

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040102.D
 Acq On : 16 Jan 2023 17:47
 Operator : SY/MD
 Sample : 01143-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 05:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1189712	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2973556	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2633199	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2145172	9.802	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	24904	0.119	ppbv #	85
3) Chlorodifluoromethane	2.668	51	38313	0.268	ppbv	100
11) Trichlorofluoromethane	3.562	101	72666	0.349	ppbv	90
13) Ethanol	3.253	45	14684m	2.691	ppbv	
18) 1,1-Dichloroethene	3.880	96	7113	0.105	ppbv	92
31) cis-1,2-Dichloroethene	5.079	61	69909	0.656	ppbv	91
38) Trichloroethene	7.301	130	381128	3.052	ppbv	98
52) Tetrachloroethene	10.632	164	204379m	2.839	ppbv	

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

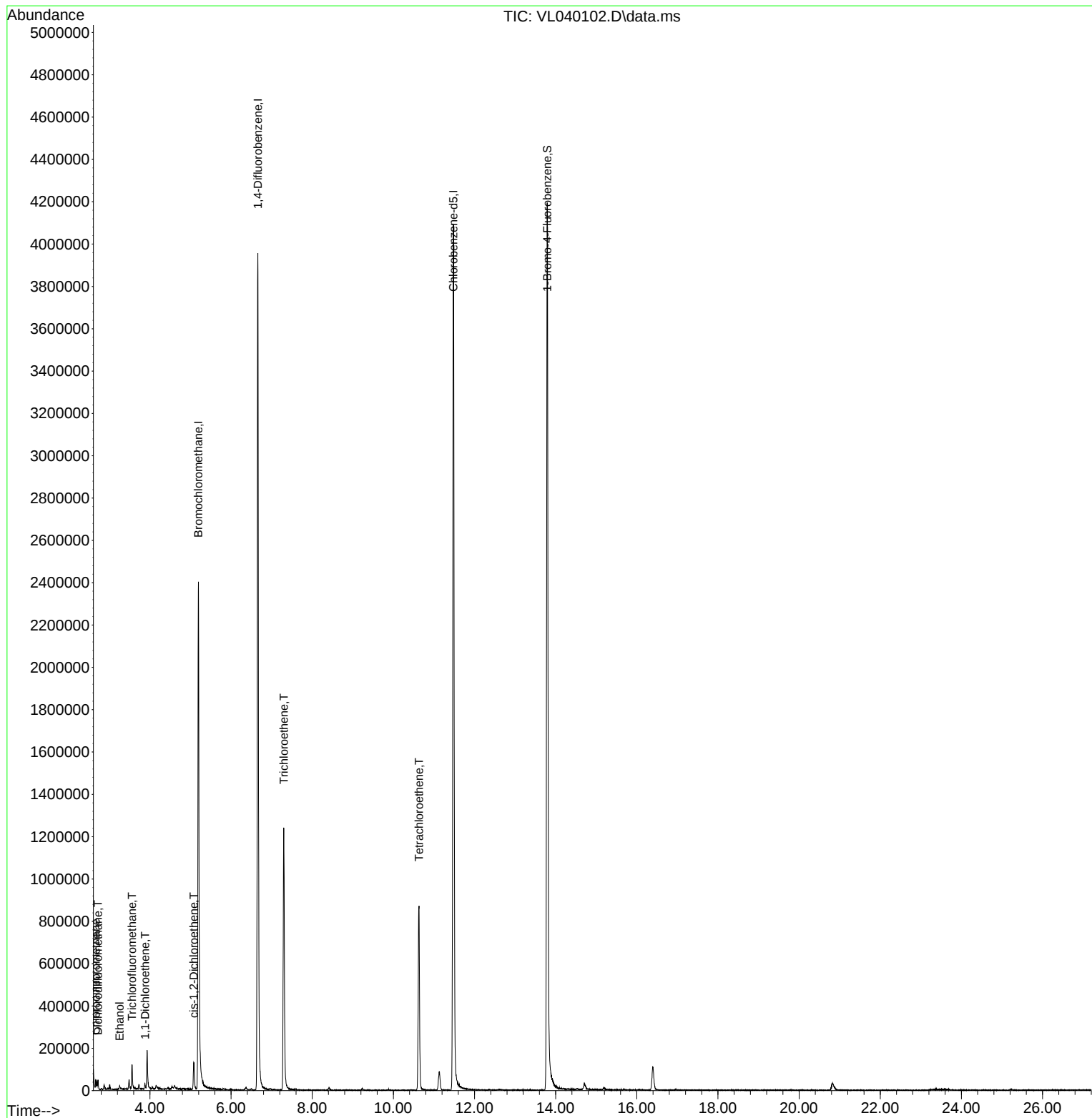
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
Data File : VL040102.D
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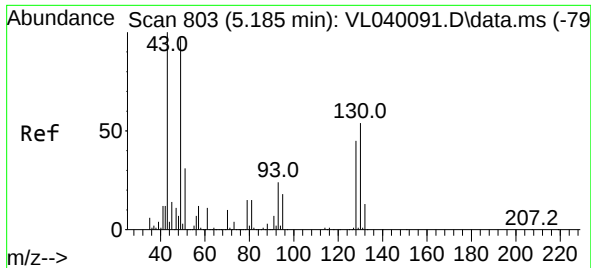
Instrument :
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ClientSampleId :
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Quant Time: Jan 17 05:30:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

