

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050844.D
 Acq On : 20 Sep 2022 20:21
 Operator : JC/MD
 Sample : N4651-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ46

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 02:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	419148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	193286	44.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.020%		
7) Chloroethane-d5	1.906	69	152816	49.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.820%		
11) 1,1-Dichloroethene-d2	2.565	63	235541m	34.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.720%		
21) 2-Butanone-d5	4.623	46	318334	113.544	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.540%		
24) Chloroform-d	5.063	84	324741	47.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
26) 1,2-Dichloroethane-d4	5.700	65	206112	49.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
32) Benzene-d6	5.726	84	654005	49.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.080%		
36) 1,2-Dichloropropane-d6	6.690	67	226733	50.879	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.760%		
41) Toluene-d8	7.896	98	534329	46.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.600%		
43) trans-1,3-Dichloroprop...	8.179	79	88262	45.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.060%		
47) 2-Hexanone-d5	8.632	63	194694	106.016	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.020%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	323779	47.656	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.320%		
66) 1,2-Dichlorobenzene-d4	12.192	152	173274	54.596	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.200%		
Target Compounds						
5) Vinyl chloride	1.604	62	19718	3.992	ug/L	89
13) Acetone	2.632	43	5742	2.419	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	4290	1.299	ug/L	97
19) 1,1-Dichloroethane	3.867	63	197390	29.578	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	140610	38.397	ug/L	99
27) 1,2-Dichloroethane	5.796	62	2530	0.501	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	63227	11.857	ug/L	98
46) Tetrachloroethene	8.552	164	3858	1.567	ug/L	94

