

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039762.D
 Acq On : 24 Oct 2022 16:29
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 17:00:43 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 : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	968253	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2488259	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2151018	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1544166m	10.113	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.941	62	6199m	0.102	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	11027m	0.083	ppbv	
35) Carbon Tetrachloride	6.491	117	11944m	0.093	ppbv	
38) Trichloroethene	7.295	130	9836m	0.098	ppbv	
52) Tetrachloroethene	10.616	164	6468m	0.095	ppbv	
54) 1,2-Dibromoethane	10.005	107	5894m	0.075	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	7664m	0.095	ppbv	
79) Naphthalene	21.375	128	6235m	0.044	ppbv	

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

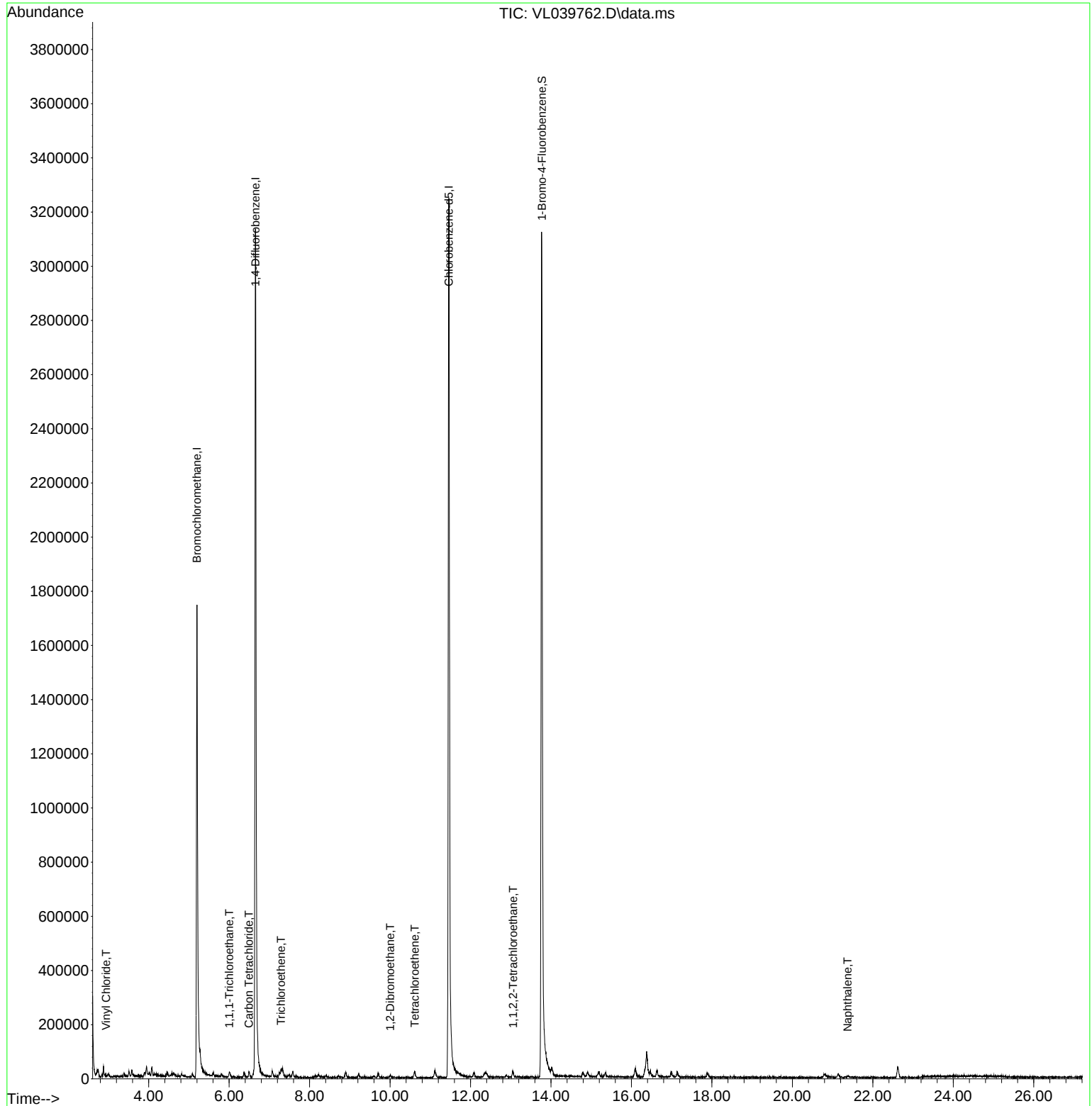
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039762.D
Acq On : 24 Oct 2022 16:29
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