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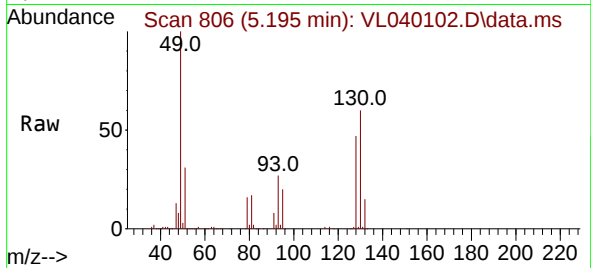
Reviewed By : Semsettin Yesilyurt 01/17/2023
Supervised By : Mahesh Dadoda 01/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

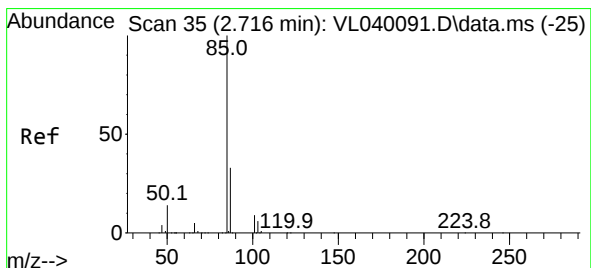
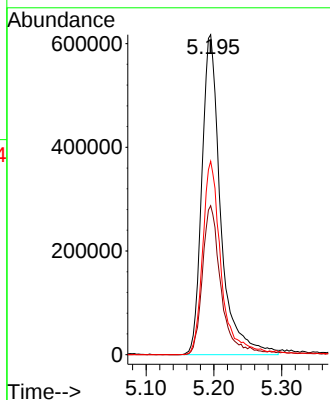
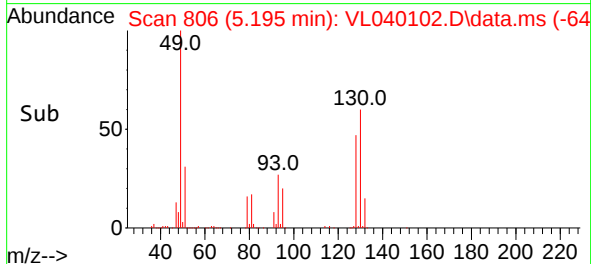
Instrument :
MSVOA_L
ClientSampleId :
BH1N3DL



Tgt Ion: 49 Resp: 118971
Ion Ratio Lower Upper
49 100
128 47.2 23.6 71.0
130 61.3 29.8 89.3

