

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050868.D
 Acq On : 21 Sep 2022 06:09
 Operator : JC/MD
 Sample : N4650-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 21 06:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	426575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	185835	42.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.100%		
7) Chloroethane-d5	1.909	69	158149	50.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.480%		
11) 1,1-Dichloroethene-d2	2.572	63	443710	64.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	129.040%#		
21) 2-Butanone-d5	4.623	46	325871	114.209	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.210%		
24) Chloroform-d	5.064	84	331719	47.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	5.700	65	210502	49.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.640%		
32) Benzene-d6	5.726	84	660850	48.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.980%		
36) 1,2-Dichloropropane-d6	6.690	67	226675	49.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.580%		
41) Toluene-d8	7.896	98	525080	44.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.179	79	86631	43.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.480%		
47) 2-Hexanone-d5	8.633	63	194054	103.425	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.430%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	333392	48.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	167494	54.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.420%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	11468	2.103	ug/L	99
12) 1,1-Dichloroethene	2.578	96	399495m	121.817	ug/L	
17) trans-1,2-Dichloroethene	3.356	96	9754	2.902	ug/L	96
19) 1,1-Dichloroethane	3.867	63	749186	110.309	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	457779	122.832	ug/L	99
25) Chloroform	5.089	83	35567	5.255	ug/L	98
27) 1,2-Dichloroethane	5.797	62	4692	0.912	ug/L #	93
30) 1,1,1-Trichloroethane	5.314	97	1931947	354.612	ug/L	99
34) Trichloroethene	6.539	95	419435	119.815	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	10365	2.727	ug/L	96
46) Tetrachloroethene	8.552	164	176675	70.230	ug/L	99

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

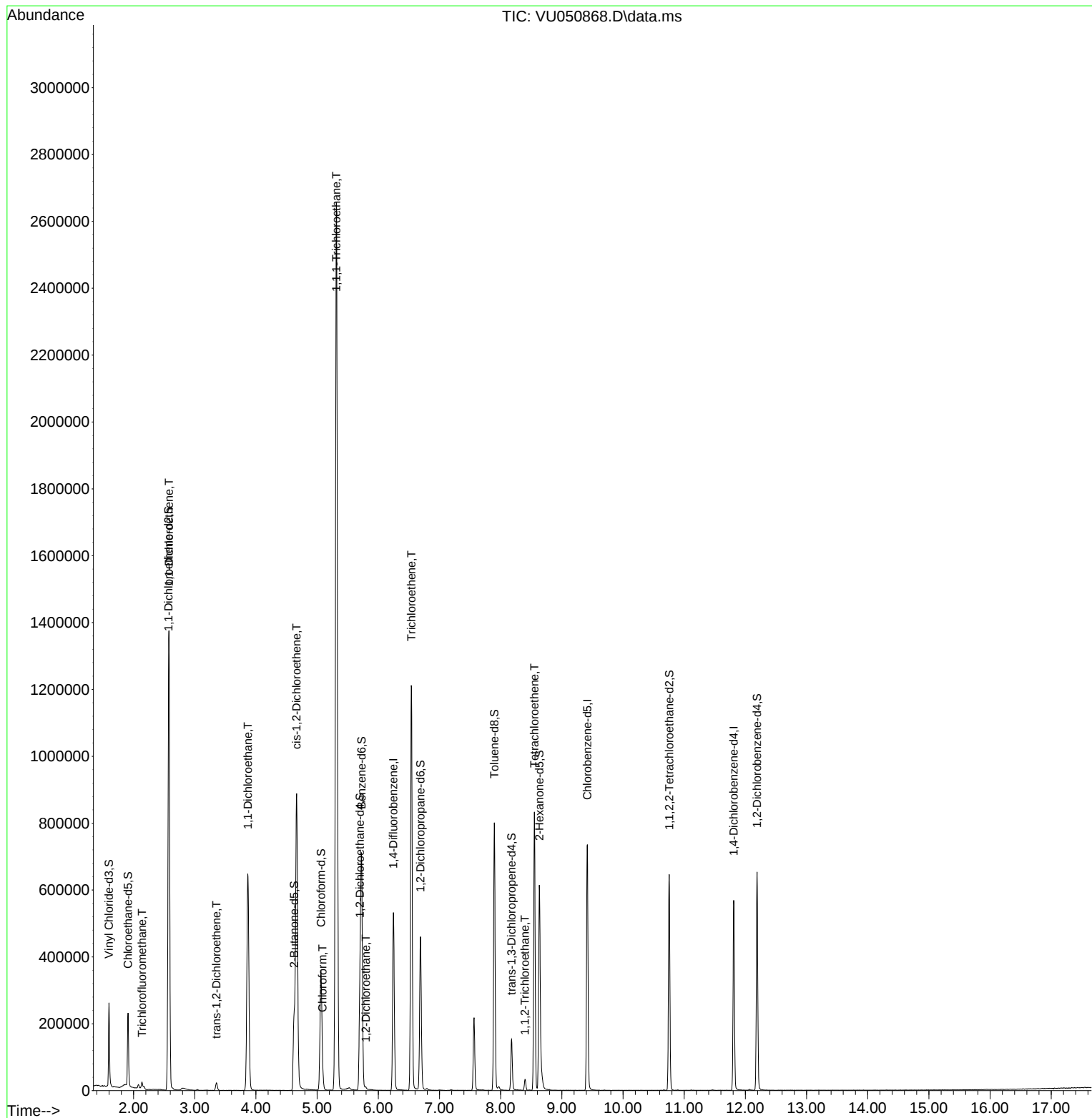
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050868.D
Acq On : 21 Sep 2022 06:09
Operator : JC/MD
Sample : N4650-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

