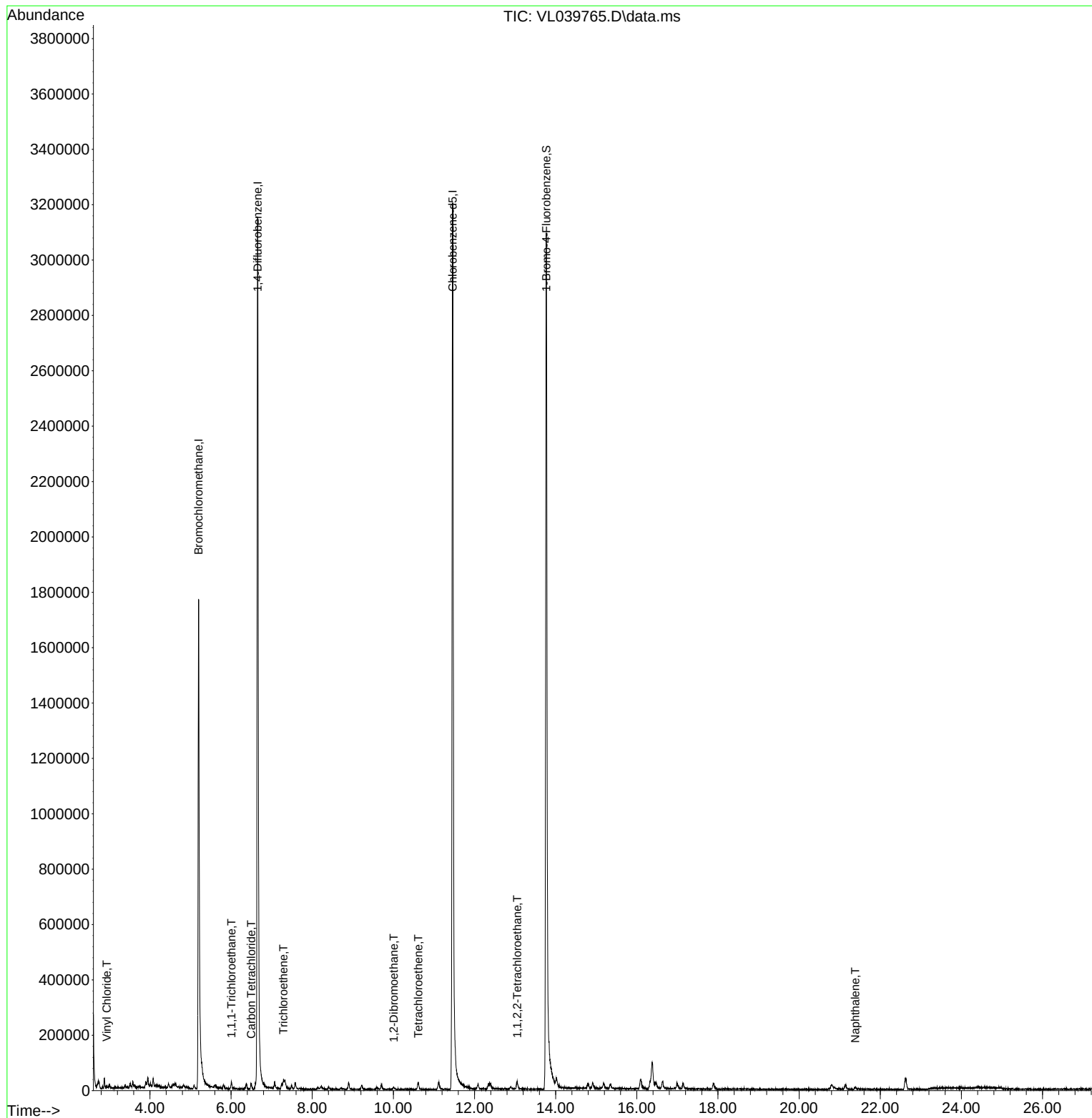
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039765.D
Acq On : 24 Oct 2022 18:25
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