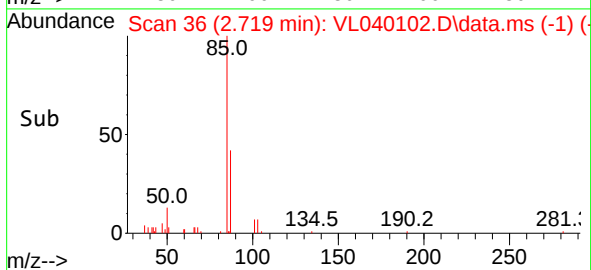
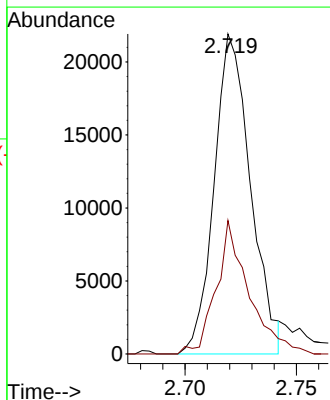
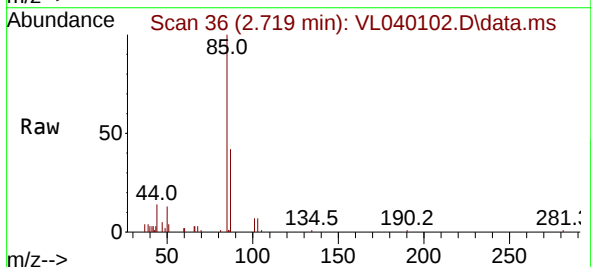
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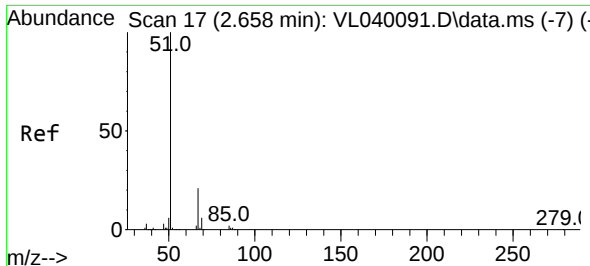
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

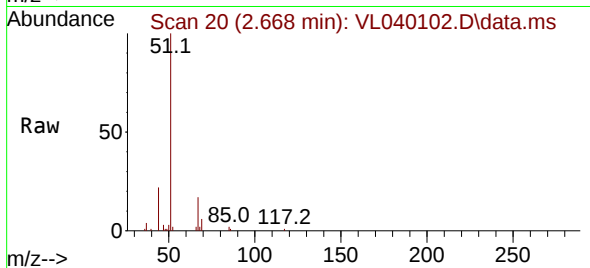
Tgt Ion: 85 Resp: 24904
Ion Ratio Lower Upper
85 100
87 41.7 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.268 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

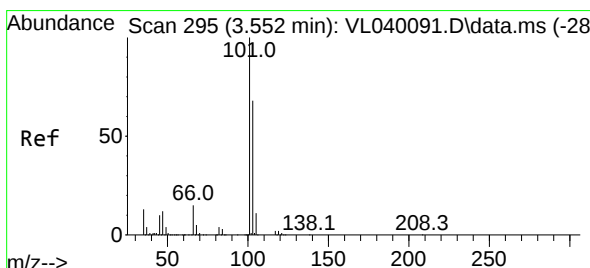
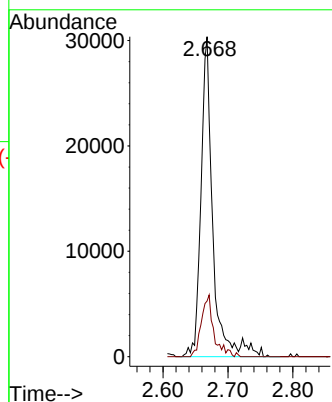
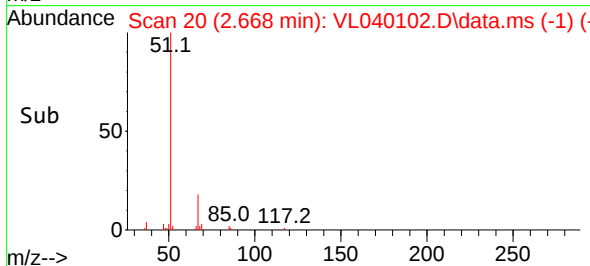
Instrument :
MSVOA_L
ClientSampleId :
BH1N3DL