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

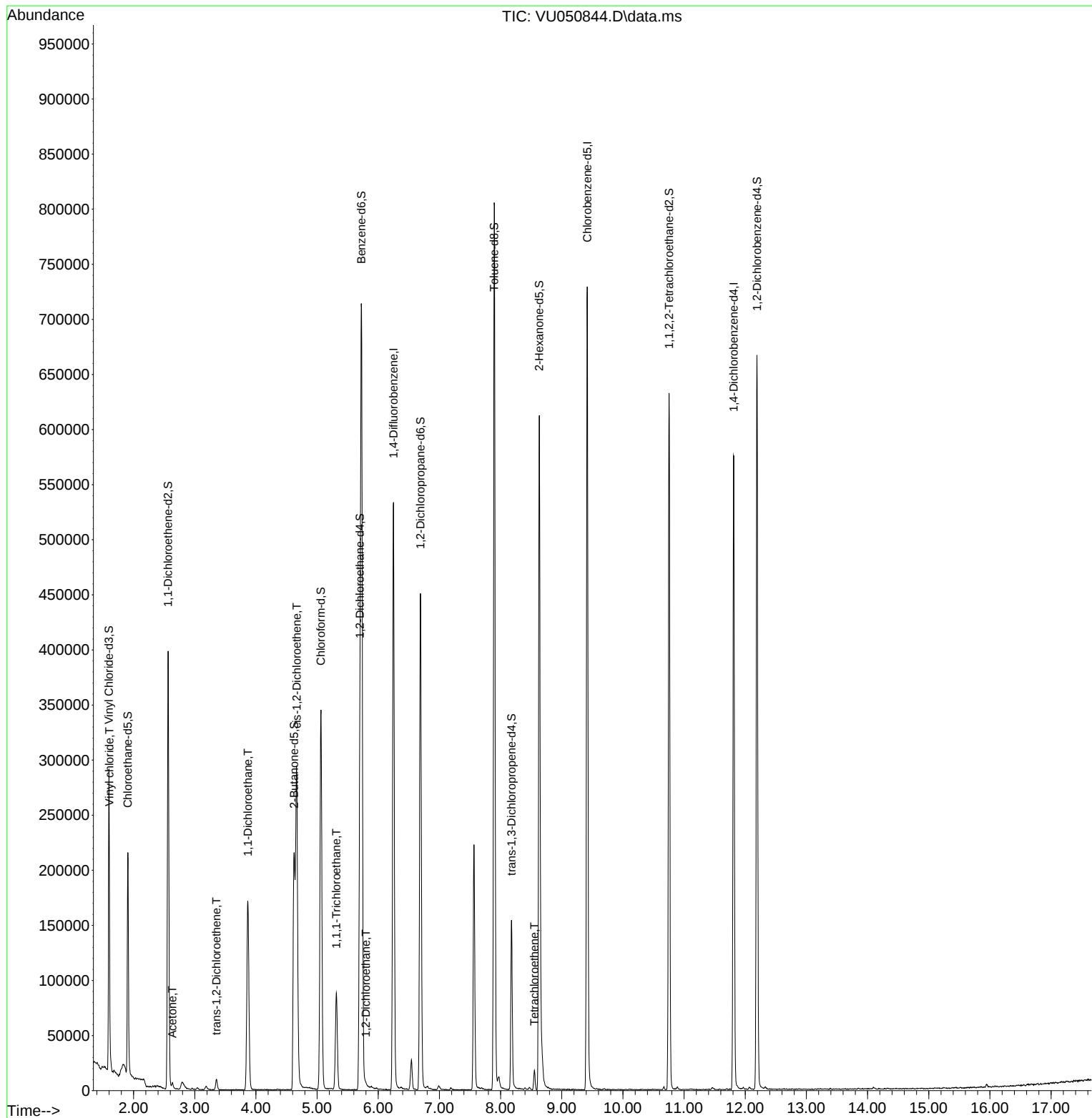
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
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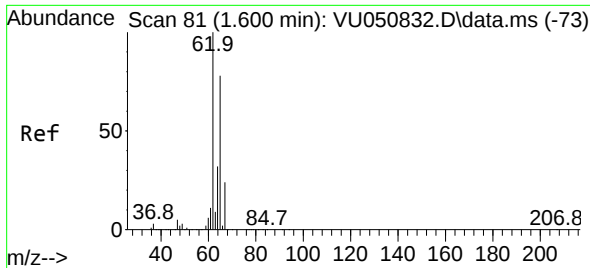
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
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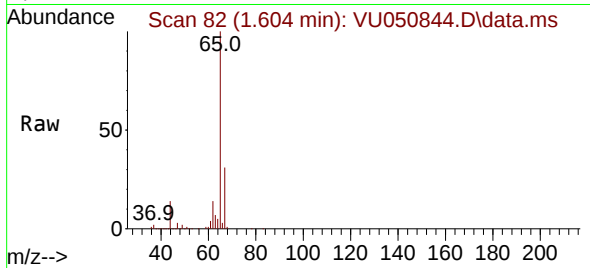
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#5
 Vinyl chloride
 Concen: 3.992 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050844.D
 Acq: 20 Sep 2022 20:21

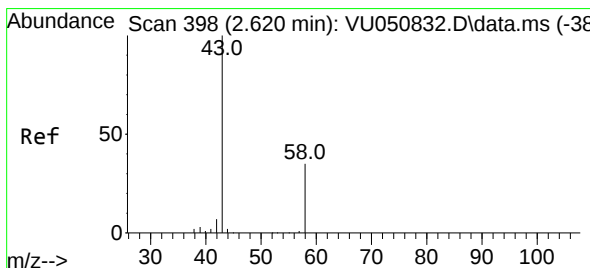
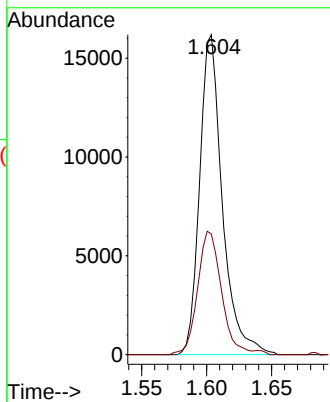
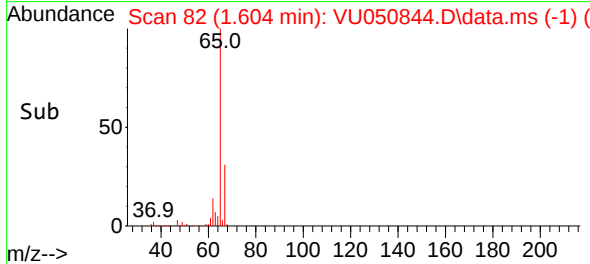
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ46