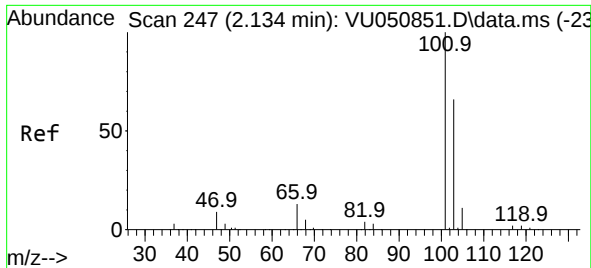
Instrument :
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Quant Time: Sep 21 06:58:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

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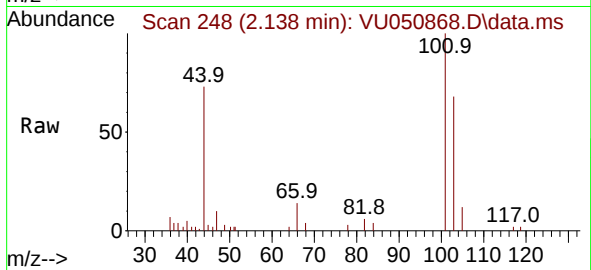
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#9
 Trichlorofluoromethane
 Concen: 2.103 ug/L
 RT: 2.138 min Scan# 247
 Delta R.T. 0.003 min
 Lab File: VU050868.D
 Acq: 21 Sep 2022 06:09

