

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039917.D
 Acq On : 21 Nov 2022 20:52
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:50:59 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 : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1084979	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.626	114	3056065	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2752317	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2113886	10.055	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.899	62	6320m	0.085	ppbv	
9) Propene	2.674	41	10478	0.149	ppbv	100
15) Acetone	3.462	43	36834m	0.256	ppbv	
20) Methylene Chloride	3.909	84	24051	0.345	ppbv	91
32) 1,1,1-Trichloroethane	5.976	97	14776m	0.077	ppbv	
35) Carbon Tetrachloride	6.468	117	12752m	0.073	ppbv	
38) Trichloroethene	7.266	130	11339m	0.078	ppbv	
52) Tetrachloroethene	10.597	164	8040m	0.083	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	8006m	0.080	ppbv	

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

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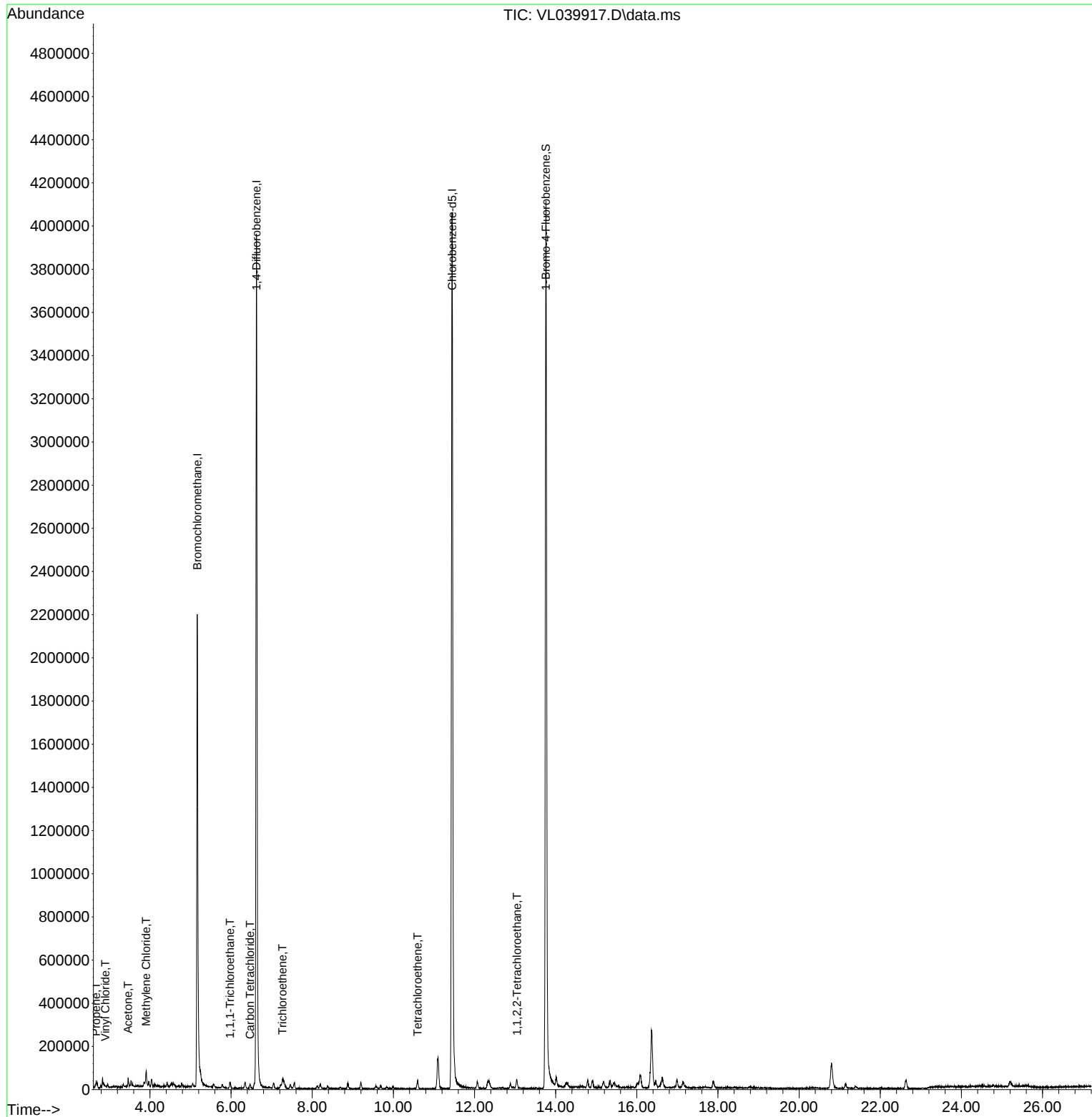
Quant Time: Nov 22 03:50:59 2022