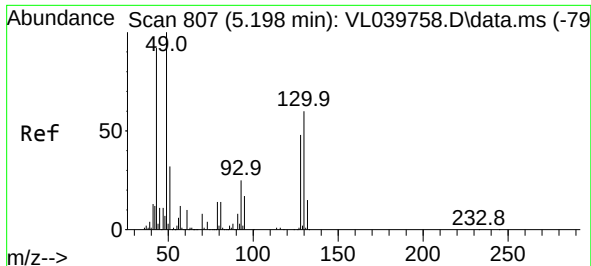
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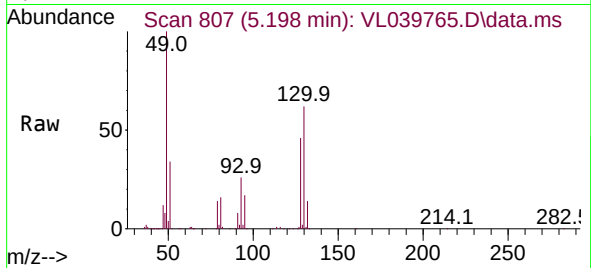
Quant Time: Oct 24 19:43:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 17:14:55 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

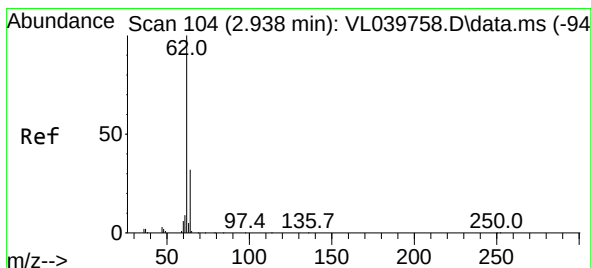
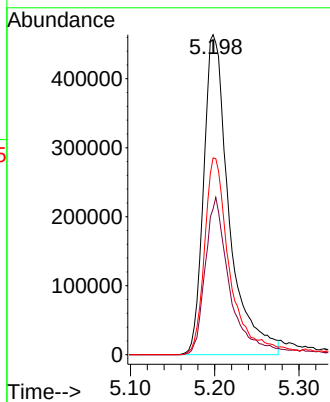
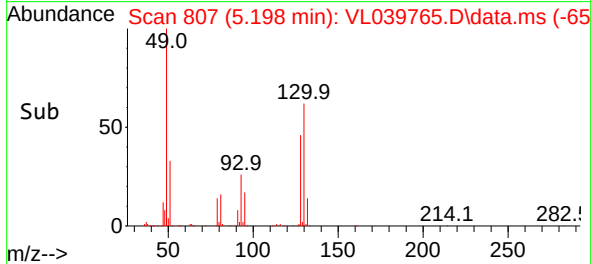
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



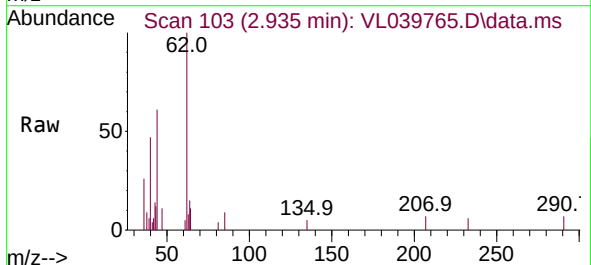
Tgt Ion: 49 Resp: 97806
Ion Ratio Lower Upper
49 100
128 50.0 22.6 67.8
130 64.9 29.0 87.0

Manual Integrations
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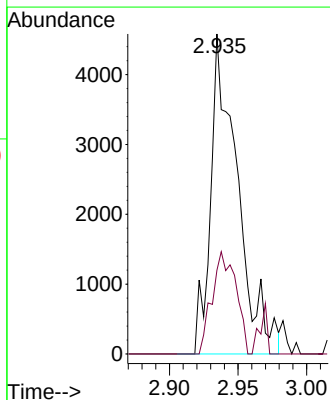
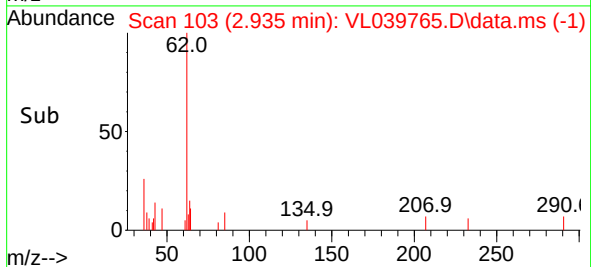
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Supervised By :Mahesh Dadoda 10/31/2022