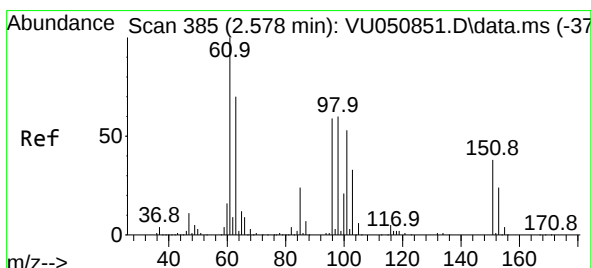
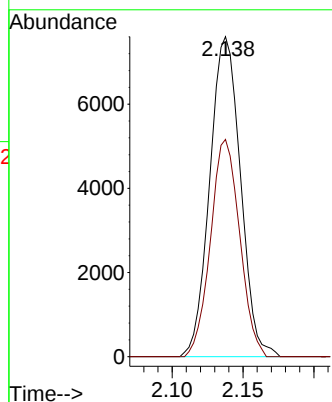
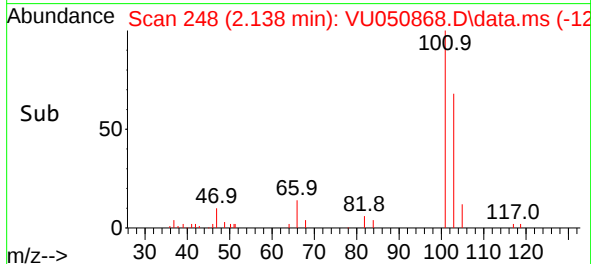
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38



Tgt Ion:101 Resp: 11468
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3

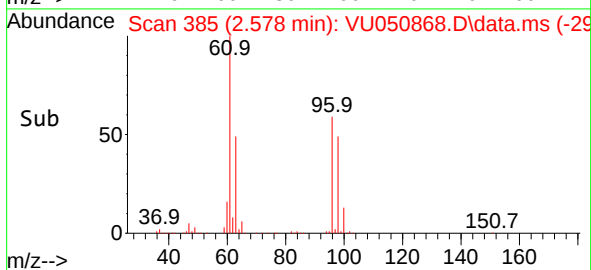
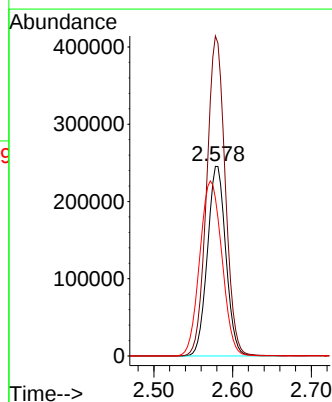
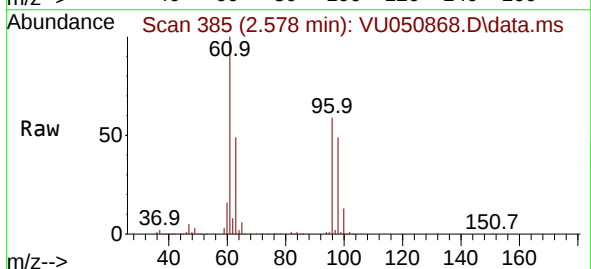
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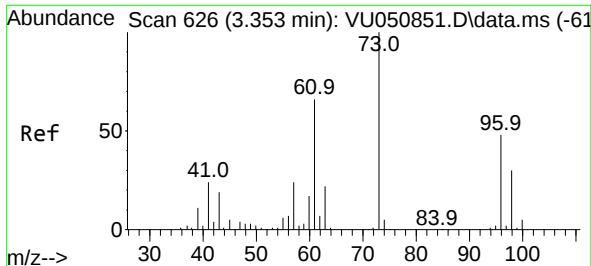
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#12
 1,1-Dichloroethene
 Concen: 121.817 ug/L m
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050868.D
 Acq: 21 Sep 2022 06:09

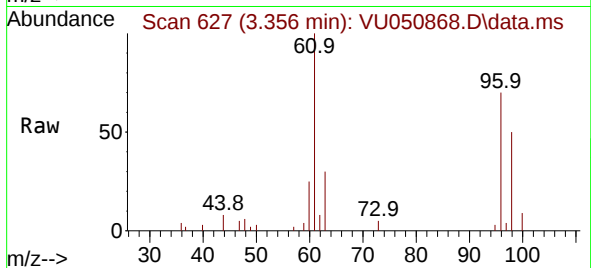
Tgt Ion: 96 Resp: 399495
 Ion Ratio Lower Upper
 96 100
 61 168.7 118.6 220.2
 63 83.2 90.4 168.0#