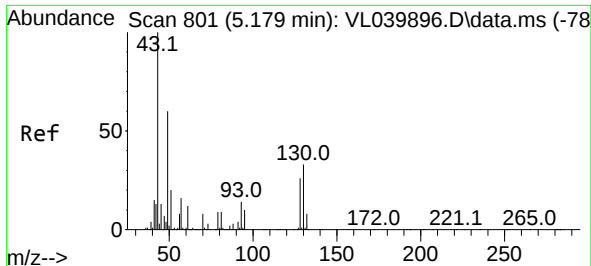
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M

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

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Response via : Initial Calibration





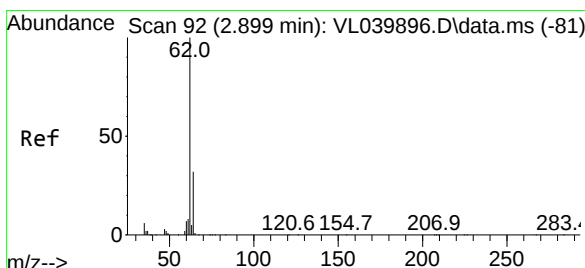
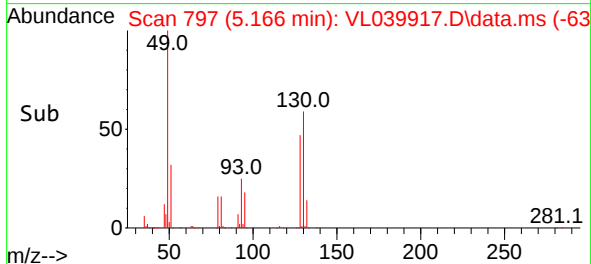
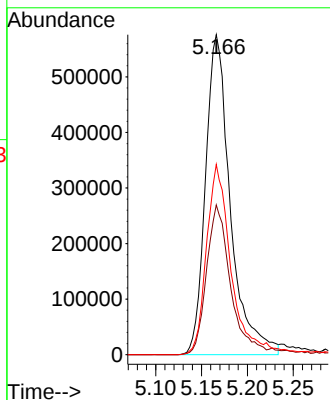
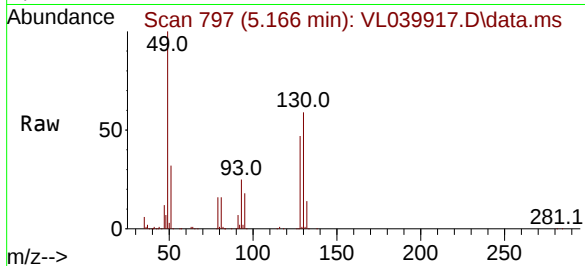
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. 0.010 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1084979
Ion Ratio Lower Upper
49 100
128 46.7 22.1 66.3
130 60.9 27.7 83.1