Tgt Ion: 62 Resp: 19718
 Ion Ratio Lower Upper
 62 100
 64 37.7 22.2 41.2

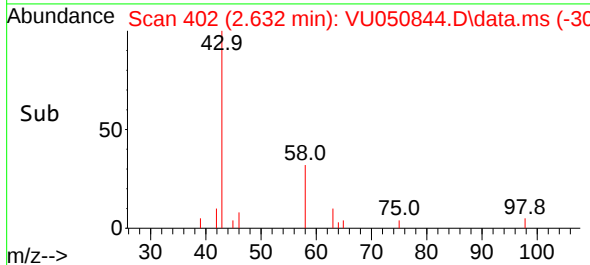
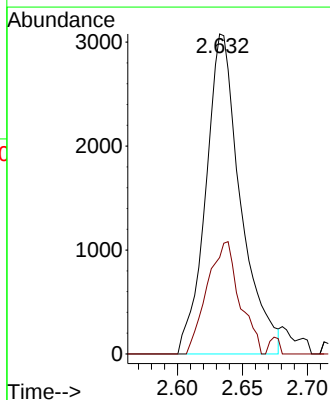
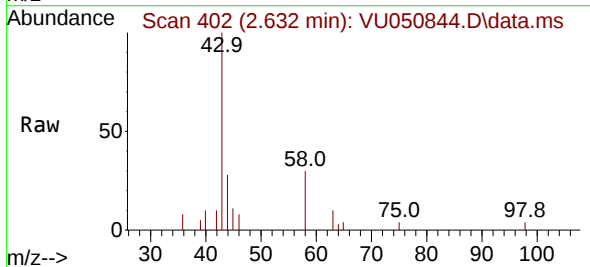
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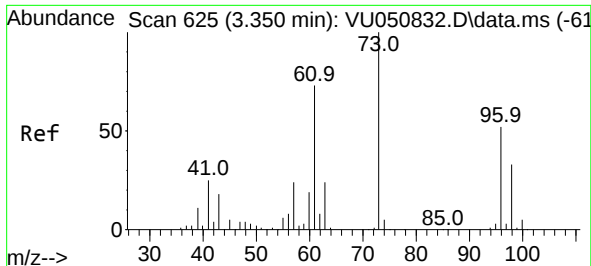
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#13
 Acetone
 Concen: 2.419 ug/L
 RT: 2.632 min Scan# 402
 Delta R.T. 0.013 min
 Lab File: VU050844.D
 Acq: 20 Sep 2022 20:21

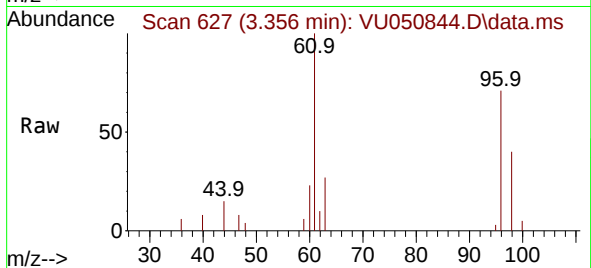
Tgt Ion: 43 Resp: 5742
 Ion Ratio Lower Upper
 43 100
 58 32.5 0.0 71.4





#17
trans-1,2-Dichloroethene
Concen: 1.299 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU050844.D
Acq: 20 Sep 2022 20:21

