

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039766.D
 Acq On : 24 Oct 2022 19:03
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 19:47:54 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	903651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2435403	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2067180	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1497044	10.202	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.948	62	1921m	0.034	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	3561m	0.029	ppbv	
35) Carbon Tetrachloride	6.494	117	4597m	0.036	ppbv	
38) Trichloroethene	7.275	130	3215m	0.033	ppbv	
52) Tetrachloroethene	10.597	164	2423m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	3238m	0.042	ppbv	

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

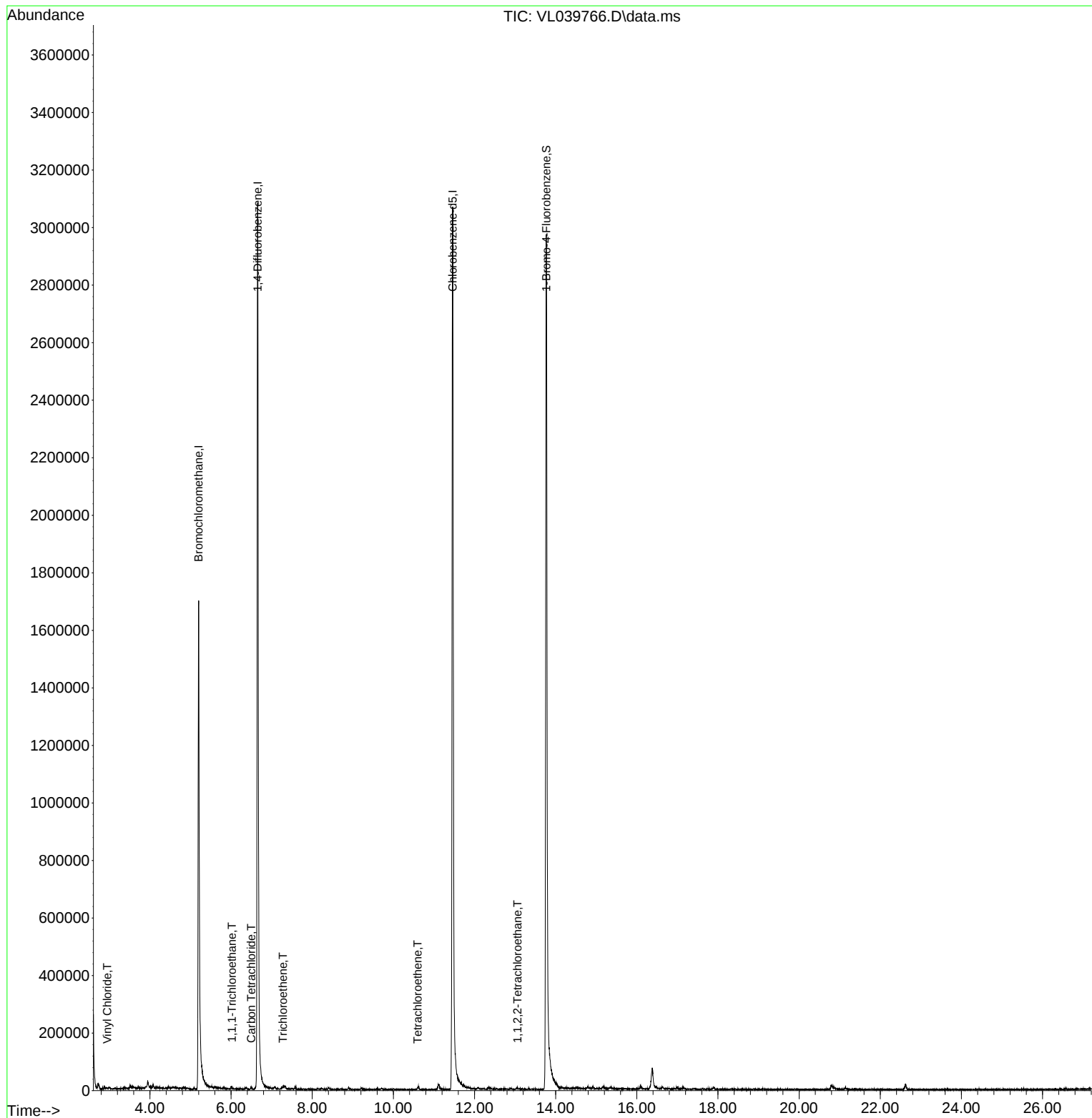
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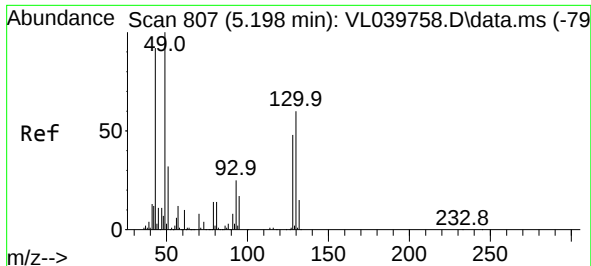
Instrument :
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ClientSampleId :
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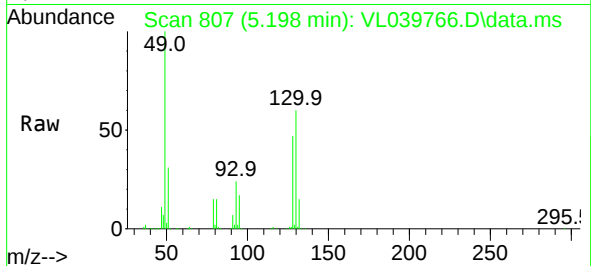
Reviewed By : Semsettin Yesilyurt 10/26/2022
Supervised By : Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