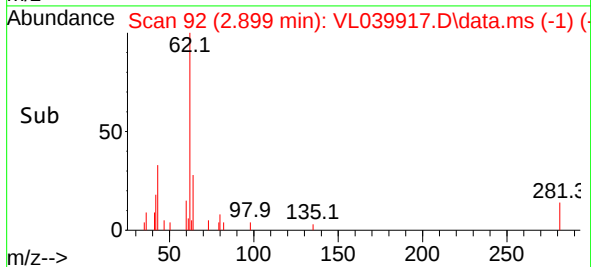
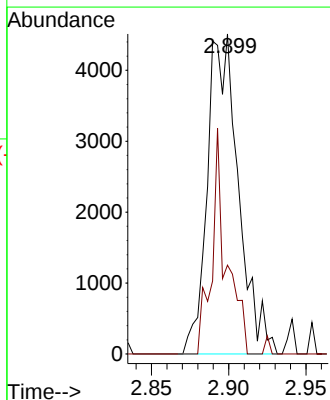
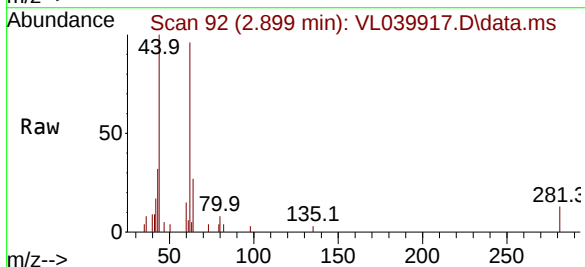
Manual Integrations
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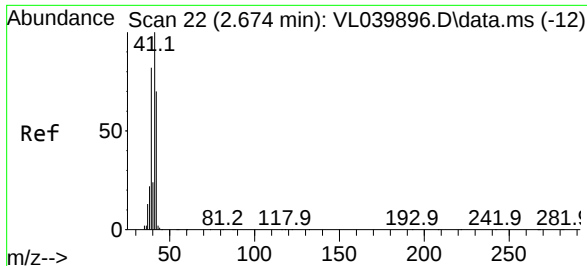
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#5
Vinyl Chloride
Concen: 0.085 ppbv m
RT: 2.899 min Scan# 92
Delta R.T. 0.013 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52

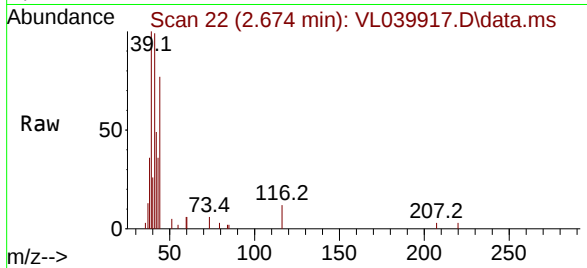
Tgt Ion: 62 Resp: 6320
Ion Ratio Lower Upper
62 100
64 27.8 25.7 38.5





#9
 Propene
 Concen: 0.149 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VL039917.D
 Acq: 21 Nov 2022 20:52

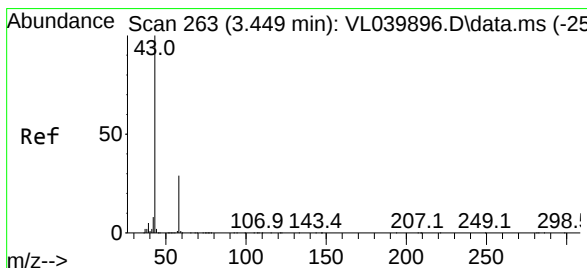
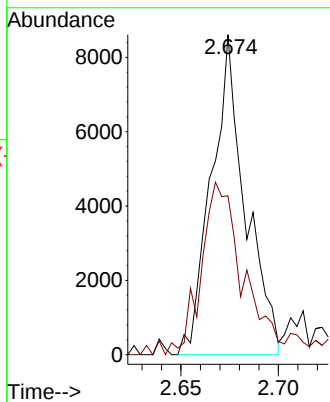
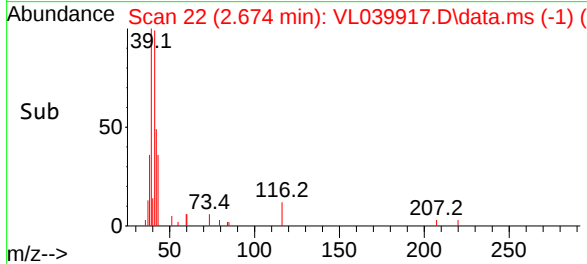
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



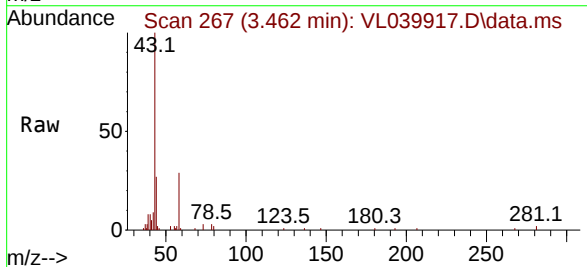
Tgt Ion: 41 Resp: 10478
 Ion Ratio Lower Upper
 41 100
 42 70.1 55.8 83.6