#17
trans-1,2-Dichloroethene
Concen: 2.902 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

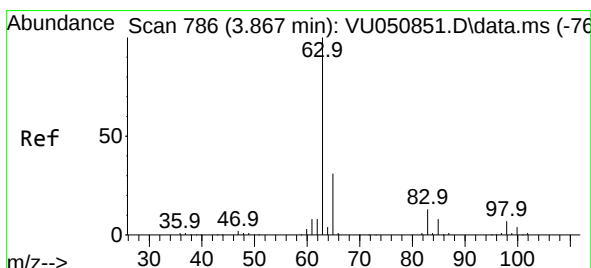
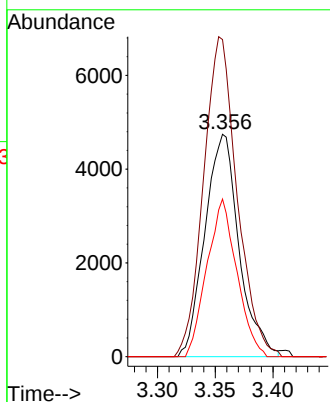
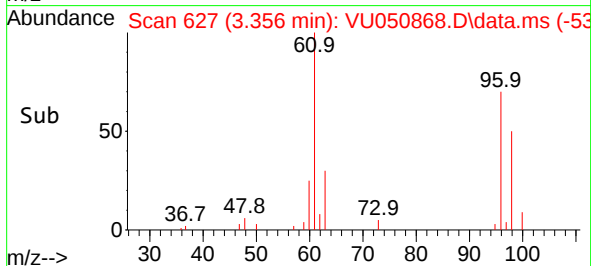
Instrument :
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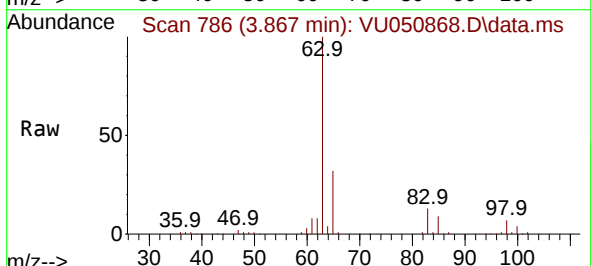
Tgt Ion: 96 Resp: 9754
Ion Ratio Lower Upper
96 100
61 142.5 98.0 182.0
98 70.9 44.3 82.3

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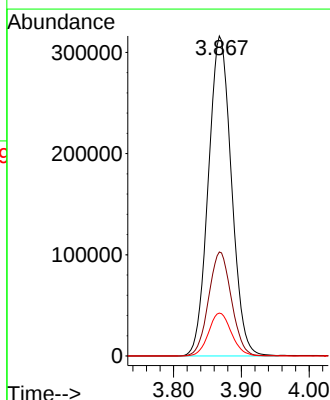
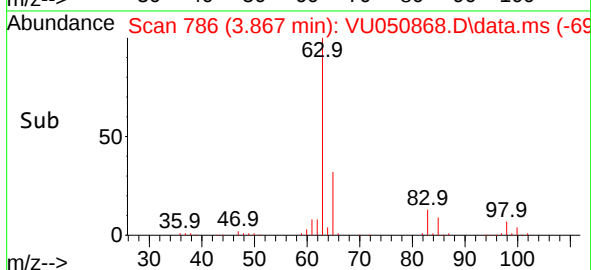
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

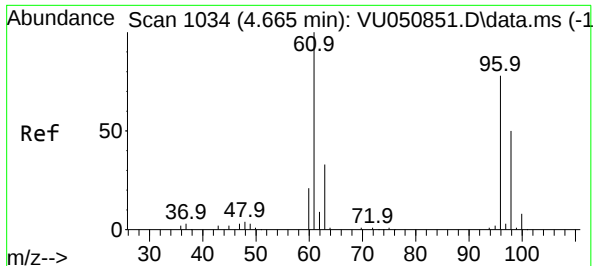


#19
1,1-Dichloroethane
Concen: 110.309 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09