Tgt Ion: 51 Resp: 3831
Ion Ratio Lower Upper
51 100
67 20.6 16.4 24.6

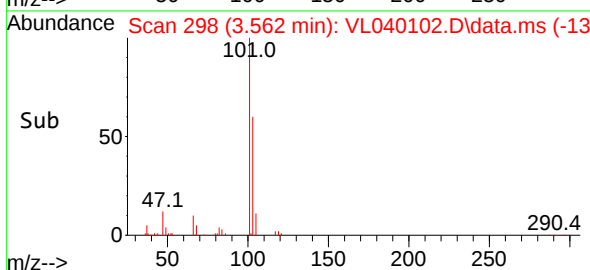
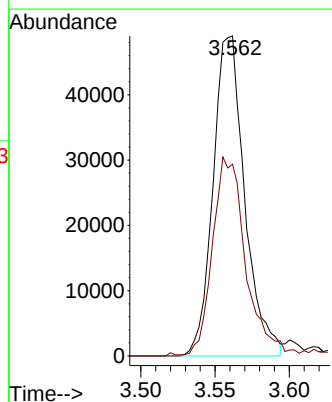
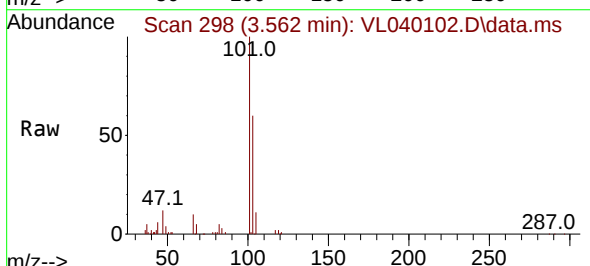
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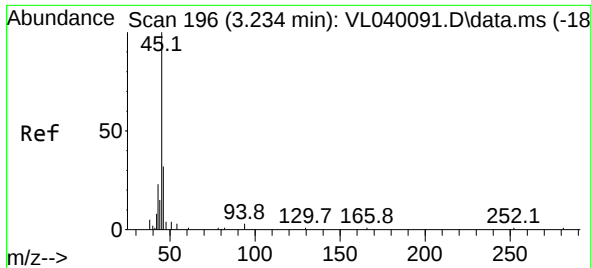
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#11
Trichlorofluoromethane
Concen: 0.349 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.010 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

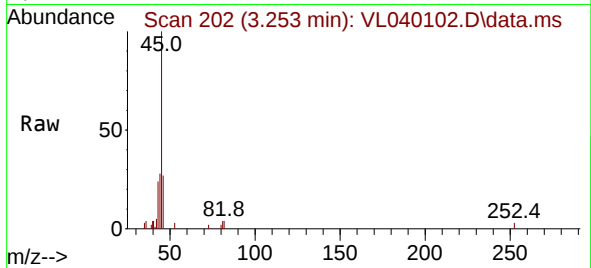
Tgt Ion:101 Resp: 72666
Ion Ratio Lower Upper
101 100
103 59.6 54.0 81.0





#13
Ethanol
Concen: 2.691 ppbv m
RT: 3.253 min Scan# 202
Delta R.T. 0.019 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

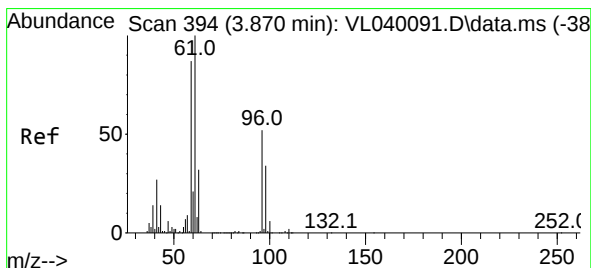
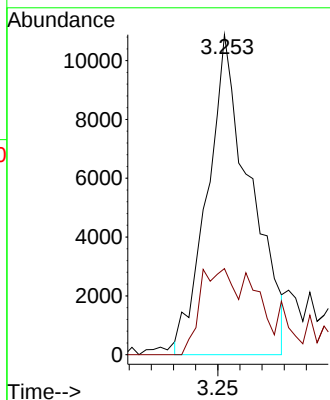
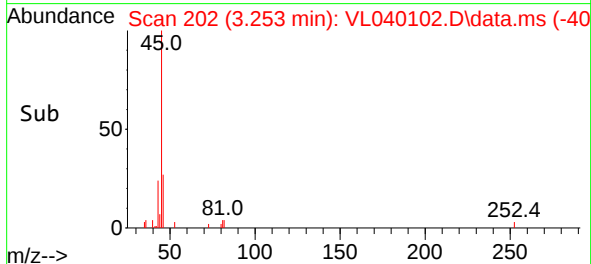
Instrument :
MSVOA_L
ClientSampleId :
BH1N3DL