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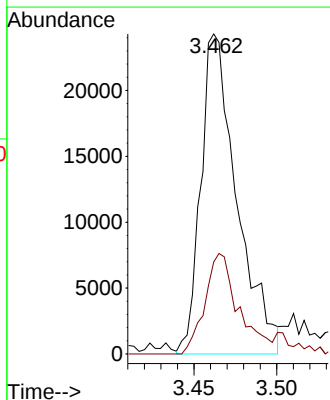
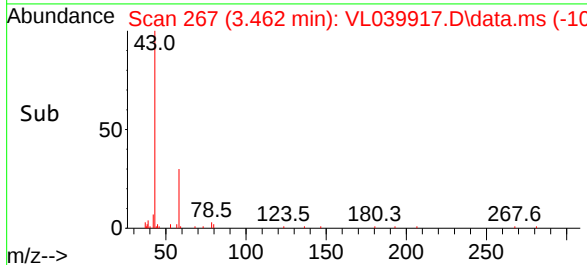
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

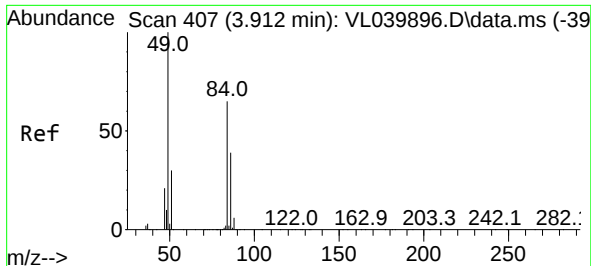


#15
 Acetone
 Concen: 0.256 ppbv m
 RT: 3.462 min Scan# 267
 Delta R.T. 0.029 min
 Lab File: VL039917.D
 Acq: 21 Nov 2022 20:52



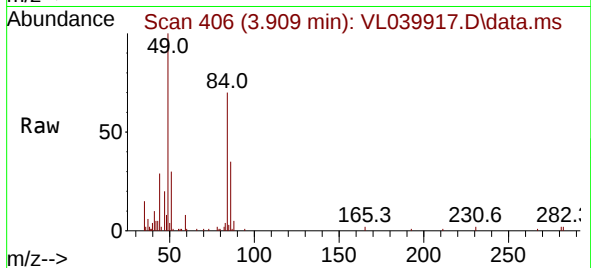
Tgt Ion: 43 Resp: 36834
 Ion Ratio Lower Upper
 43 100
 58 33.2 22.9 34.3





#20
Methylene Chloride
Concen: 0.345 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52

Instrument :
MSVOA_L
Client SampleId :
VIBLK

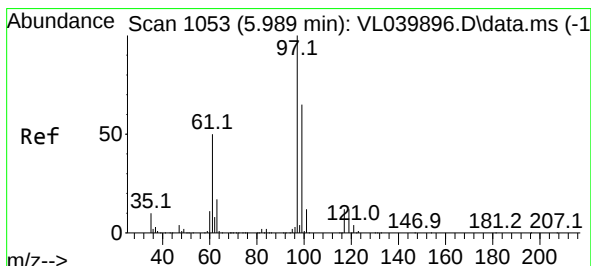
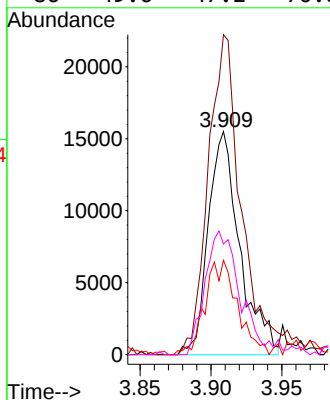
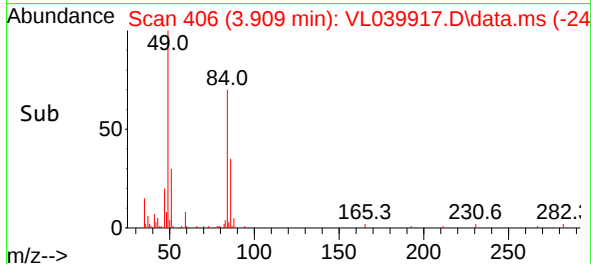


Tgt Ion: 84 Resp: 2405

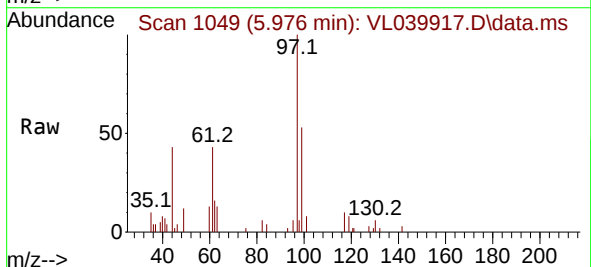
Ion	Ratio	Lower	Upper
84	100		
49	143.3	122.2	183.4
51	40.5	36.3	54.5
86	49.6	47.2	70.8