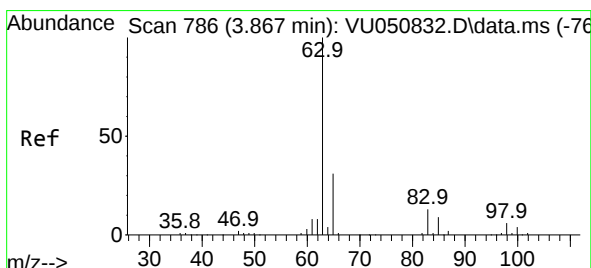
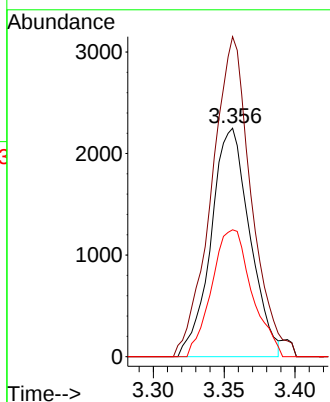
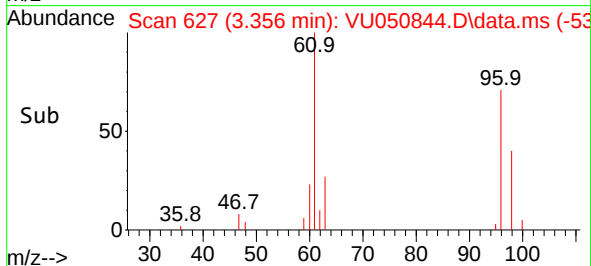
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EXZ46



Tgt Ion: 96 Resp: 4290
Ion Ratio Lower Upper
96 100
61 140.0 98.0 182.0
98 55.5 44.3 82.3

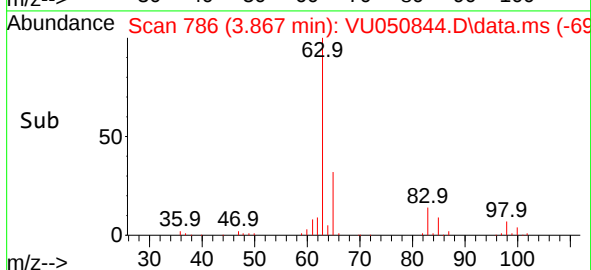
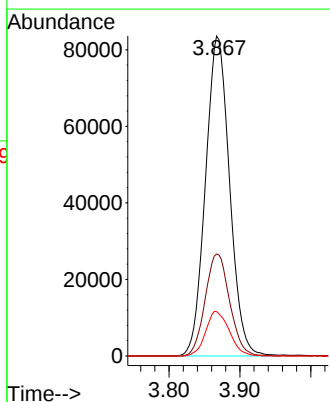
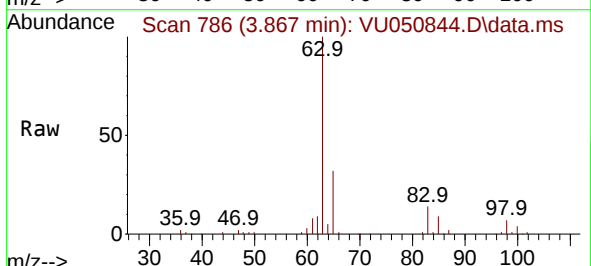
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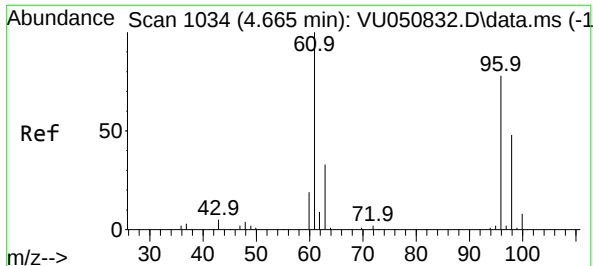
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#19
1,1-Dichloroethane
Concen: 29.578 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050844.D
Acq: 20 Sep 2022 20:21