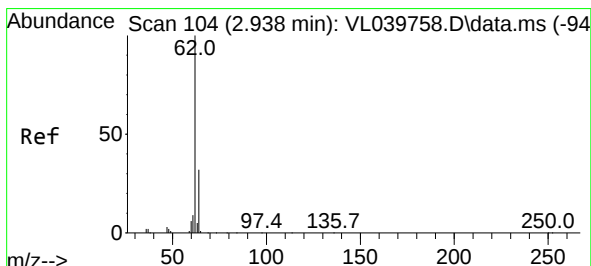
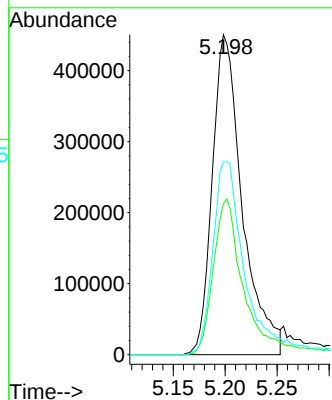
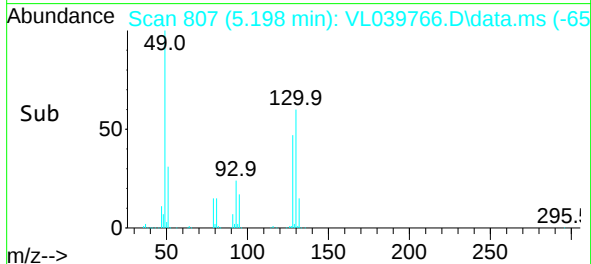
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 90365
Ion Ratio Lower Upper
49 100
128 52.3 22.6 67.8
130 68.6 29.0 87.0

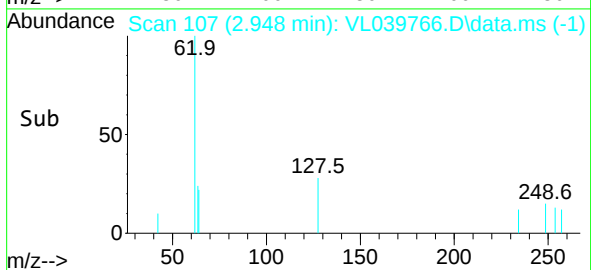
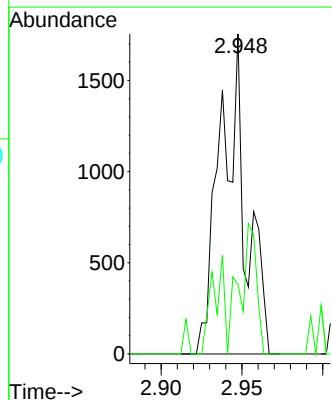
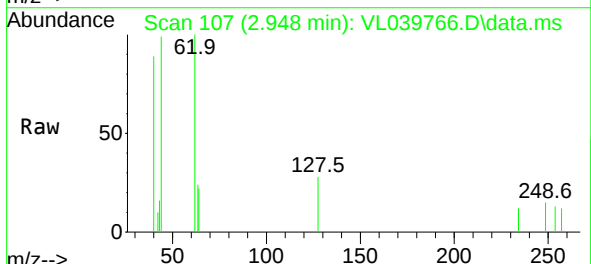
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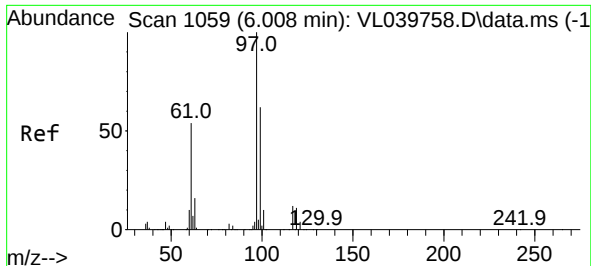
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.948 min Scan# 107
Delta R.T. 0.010 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