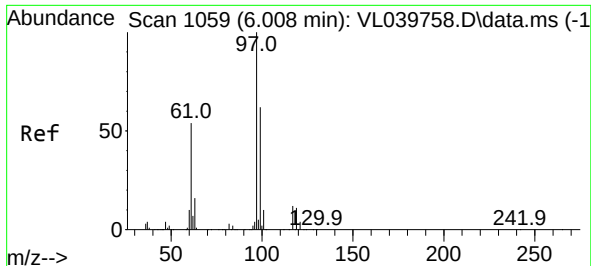


#5
Vinyl Chloride
Concen: 0.101 ppbv m
RT: 2.935 min Scan# 103
Delta R.T. -0.003 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25



Tgt Ion: 62 Resp: 6208
Ion Ratio Lower Upper
62 100
64 11.4 27.1 40.7#





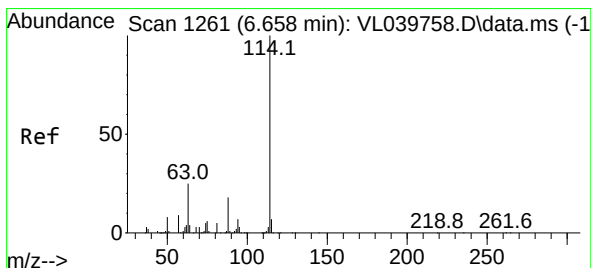
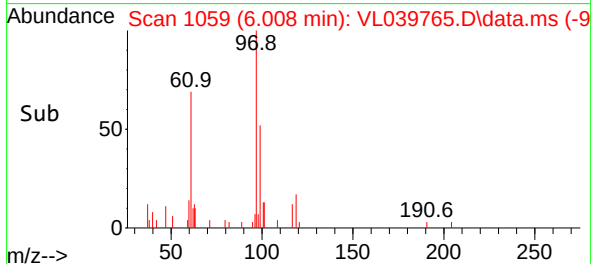
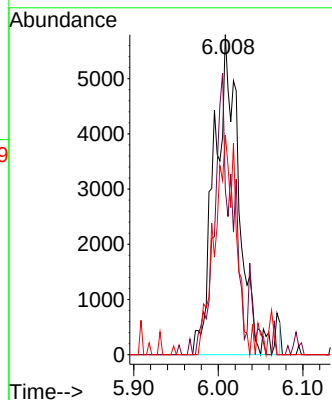
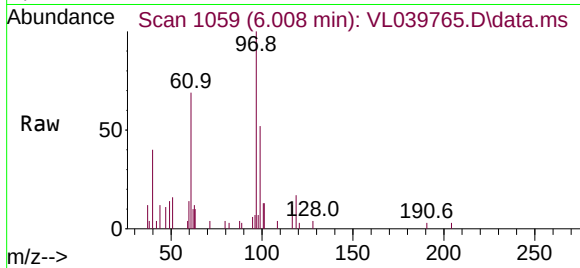
#32
1,1,1-Trichloroethane
Concen: 0.089 ppbv m
RT: 6.008 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 1188
Ion Ratio Lower Upper
97 100
99 68.9 53.0 79.4
61 59.5 43.3 64.9

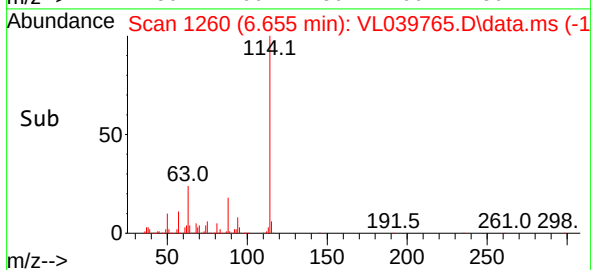
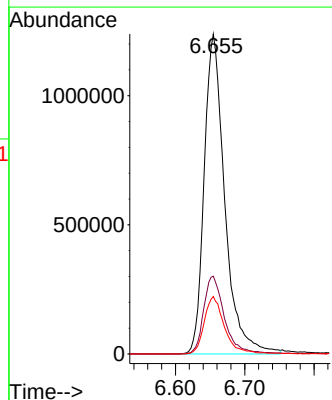
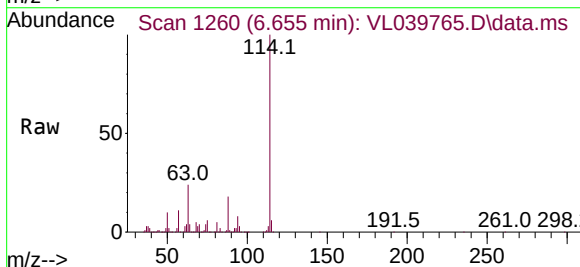
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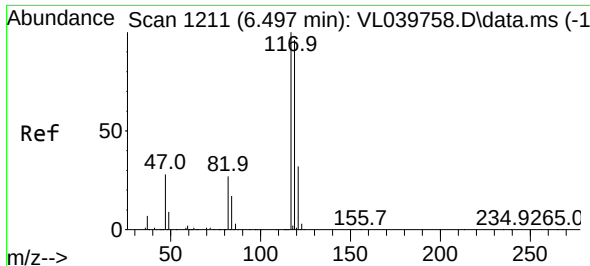
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