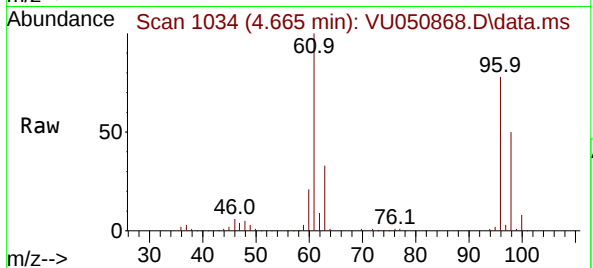
Tgt Ion: 63 Resp: 749186
Ion Ratio Lower Upper
63 100
65 32.5 21.5 39.9
83 13.4 9.3 17.3





#20
cis-1,2-Dichloroethene
Concen: 122.832 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

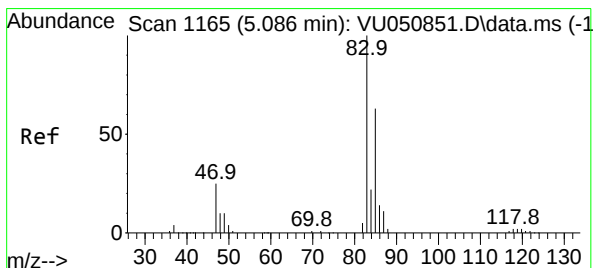
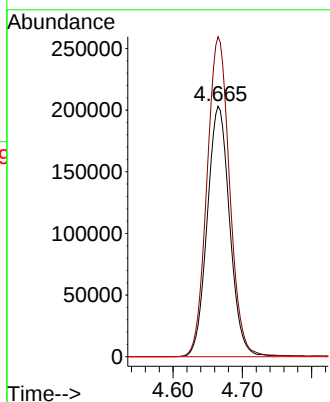
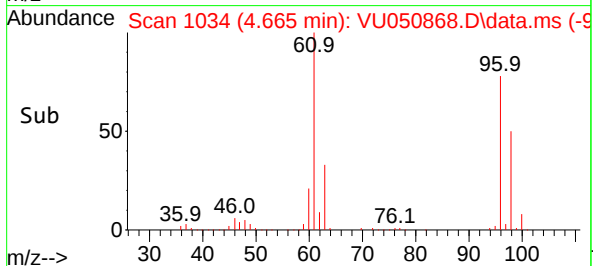
Instrument :
MSVOA_U
ClientSampleId :
EXZ38



Tgt Ion: 96 Resp: 457779
Ion Ratio Lower Upper
96 100
61 127.8 90.1 167.3
68 0.0 0.0 0.0