Tgt Ion: 62 Resp: 1921
Ion Ratio Lower Upper
62 100
64 21.7 27.1 40.7#





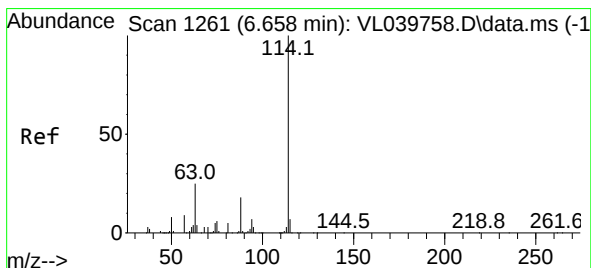
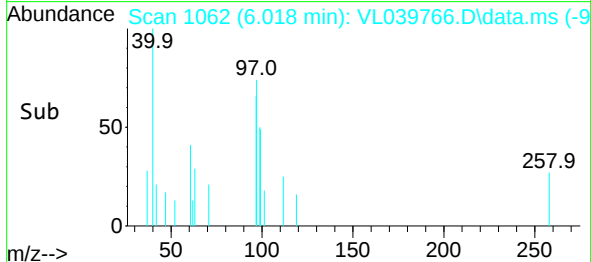
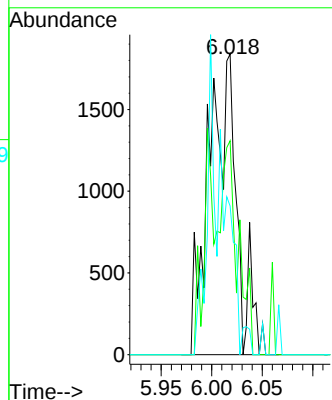
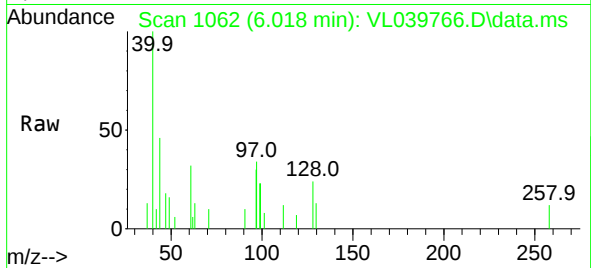
#32
1,1,1-Trichloroethane
Concen: 0.029 ppbv m
RT: 6.018 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 356
Ion Ratio Lower Upper
97 100
99 0.0 53.0 79.4
61 0.0 43.3 64.9