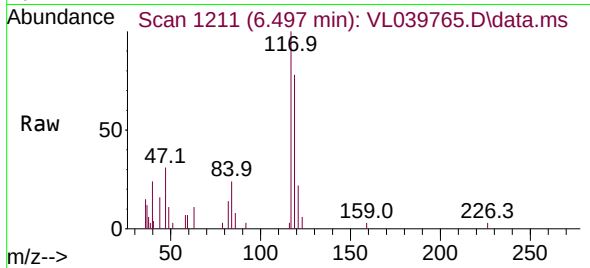
Tgt Ion:114 Resp: 2555078
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 17.8 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.096 ppbv m
RT: 6.497 min Scan# 1211
Delta R.T. 0.003 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

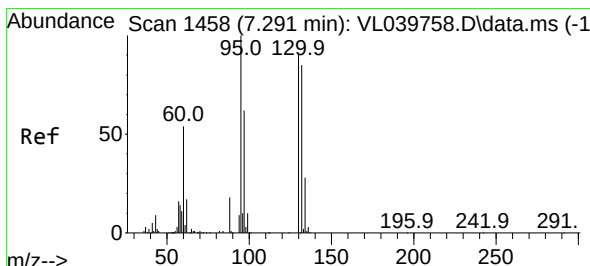
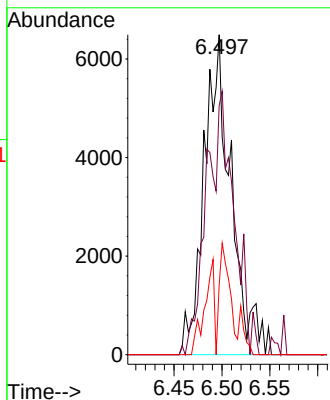
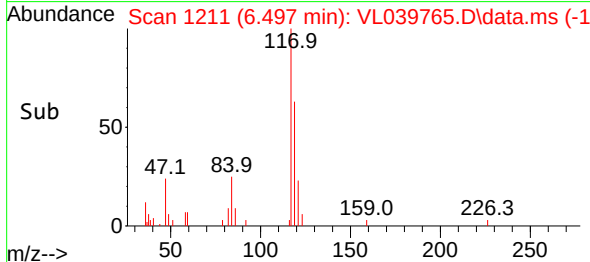
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



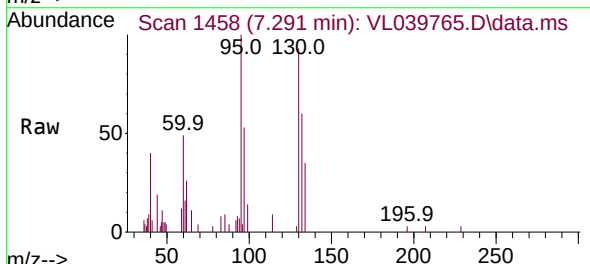
Tgt Ion:117 Resp: 1272
Ion Ratio Lower Upper
117 100
119 77.9 79.2 118.8
121 21.7 25.0 37.6