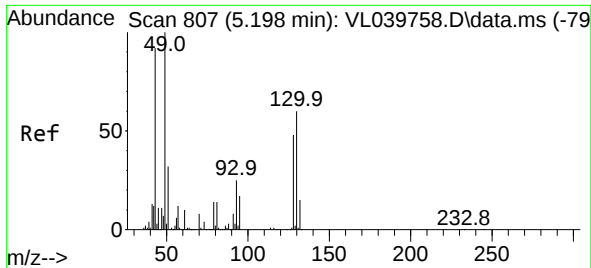
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations
APPROVED

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

Quant Time: Oct 24 17:00:43 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 : Sat Oct 22 02:12:34 2022
Response via : Initial Calibration





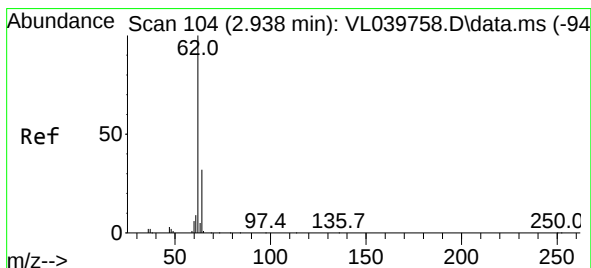
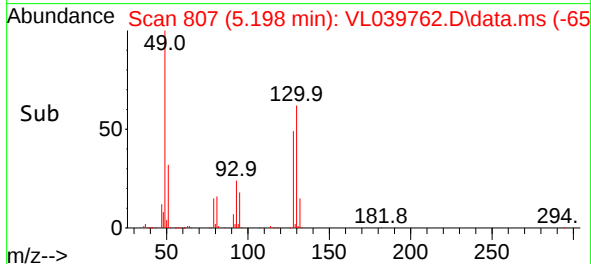
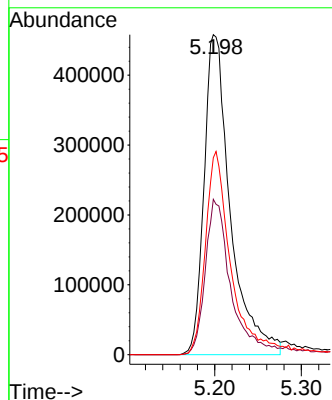
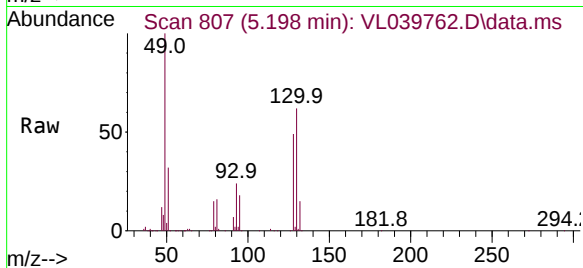
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 49 Resp: 96825
Ion Ratio Lower Upper
49 100
128 49.6 22.6 67.8
130 64.3 29.0 87.0