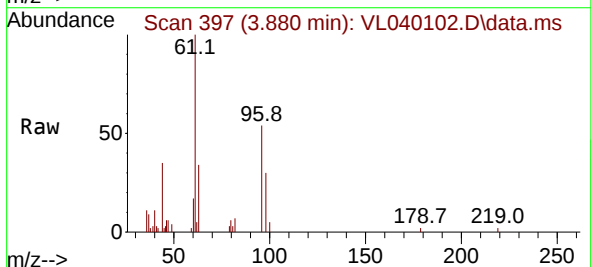
Tgt Ion: 45 Resp: 14684
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2

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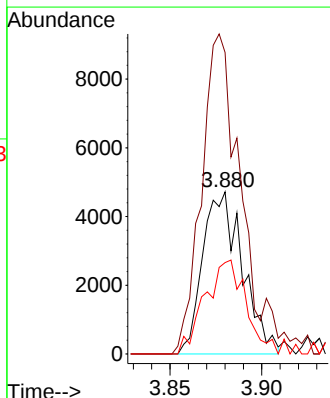
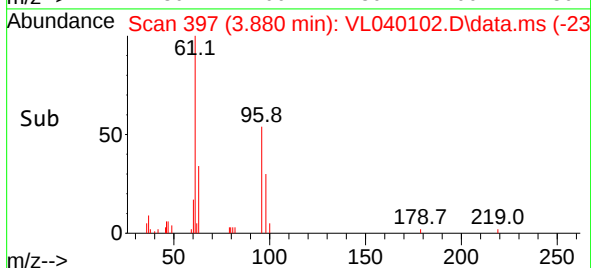
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

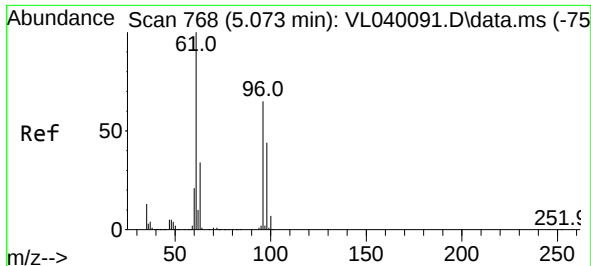


#18
1,1-Dichloroethene
Concen: 0.105 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.010 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47



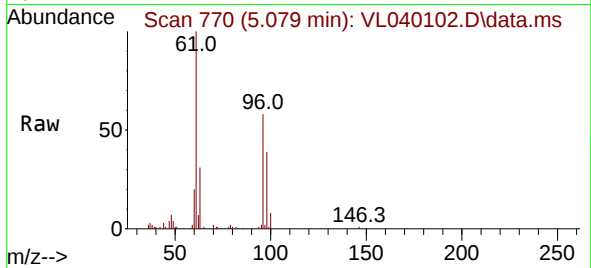
Tgt Ion: 96 Resp: 7113
Ion Ratio Lower Upper
96 100
61 181.2 153.0 229.4
98 56.4 52.7 79.1





#31
 cis-1,2-Dichloroethene
 Concen: 0.656 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040102.D
 Acq: 16 Jan 2023 17:47