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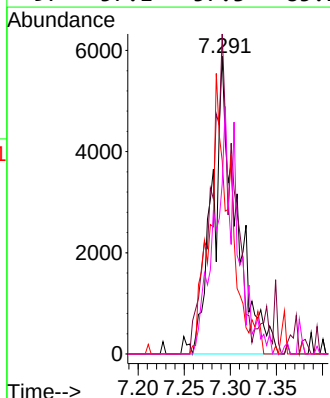
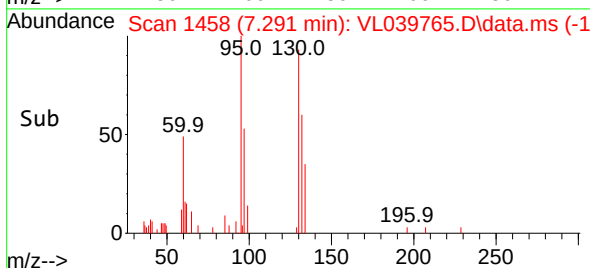
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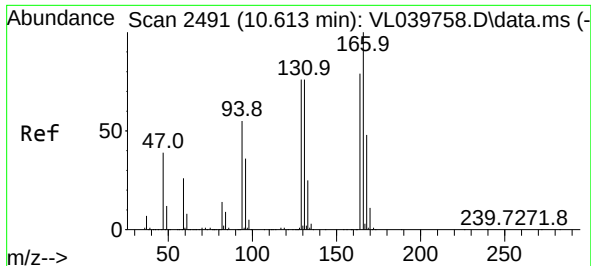


#38
Trichloroethene
Concen: 0.103 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25



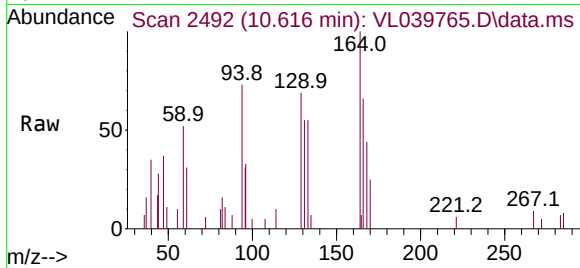
Tgt Ion:130 Resp: 10635
Ion Ratio Lower Upper
130 100
95 107.4 85.4 128.2
132 64.9 73.0 109.6#
97 57.1 57.3 85.9#





#52
Tetrachloroethene
Concen: 0.093 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.010 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

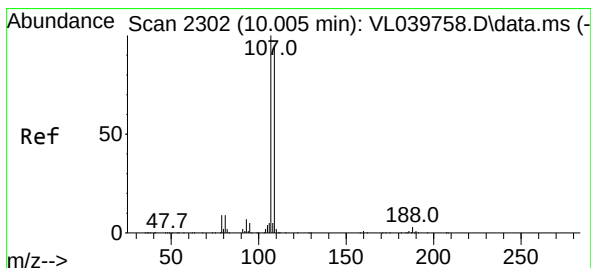
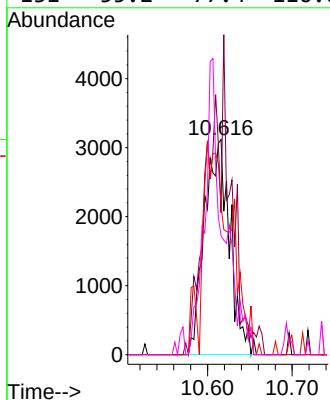
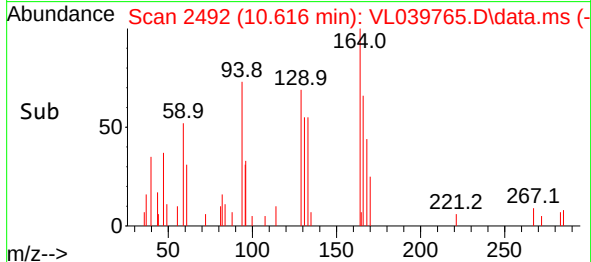
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



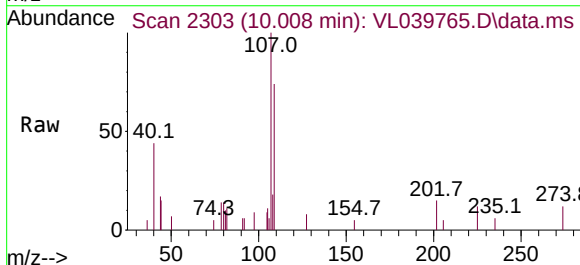
Tgt Ion:164 Resp: 6500
Ion Ratio Lower Upper
164 100
166 66.1 100.0 150.0
129 69.3 82.1 123.1
131 55.2 77.4 116.0