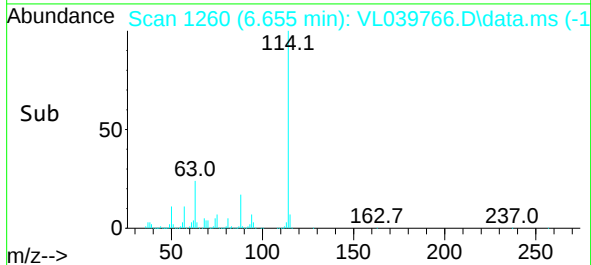
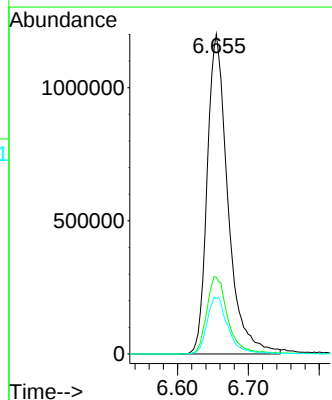
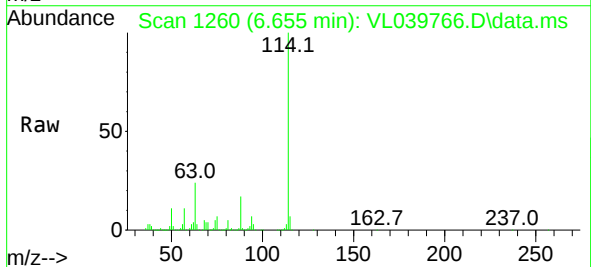
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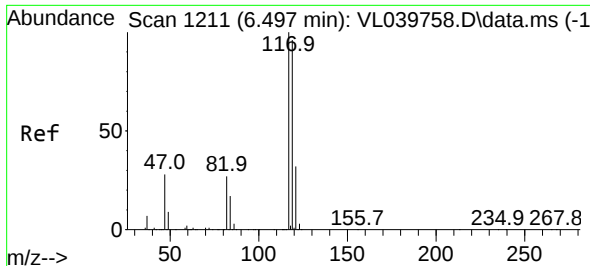
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

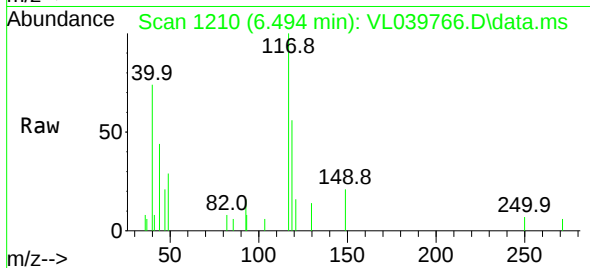
Tgt Ion:114 Resp: 2435403
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 18.0 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.036 ppbv m
RT: 6.494 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

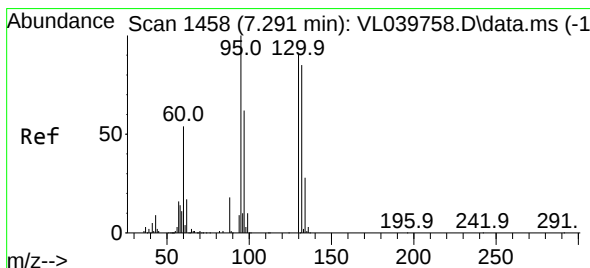
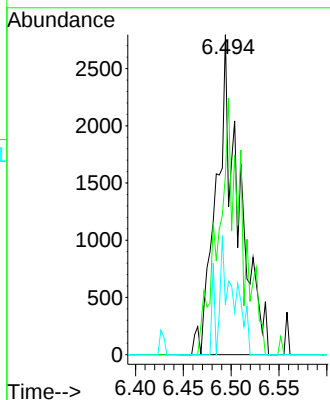
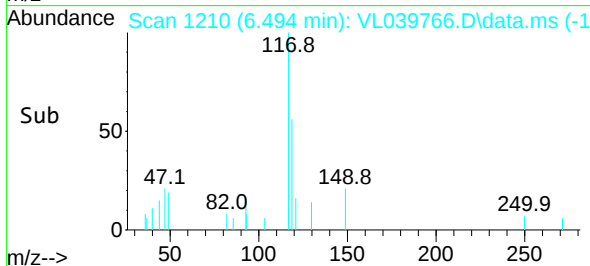
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 459
Ion Ratio Lower Upper
117 100
119 56.2 79.2 118.8
121 15.7 25.0 37.6