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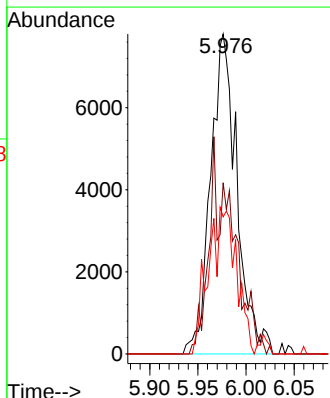
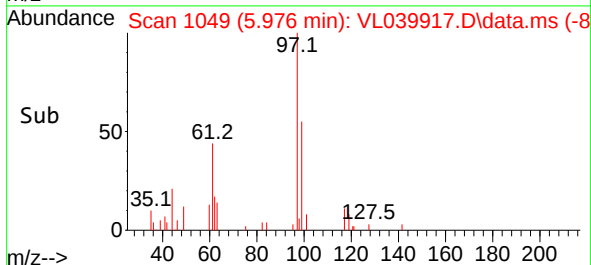


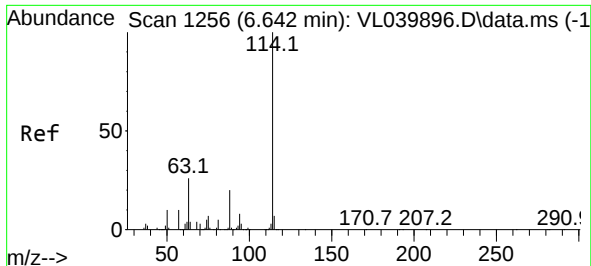
#32
1,1,1-Trichloroethane
Concen: 0.077 ppbv m
RT: 5.976 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52



Tgt Ion: 97 Resp: 14776

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	0.0	40.7	61.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL039917.D

Acq: 21 Nov 2022 20:52

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 305606

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

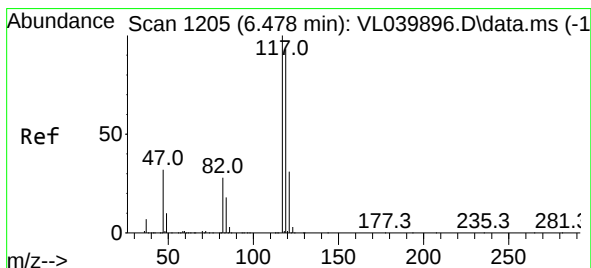
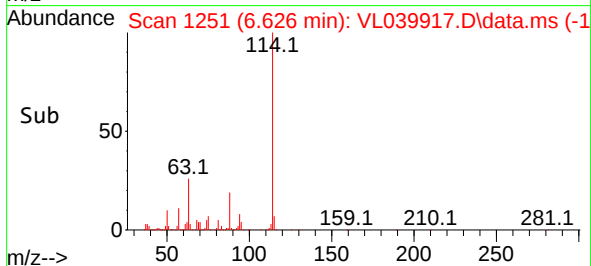
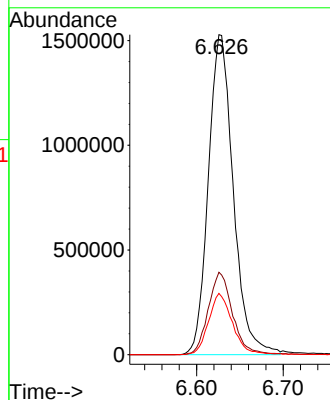
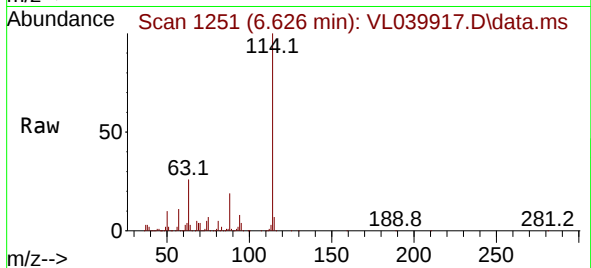
88 18.6 15.3 22.9