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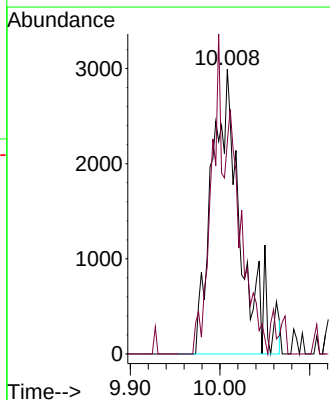
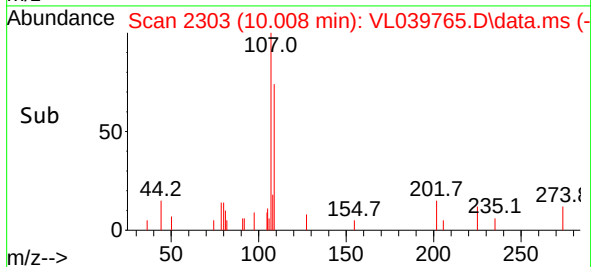
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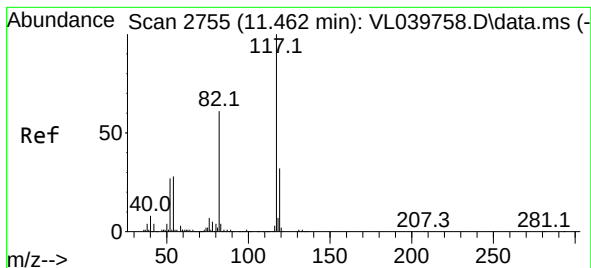


#54
1,2-Dibromoethane
Concen: 0.083 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. 0.010 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25



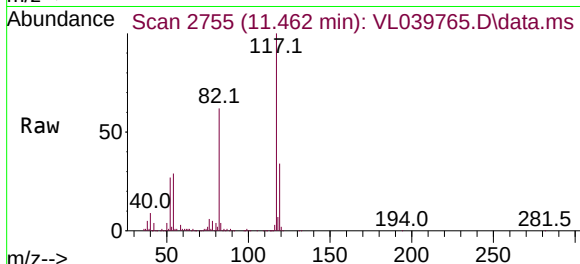
Tgt Ion:107 Resp: 6666
Ion Ratio Lower Upper
107 100
109 74.5 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2182839
Delta R.T. 0.003 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

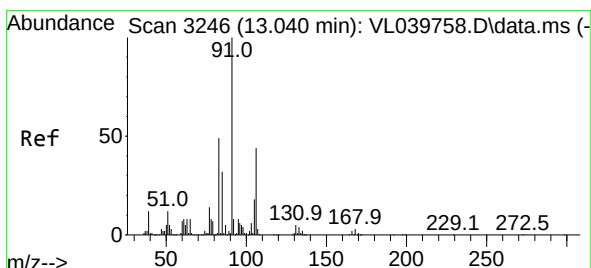
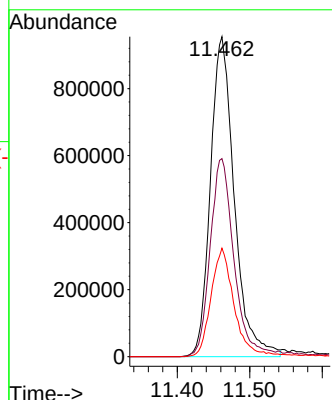
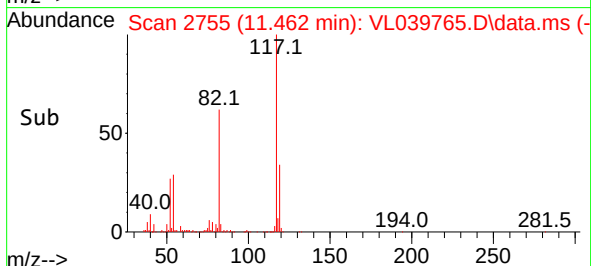
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



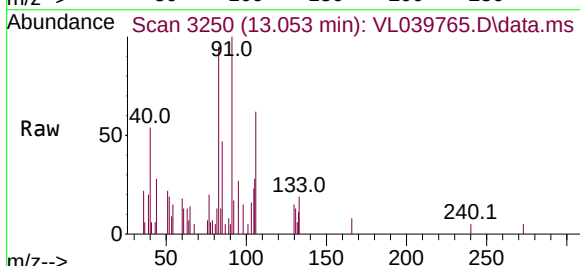
Tgt Ion: 117 Resp: 2182839
Ion Ratio Lower Upper
117 100
82 64.3 51.4 77.0
119 33.4 24.6 36.8