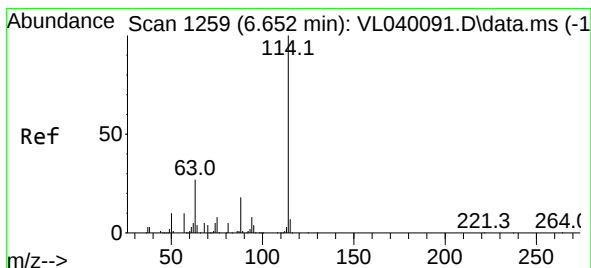
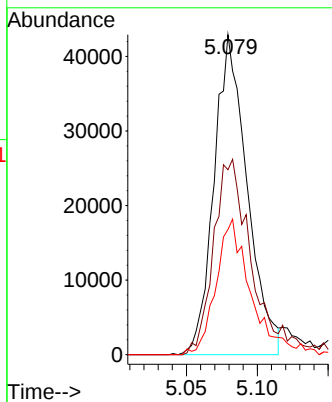
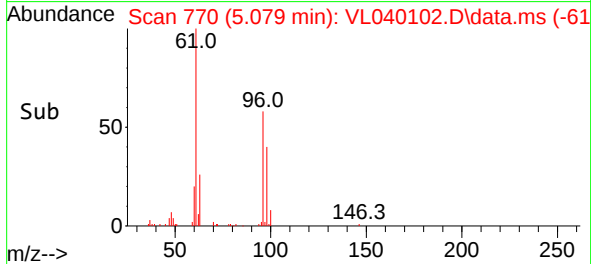
Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3DL



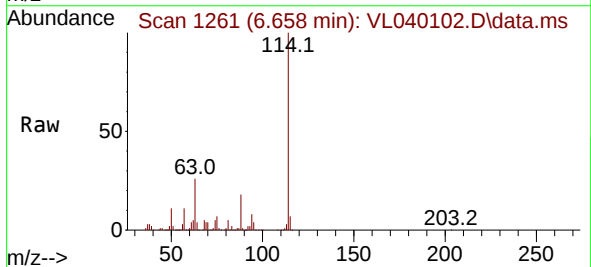
Tgt Ion: 61 Resp: 69909
 Ion Ratio Lower Upper
 61 100
 96 57.8 52.0 78.0
 98 39.1 35.3 52.9

Manual Integrations
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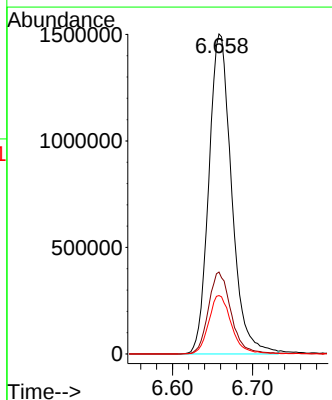
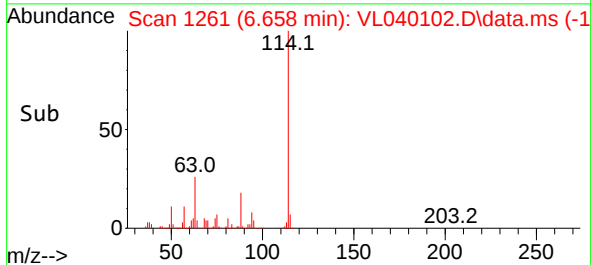
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

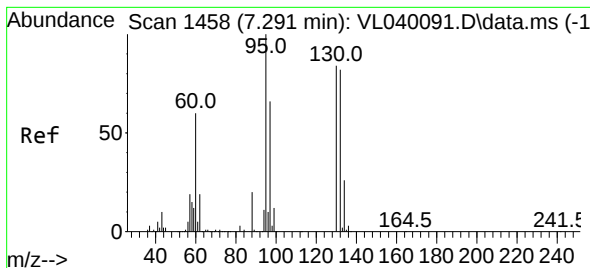


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. 0.006 min
 Lab File: VL040102.D
 Acq: 16 Jan 2023 17:47



Tgt Ion:114 Resp: 2973556
 Ion Ratio Lower Upper
 114 100
 63 25.6 21.8 32.8
 88 18.4 14.8 22.2