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#35

Carbon Tetrachloride

Concen: 0.073 ppbv m

RT: 6.468 min Scan# 1202

Delta R.T. 0.006 min

Lab File: VL039917.D

Acq: 21 Nov 2022 20:52

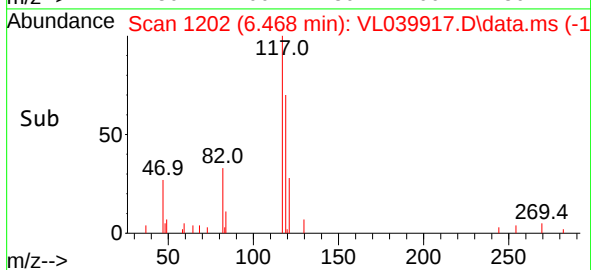
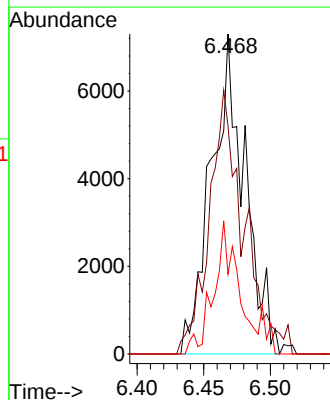
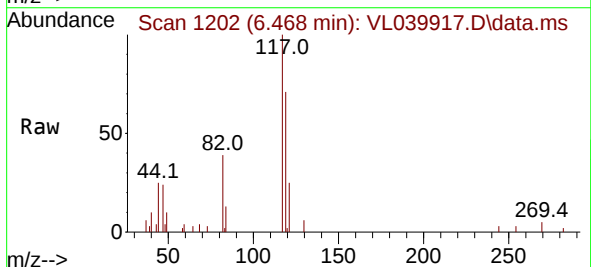
Tgt Ion:117 Resp: 12752

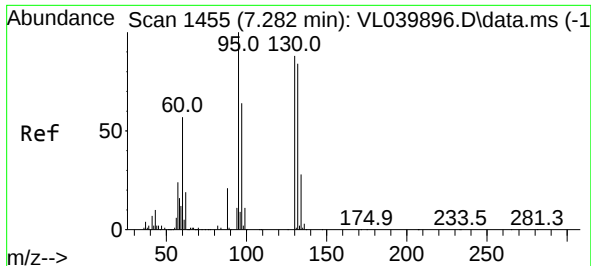
Ion Ratio Lower Upper

117 100

119 71.1 74.7 112.1#

121 24.9 24.5 36.7





#38

Trichloroethene

Concen: 0.078 ppbv m

RT: 7.266 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VL039917.D

Acq: 21 Nov 2022 20:52

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

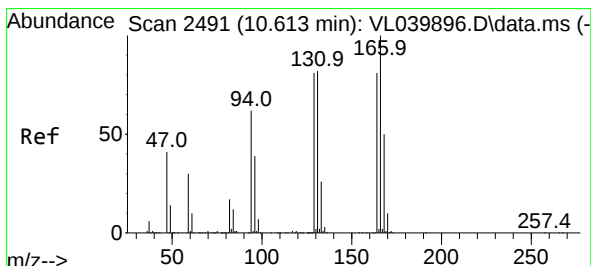
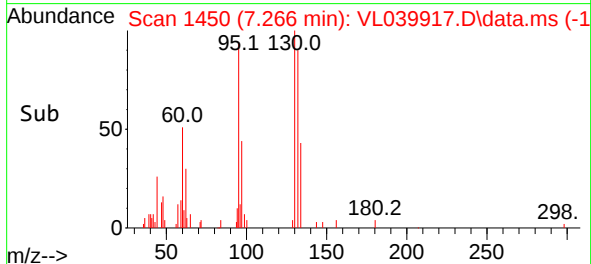
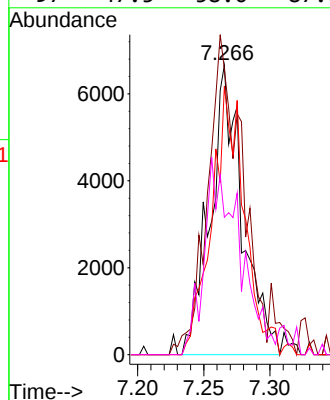
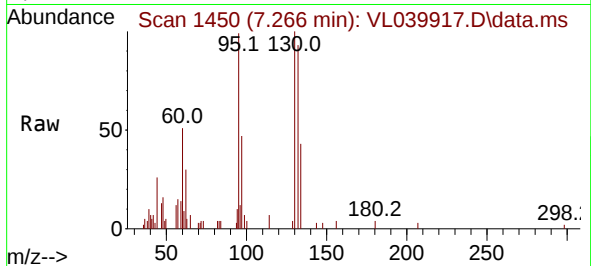
Tgt Ion:	130	Resp:	1133
Ion Ratio	Lower	Upper	
130	100		
95	98.6	90.6	135.8
132	92.8	76.2	114.4
97	47.5	58.0	87.0