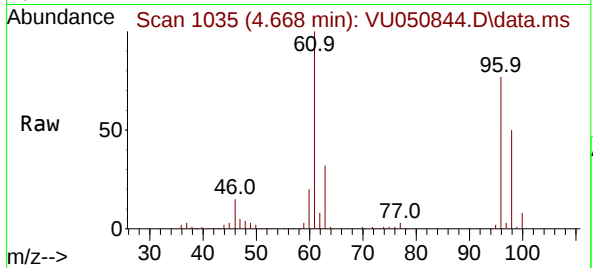
Tgt Ion: 63 Resp: 197390
Ion Ratio Lower Upper
63 100
65 31.8 21.5 39.9
83 13.9 9.3 17.3





#20
 cis-1,2-Dichloroethene
 Concen: 38.397 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU050844.D
 Acq: 20 Sep 2022 20:21

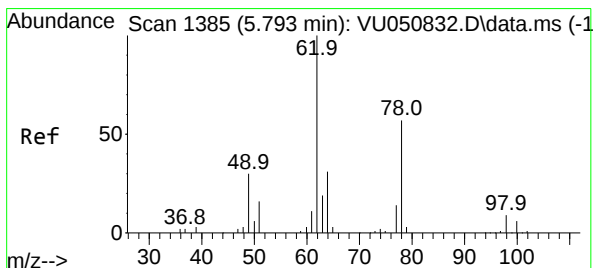
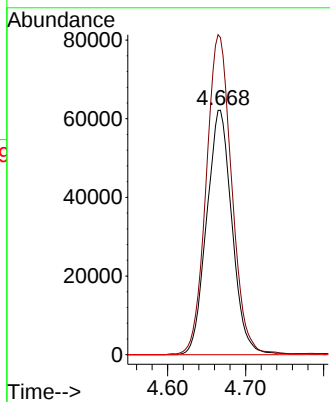
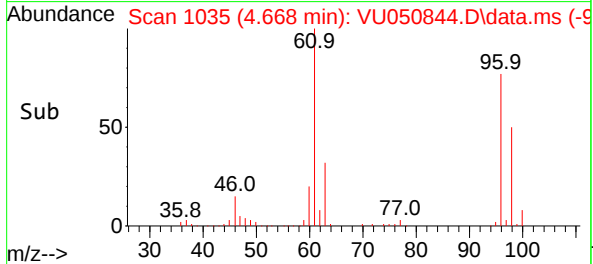
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ46



Tgt Ion: 96 Resp: 140610
 Ion Ratio Lower Upper
 96 100
 61 129.7 90.1 167.3
 68 0.0 0.0 0.0

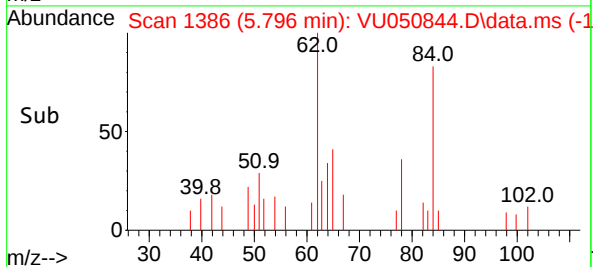
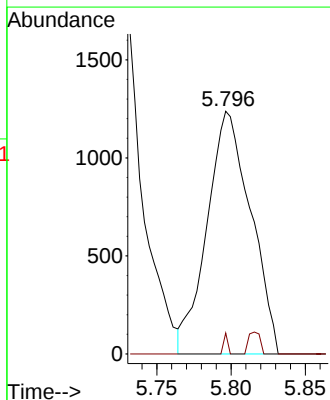
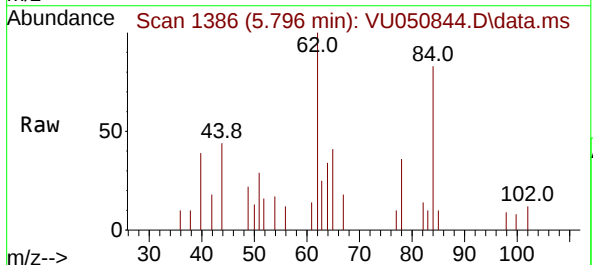
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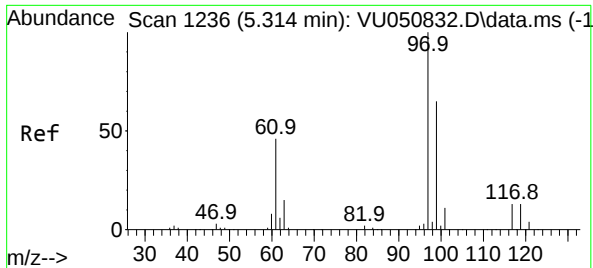
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 Supervised By :Mahesh Dadoda 09/21/2022