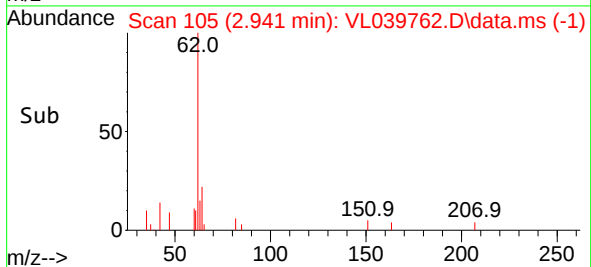
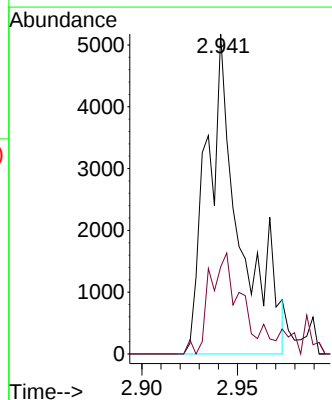
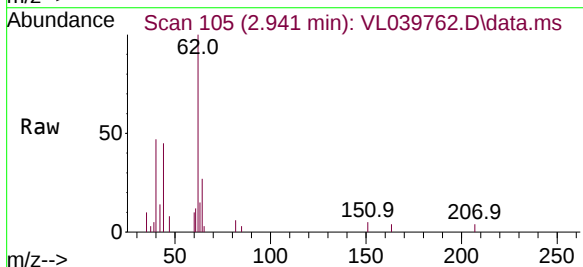
Manual Integrations
APPROVED

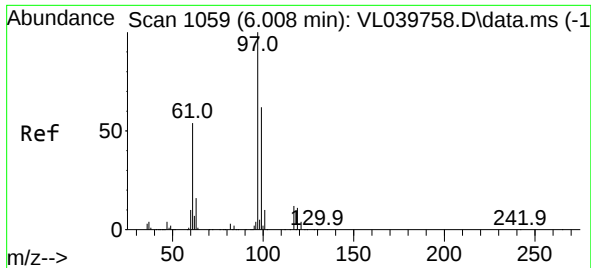
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#5
Vinyl Chloride
Concen: 0.102 ppbv m
RT: 2.941 min Scan# 105
Delta R.T. 0.003 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Tgt Ion: 62 Resp: 6199
Ion Ratio Lower Upper
62 100
64 27.2 27.1 40.7





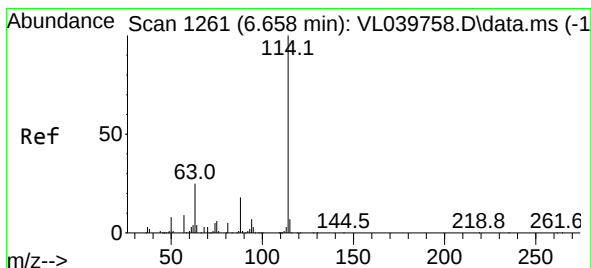
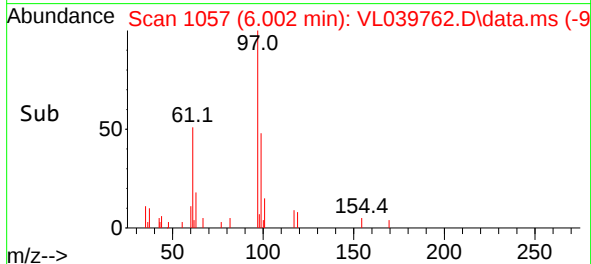
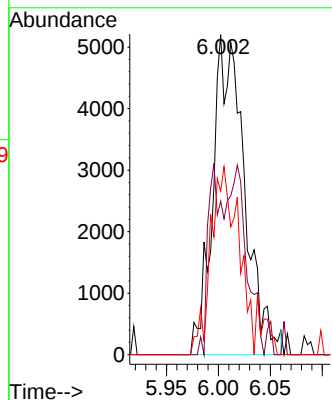
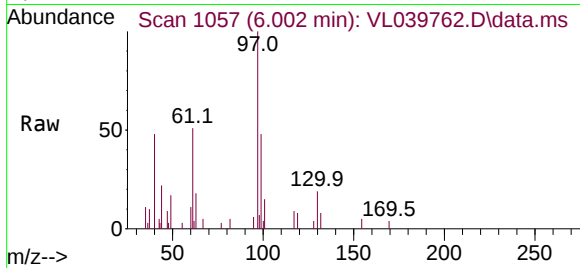
#32
1,1,1-Trichloroethane
Concen: 0.083 ppbv m
RT: 6.002 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 1102
Ion Ratio Lower Upper
97 100
99 0.0 53.0 79.4
61 0.0 43.3 64.9