#38

Trichloroethene

Concen: 3.052 ppbv

RT: 7.301 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL040102.D

Acq: 16 Jan 2023 17:47

Instrument :

MSVOA_L

ClientSampleId :

BH1N3DL

Tgt Ion:130 Resp: 381128

Ion Ratio Lower Upper

130 100

95 114.6 95.0 142.6

132 96.4 77.9 116.9

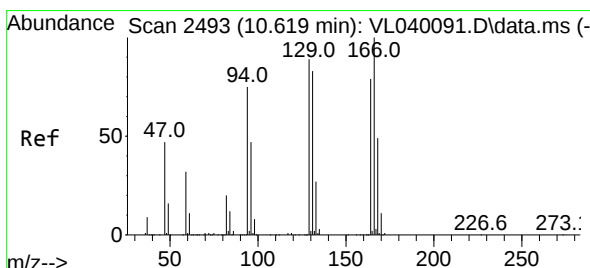
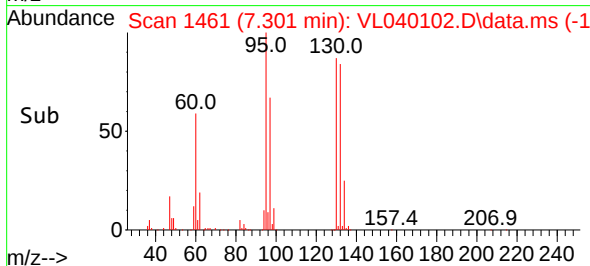
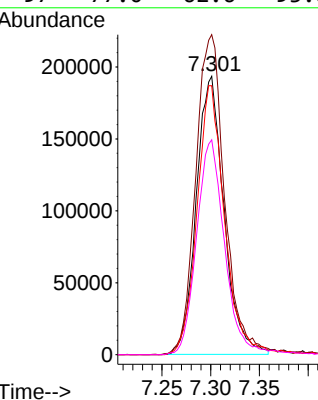
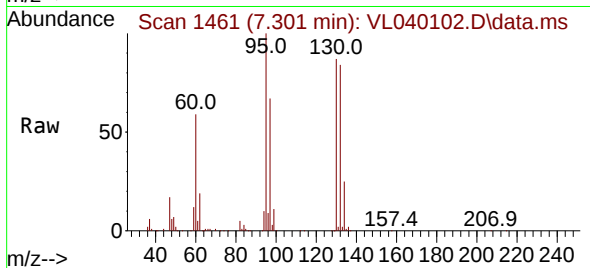
97 77.0 62.6 93.8

Manual Integrations

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#52

Tetrachloroethene

Concen: 2.839 ppbv m

RT: 10.632 min Scan# 2497

Delta R.T. 0.013 min

Lab File: VL040102.D

Acq: 16 Jan 2023 17:47

Tgt Ion:164 Resp: 204379

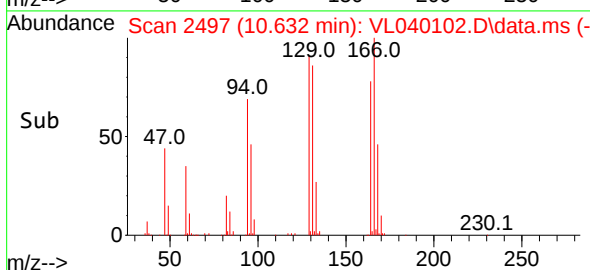
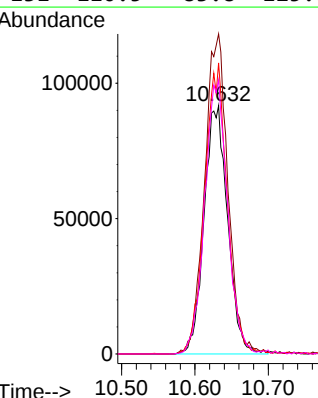
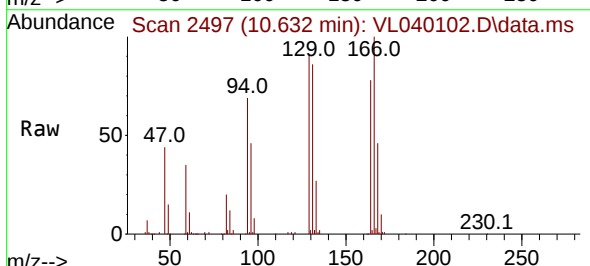
Ion Ratio Lower Upper