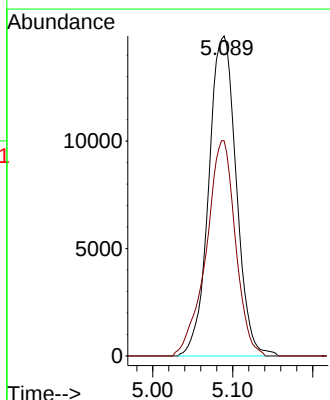
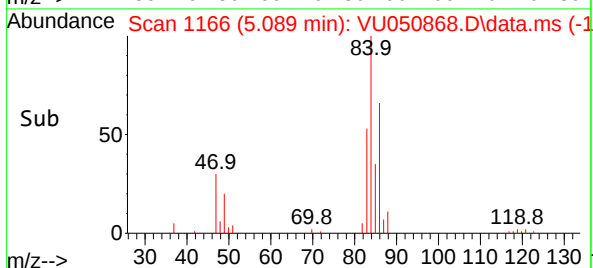
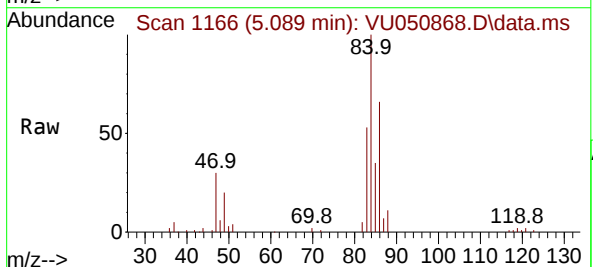
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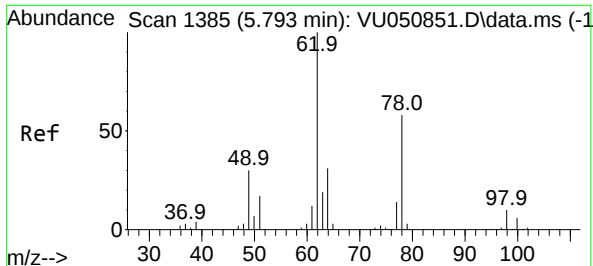
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#25
Chloroform
Concen: 5.255 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

Tgt Ion: 83 Resp: 35567
Ion Ratio Lower Upper
83 100
85 67.3 45.7 84.9





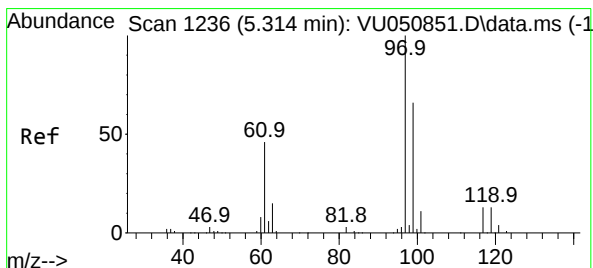
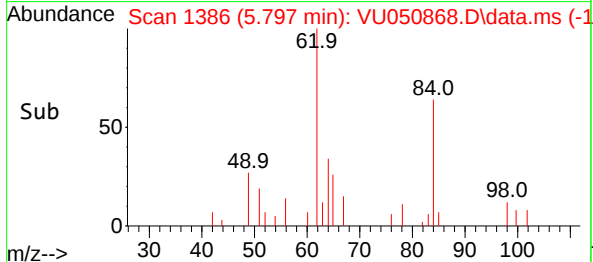
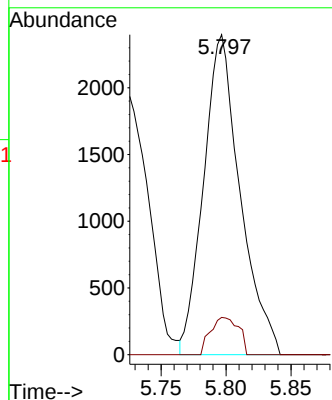
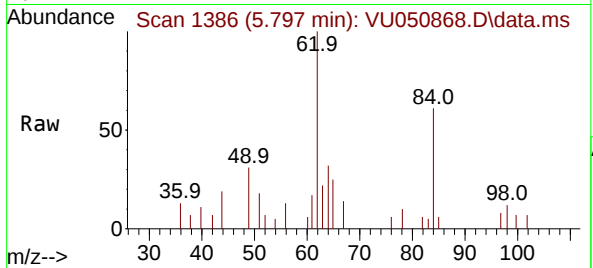
#27
1,2-Dichloroethane
Concen: 0.912 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 62 Resp: 4692
Ion Ratio Lower Upper
62 100
98 11.6 7.4 11.0