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#52

Tetrachloroethene

Concen: 0.083 ppbv m

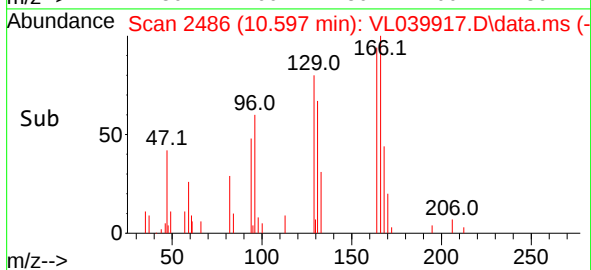
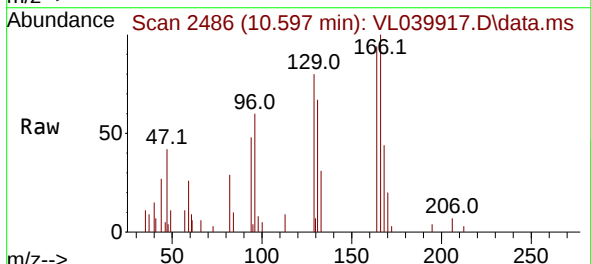
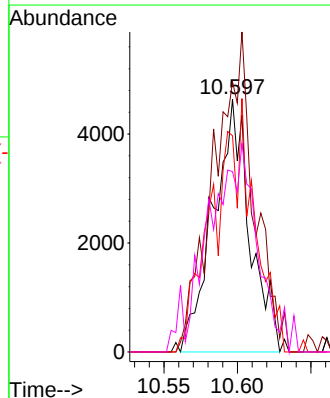
RT: 10.597 min Scan# 2486

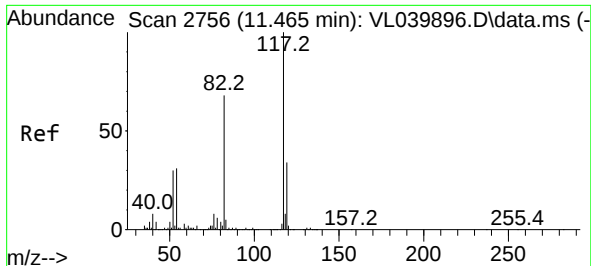
Delta R.T. 0.010 min

Lab File: VL039917.D

Acq: 21 Nov 2022 20:52

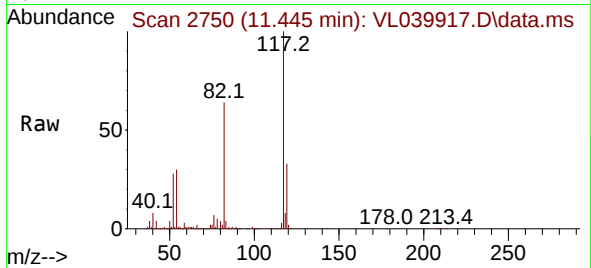
Tgt Ion:	164	Resp:	8040
Ion Ratio	Lower	Upper	
164	100		
166	106.9	98.3	147.5
129	85.5	79.7	119.5
131	71.3	80.2	120.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52