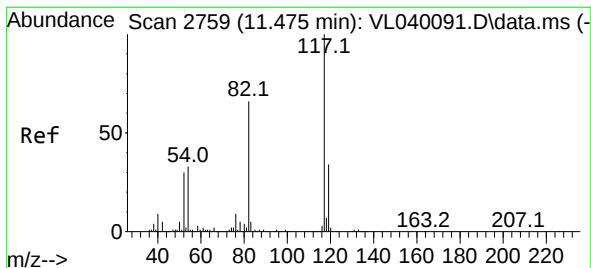
164 100

166 129.0 101.2 151.8

129 117.3 90.2 135.2

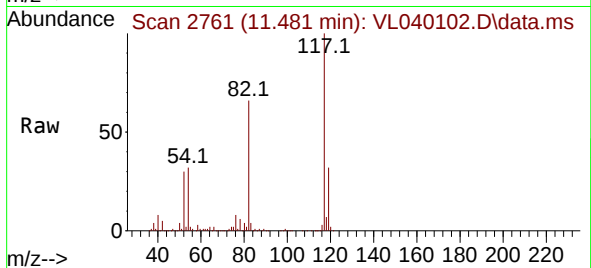
131 110.5 83.8 125.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47

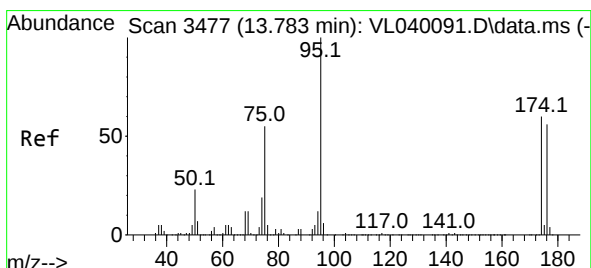
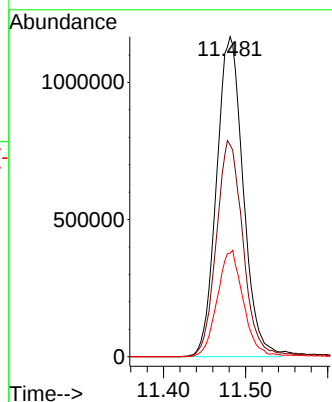
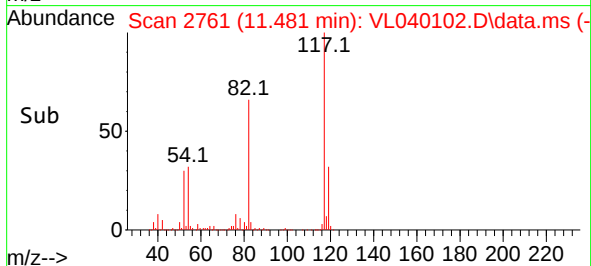
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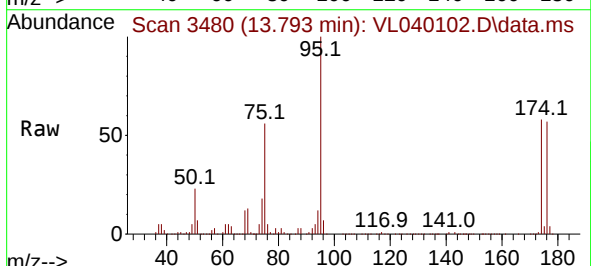
Tgt Ion: 117 Resp: 2633199
Ion Ratio Lower Upper
117 100
82 68.9 54.4 81.6
119 33.0 26.8 40.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.802 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.010 min
Lab File: VL040102.D
Acq: 16 Jan 2023 17:47



Tgt Ion: 95 Resp: 2145172
Ion Ratio Lower Upper
95 100
174 60.3 47.7 71.5
175 4.4 3.4 5.2