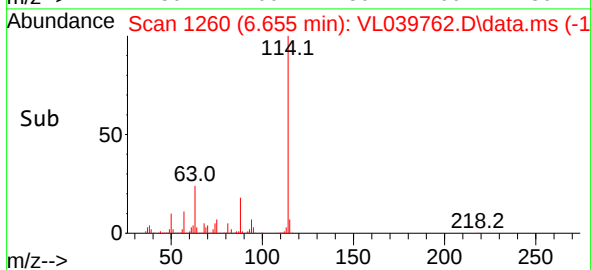
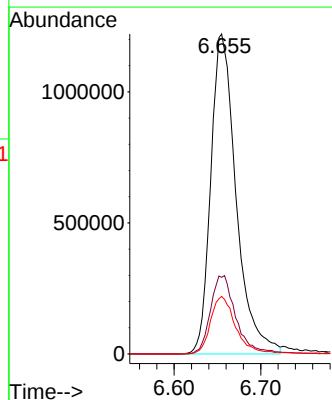
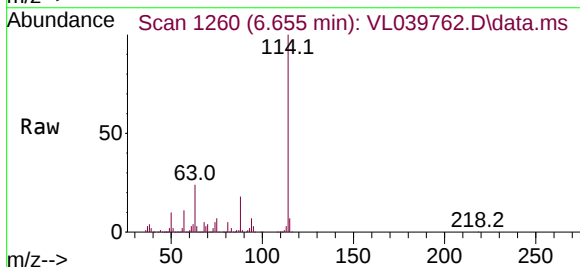
Manual Integrations
APPROVED

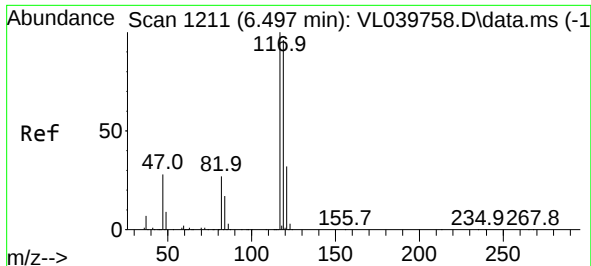
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

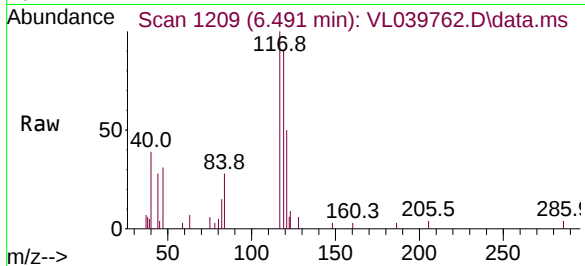
Tgt Ion:114 Resp: 2488259
Ion Ratio Lower Upper
114 100
63 25.1 19.8 29.6
88 18.0 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.093 ppbv m
RT: 6.491 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