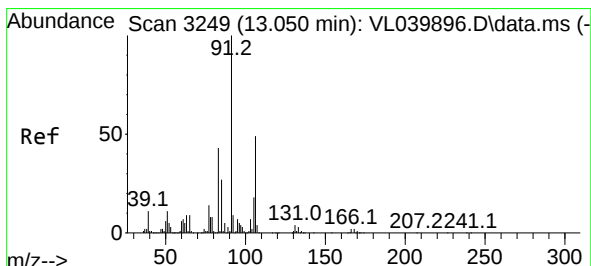
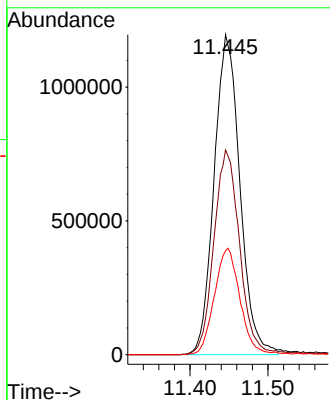
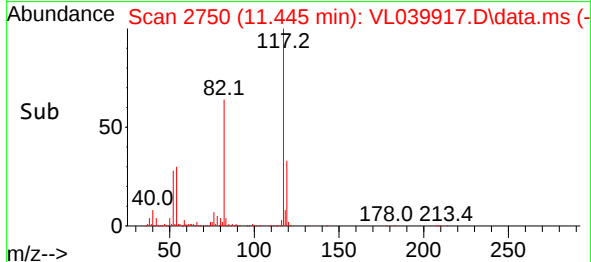
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion:117 Resp: 275231
Ion Ratio Lower Upper
117 100
82 64.9 52.3 78.5
119 33.1 25.7 38.5

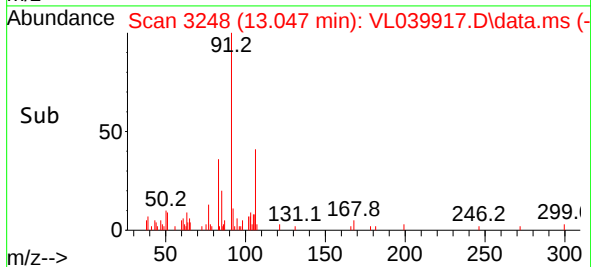
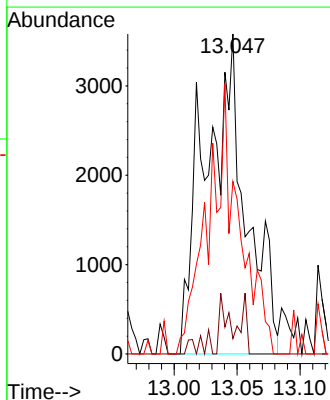
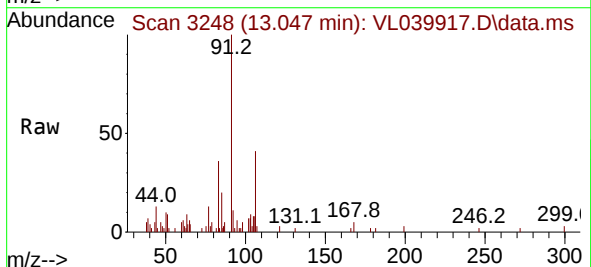
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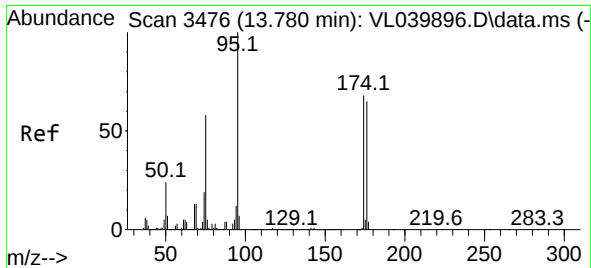
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.080 ppbv m
RT: 13.047 min Scan# 3248
Delta R.T. 0.019 min
Lab File: VL039917.D
Acq: 21 Nov 2022 20:52

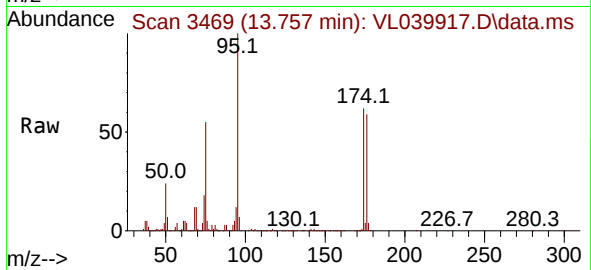
Tgt Ion: 83 Resp: 8006
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.0 99.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.055 ppbv
 RT: 13.757 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VL039917.D
 Acq: 21 Nov 2022 20:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 211388
 Ion Ratio Lower Upper
 95 100
 174 65.1 53.7 80.5
 175 4.6 4.0 6.0

Manual Integrations
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