#27
 1,2-Dichloroethane
 Concen: 0.501 ug/L
 RT: 5.796 min Scan# 1386
 Delta R.T. 0.003 min
 Lab File: VU050844.D
 Acq: 20 Sep 2022 20:21

Tgt Ion: 62 Resp: 2530
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.4 11.0





#30

1,1,1-Trichloroethane

Concen: 11.857 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050844.D

Acq: 20 Sep 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

EXZ46

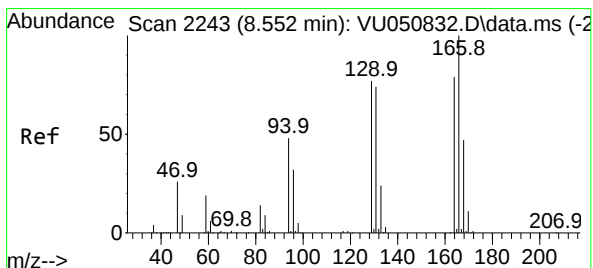
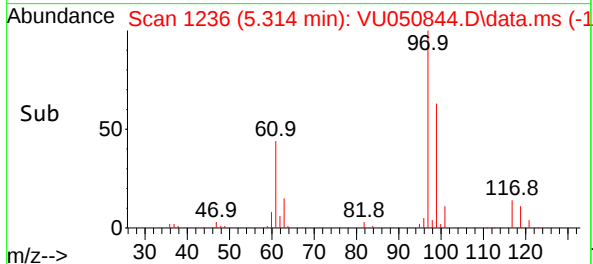
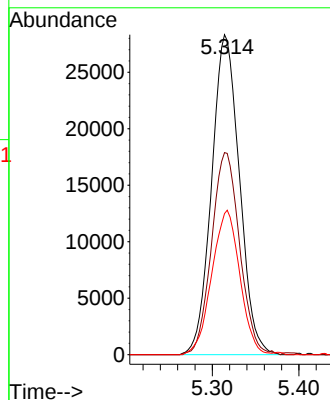
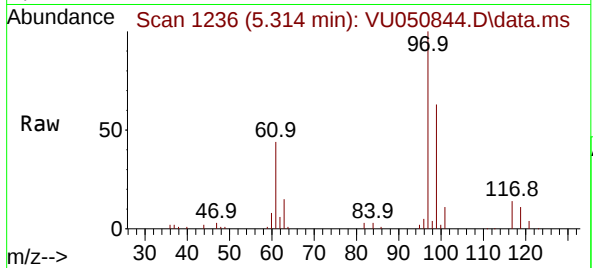
Tgt Ion: 97	Resp: 6322
Ion Ratio	Lower Upper
97 100	
99 63.7	52.2 78.2
61 45.6	37.1 55.7

Manual Integrations

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Supervised By :Mahesh Dadoda 09/21/2022



#46

Tetrachloroethene

Concen: 1.567 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050844.D

Acq: 20 Sep 2022 20:21

Tgt Ion:164	Resp: 3858
Ion Ratio	Lower Upper
164 100	
129 114.6	68.5 127.3
131 90.9	66.1 122.7
166 126.9	88.8 164.8