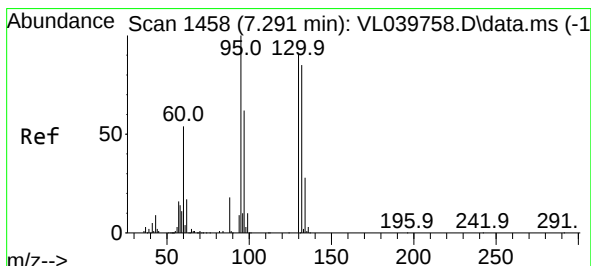
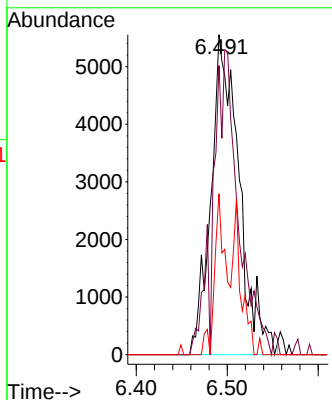
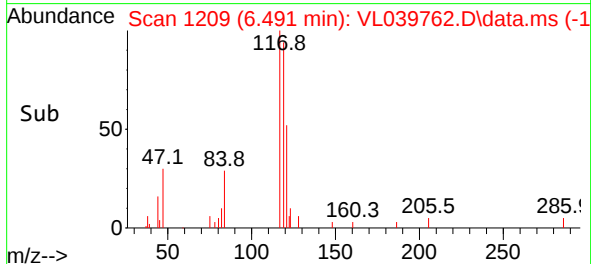
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 1194
Ion Ratio Lower Upper
117 100
119 90.4 79.2 118.8
121 50.3 25.0 37.6

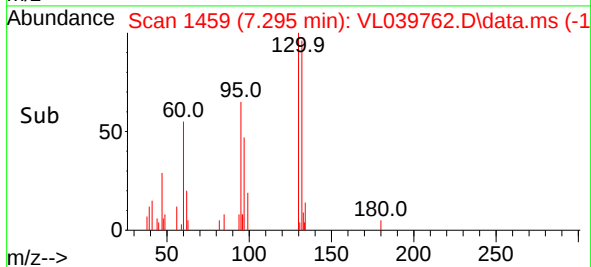
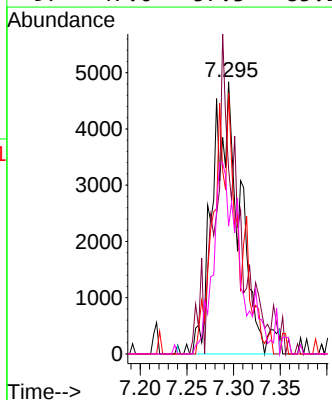
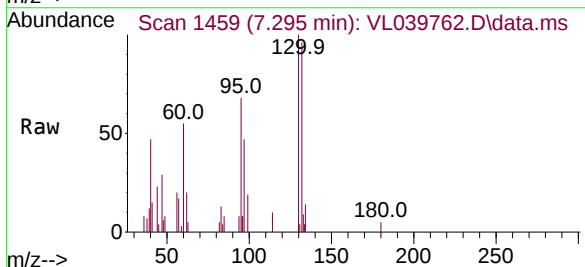
Manual Integrations
APPROVED

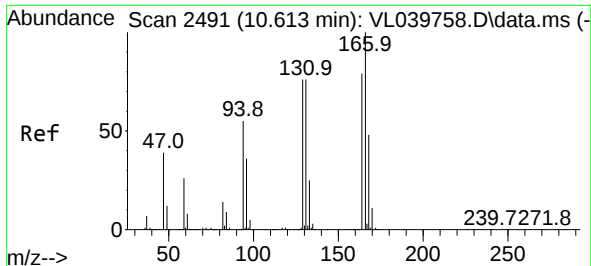
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 0.098 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Tgt Ion:130 Resp: 9836
Ion Ratio Lower Upper
130 100
95 68.0 85.4 128.2#
132 95.8 73.0 109.6
97 47.0 57.3 85.9#