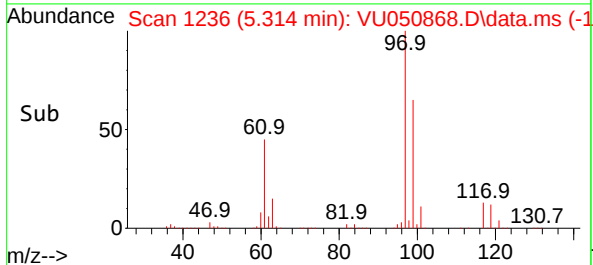
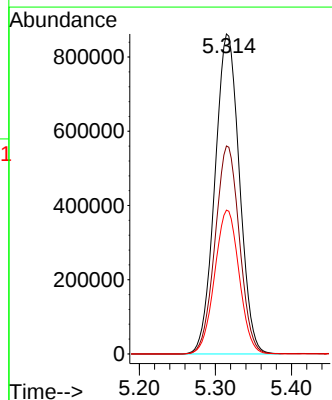
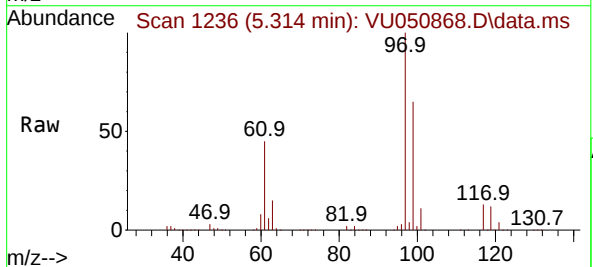
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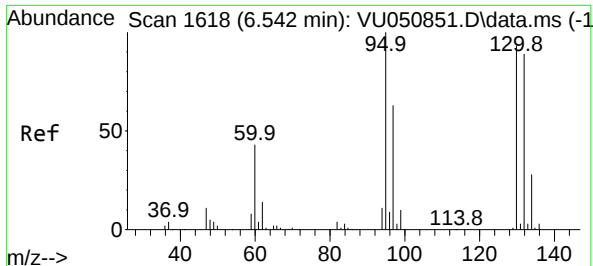
Reviewed By :Krupa Patel 09/21/2022
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#30
1,1,1-Trichloroethane
Concen: 354.612 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

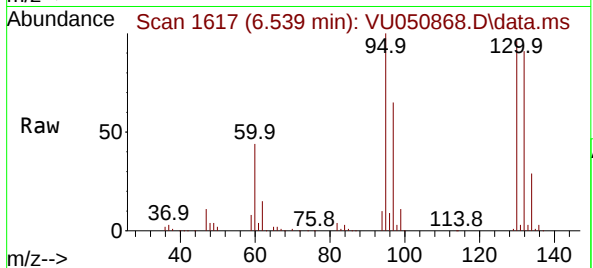
Tgt Ion: 97 Resp: 1931947
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.0 37.1 55.7





#34
Trichloroethene
Concen: 119.815 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09

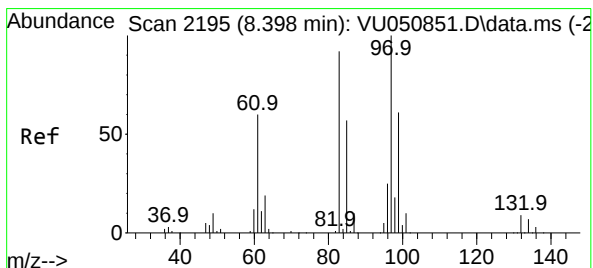
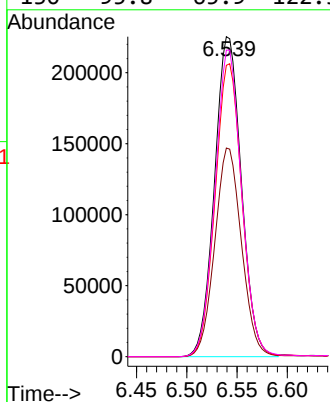
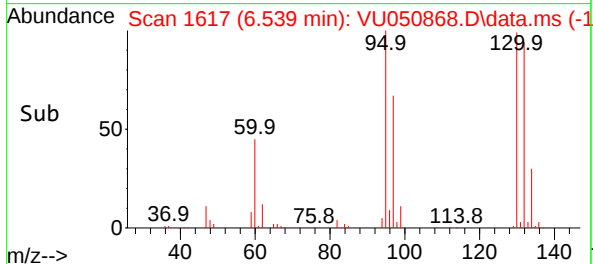
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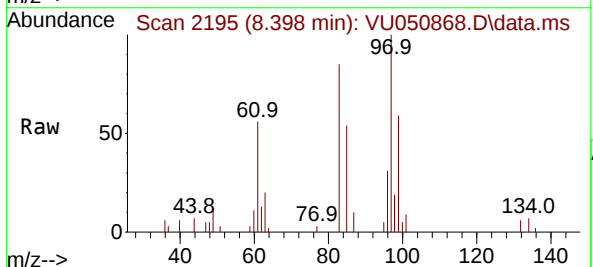
Tgt Ion: 95 Resp: 41943
Ion Ratio Lower Upper
95 100
97 65.2 43.9 81.5
132 91.0 63.1 117.1
130 95.8 65.9 122.3