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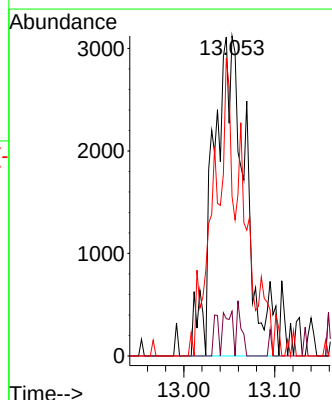
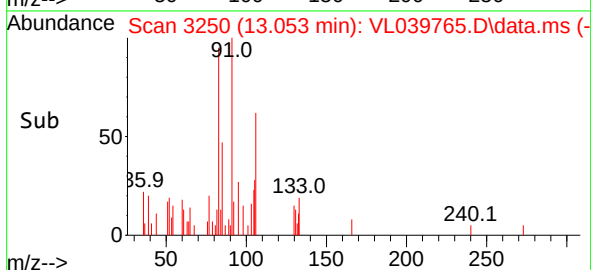
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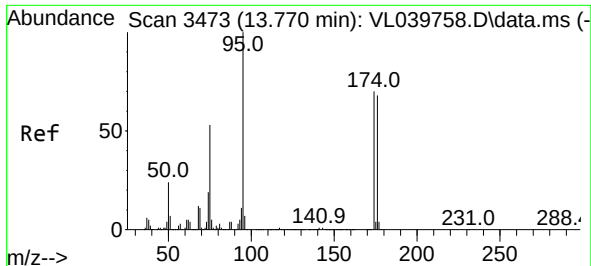


#63
1,1,2,2-Tetrachloroethane
Concen: 0.095 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. 0.016 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25



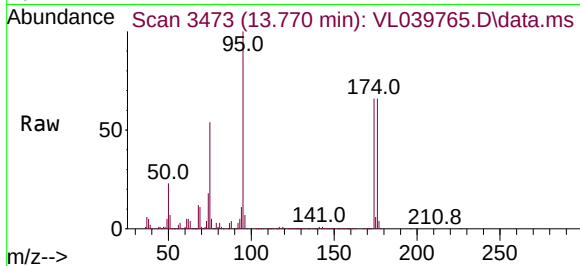
Tgt Ion: 83 Resp: 7762
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 0.0 32.8 98.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.927 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.003 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

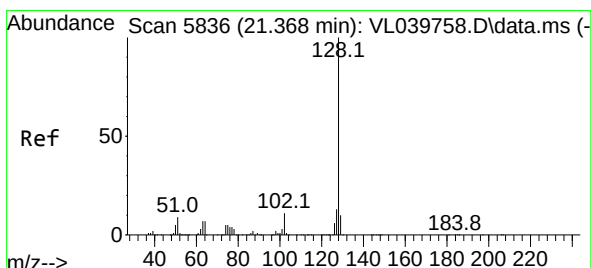
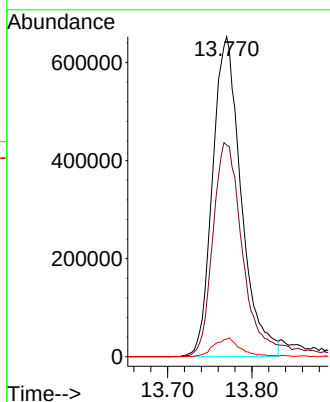
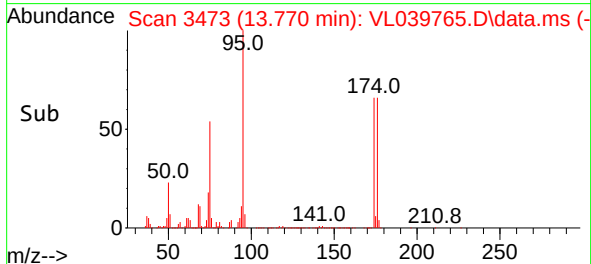
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Tgt Ion: 95 Resp: 1538230
Ion Ratio Lower Upper
95 100
174 74.0 56.5 84.7
175 5.7 4.2 6.4

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#79
Naphthalene
Concen: 0.066 ppbv m
RT: 21.381 min Scan# 5840
Delta R.T. 0.013 min
Lab File: VL039765.D
Acq: 24 Oct 2022 18:25

Tgt Ion:128 Resp: 9334
Ion Ratio Lower Upper
128 100
127 5.8 10.8 16.2#
129 15.8 9.4 14.0#