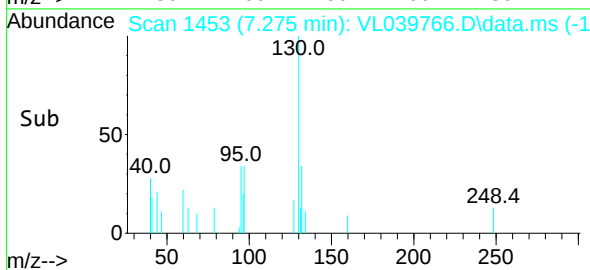
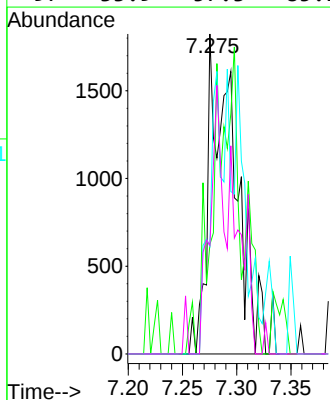
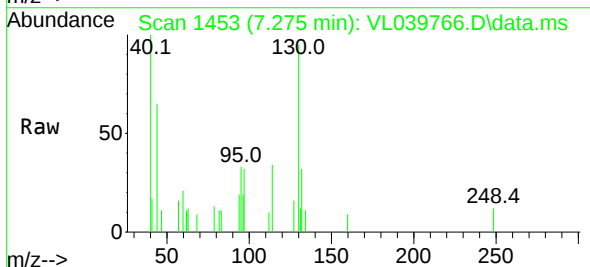
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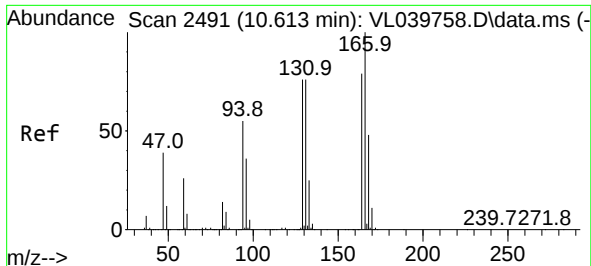
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. -0.016 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

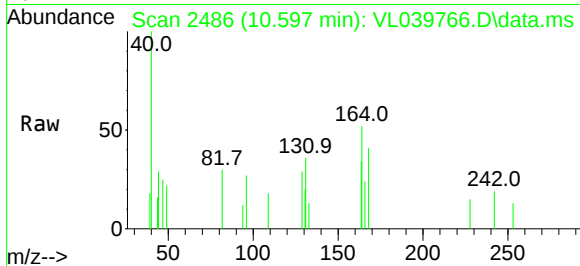
Tgt Ion:130 Resp: 3215
Ion Ratio Lower Upper
130 100
95 34.2 85.4 128.2#
132 33.7 73.0 109.6#
97 33.9 57.3 85.9#





#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 10.597 min Scan# 2491
Delta R.T. -0.010 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

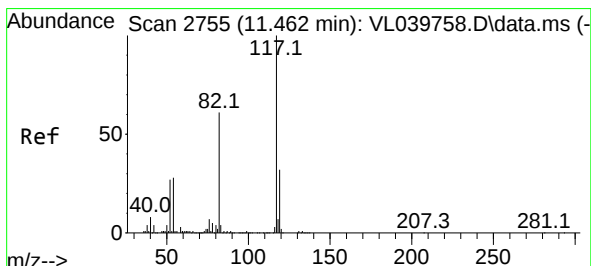
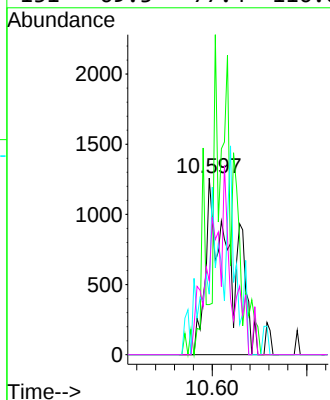
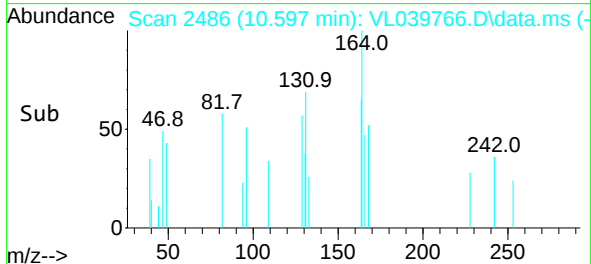
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:164 Resp: 242
Ion Ratio Lower Upper
164 100
166 46.9 100.0 150.0
129 56.6 82.1 123.1
131 69.3 77.4 116.0