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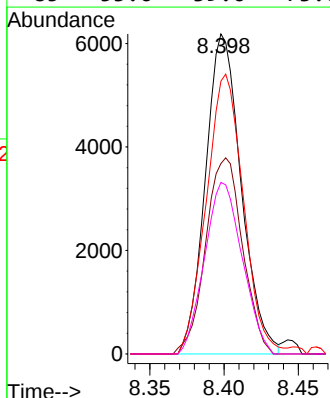
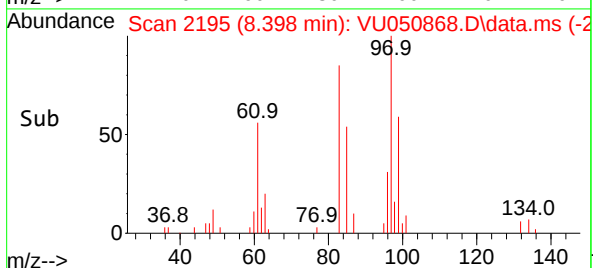
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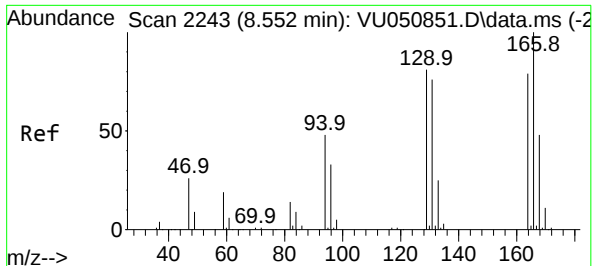


#45
1,1,2-Trichloroethane
Concen: 2.727 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050868.D
Acq: 21 Sep 2022 06:09



Tgt Ion: 97 Resp: 10365
Ion Ratio Lower Upper
97 100
99 59.5 43.8 81.4
83 85.2 62.6 116.3
85 53.6 39.6 73.6





#46

Tetrachloroethene

Concen: 70.230 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050868.D

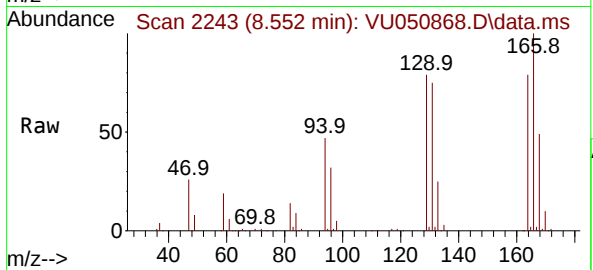
Acq: 21 Sep 2022 06:09

Instrument :

MSVOA_U

ClientSampleId :

EXZ38



Tgt Ion:164 Resp: 176679

Ion Ratio Lower Upper

164 100

129 99.8 68.5 127.3

131 95.7 66.1 122.7

166 126.7 88.8 164.8

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