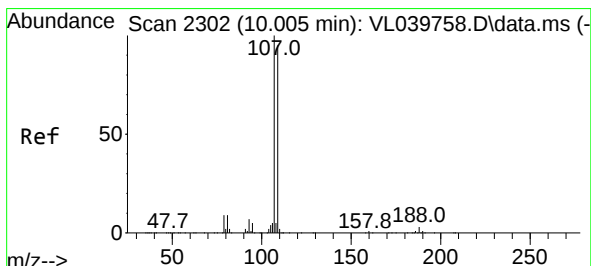
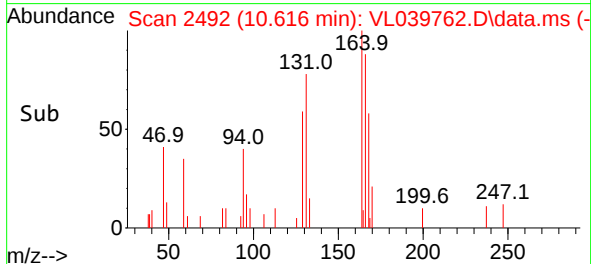
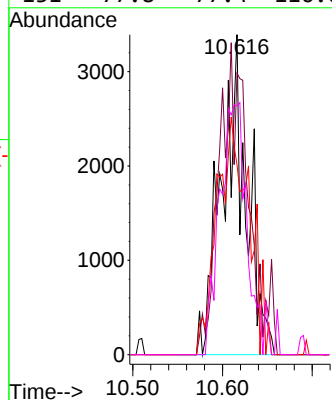
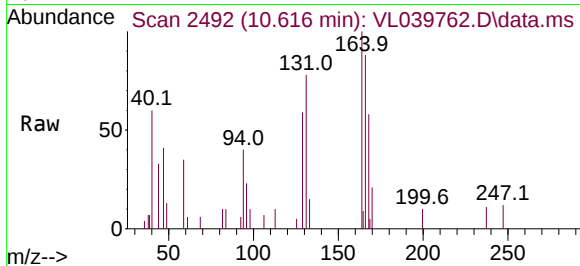
#52
Tetrachloroethene
Concen: 0.095 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.010 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:164 Resp: 6468
Ion Ratio Lower Upper
164 100
166 88.0 100.0 150.0
129 59.4 82.1 123.1
131 77.8 77.4 116.0

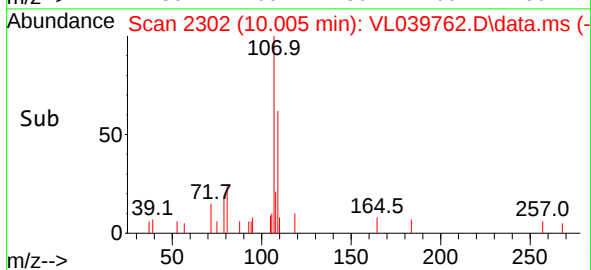
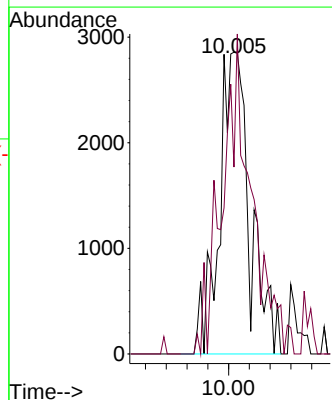
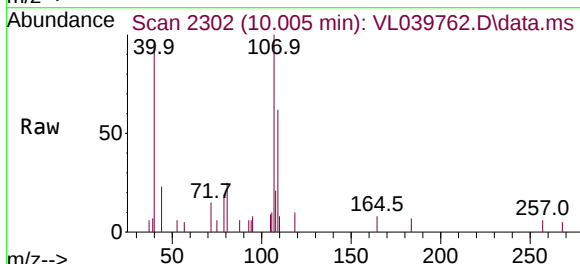
Manual Integrations
APPROVED