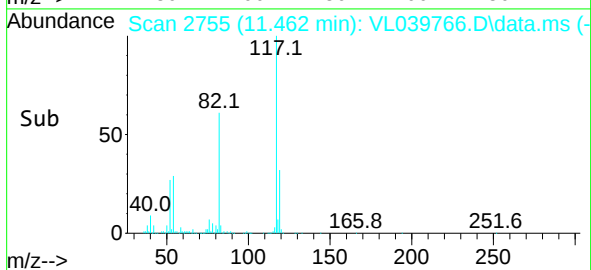
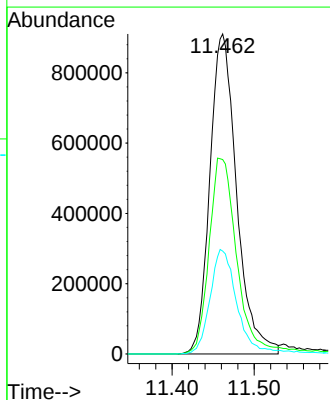
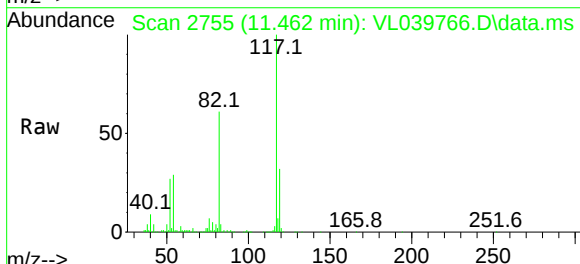
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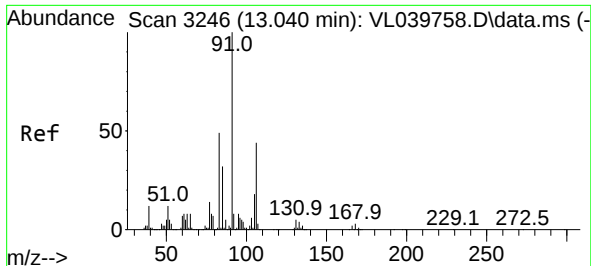
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

Tgt Ion:117 Resp: 2067180
Ion Ratio Lower Upper
117 100
82 65.6 51.4 77.0
119 33.4 24.6 36.8





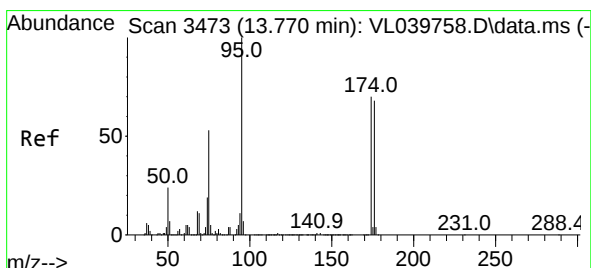
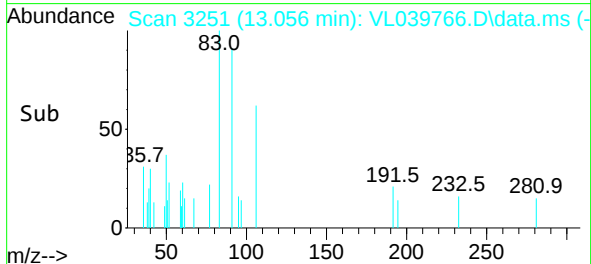
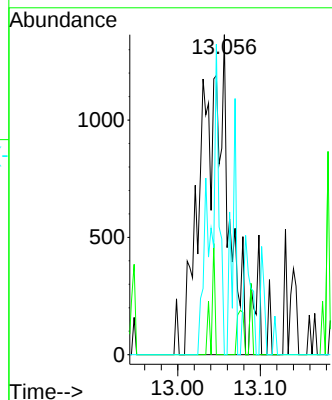
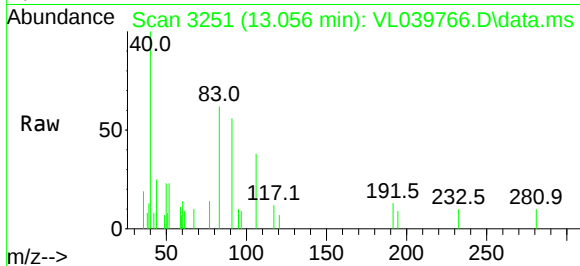
#63
1,1,2,2-Tetrachloroethane
Concen: 0.042 ppbv m
RT: 13.056 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 3238
Ion Ratio Lower Upper
83 100
131 4.2 4.9 14.7
85 41.4 32.8 98.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.202 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039766.D
Acq: 24 Oct 2022 19:03

Tgt Ion: 95 Resp: 1497044
Ion Ratio Lower Upper
95 100
174 72.4 56.5 84.7
175 5.4 4.2 6.4