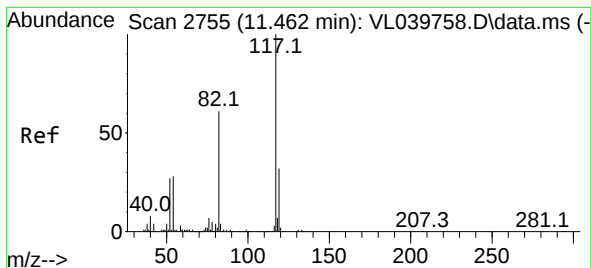
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 0.075 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Tgt Ion:107 Resp: 5894
Ion Ratio Lower Upper
107 100
109 61.9 75.2 112.8#





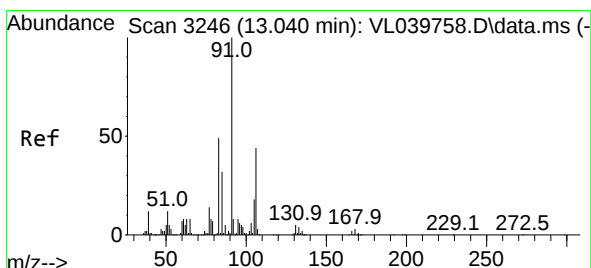
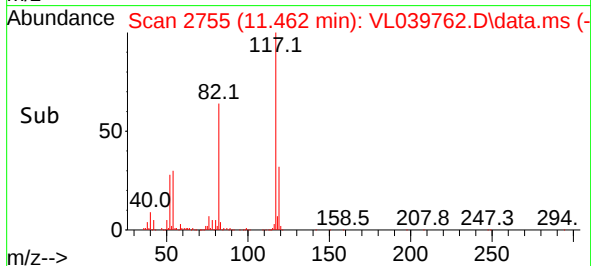
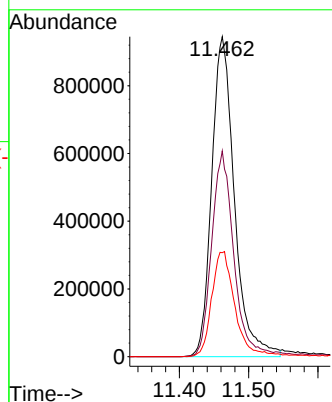
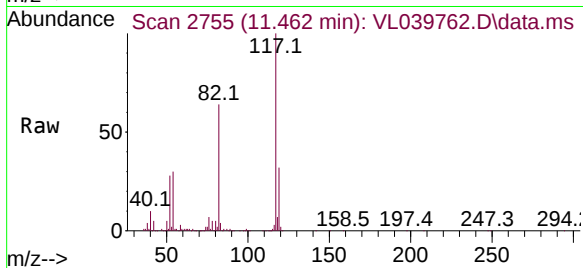
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2151018
Delta R.T. 0.003 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2151018
Ion Ratio Lower Upper
117 100
82 63.8 51.4 77.0
119 33.8 24.6 36.8

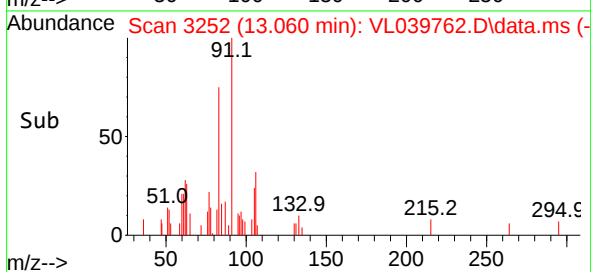
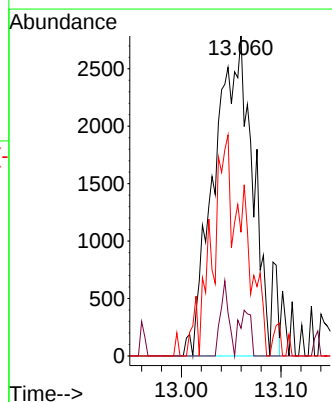
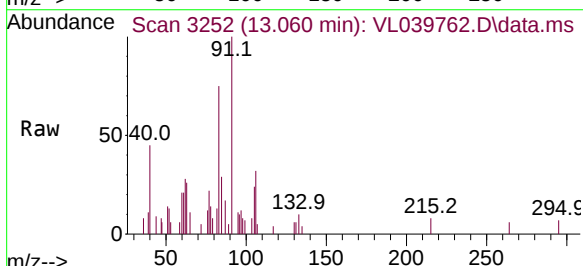
Manual Integrations
APPROVED

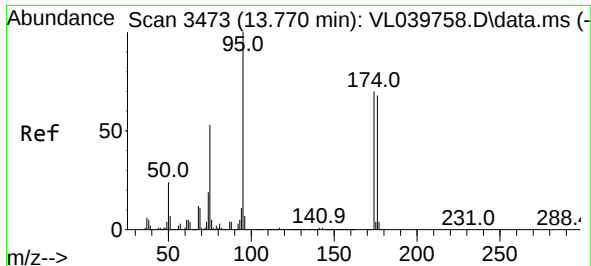
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.095 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.023 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

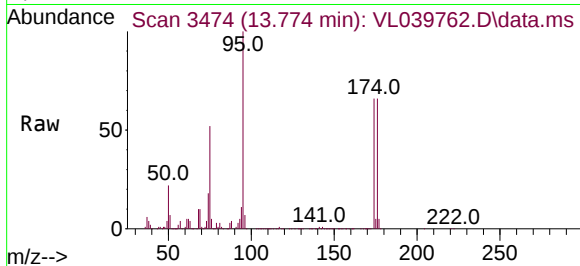
Tgt Ion: 83 Resp: 7664
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 57.9 32.8 98.4





#68
1-Bromo-4-Fluorobenzene
Concen: 10.113 ppbv m
RT: 13.774 min Scan# 3473
Delta R.T. 0.007 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

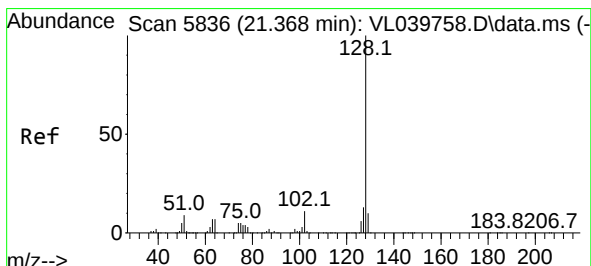
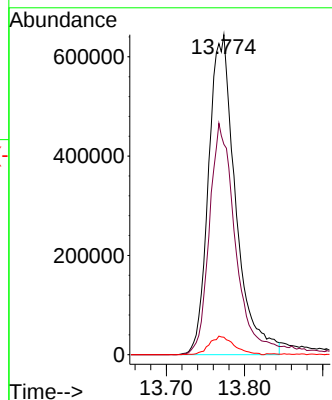
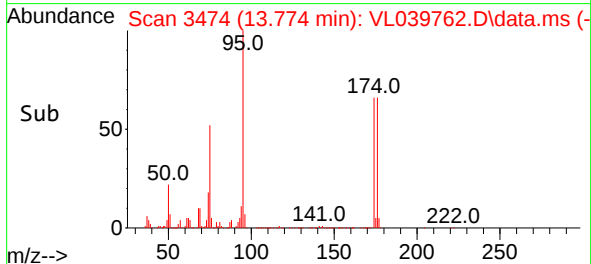
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 95 Resp: 154416
Ion Ratio Lower Upper
95 100
174 0.0 56.5 84.7
175 0.0 4.2 6.4

Manual Integrations
APPROVED

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



#79
Naphthalene
Concen: 0.044 ppbv m
RT: 21.375 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039762.D
Acq: 24 Oct 2022 16:29

Tgt Ion:128 Resp: 6235
Ion Ratio Lower Upper
128 100
127 15.1 10.8 16.2
129 0.0 9.4 14.0

