

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023359.D
 Acq On : 11 Nov 2021 02:34
 Operator : SY/MD
 Sample : M4558-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB880

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 03:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24007	2.947	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.000%	
7) Chloroethane-d5	1.568	69	24191	3.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.111	63	39907	2.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.400%#	
20) 2-Butanone-d5	3.886	46	105552	75.206	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	150.420%#	
24) Chloroform-d	4.352	84	72174	4.157	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.037	65	35787	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.053	84	131548	3.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.075	67	44270	4.561	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.320	98	111192	3.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	7.628	79	14202	3.859	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.088	63	74694	55.160	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34261	4.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46647	4.692	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
5) Vinyl chloride	1.310	62	11544	1.072	ug/L	96
12) 1,1-Dichloroethene	2.121	96	5611	0.724	ug/L #	1
13) Acetone	2.182	43	3422	3.990	ug/L	94
18) trans-1,2-Dichloroethene	2.764	96	38141	4.001	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	5542170	604.096	ug/L #	95
25) Chloroform	4.381	83	8260	0.481	ug/L	91
33) Benzene	5.111	78	2605	0.073	ug/L	100
34) Trichloroethene	5.931	95	24002657m	2512.902	ug/L	
38) Bromodichloromethane	6.526	83	1576	0.140	ug/L #	88
42) Toluene	7.403	91	4626	0.120	ug/L	95
47) Tetrachloroethene	7.976	164	29473	3.560	ug/L	97

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

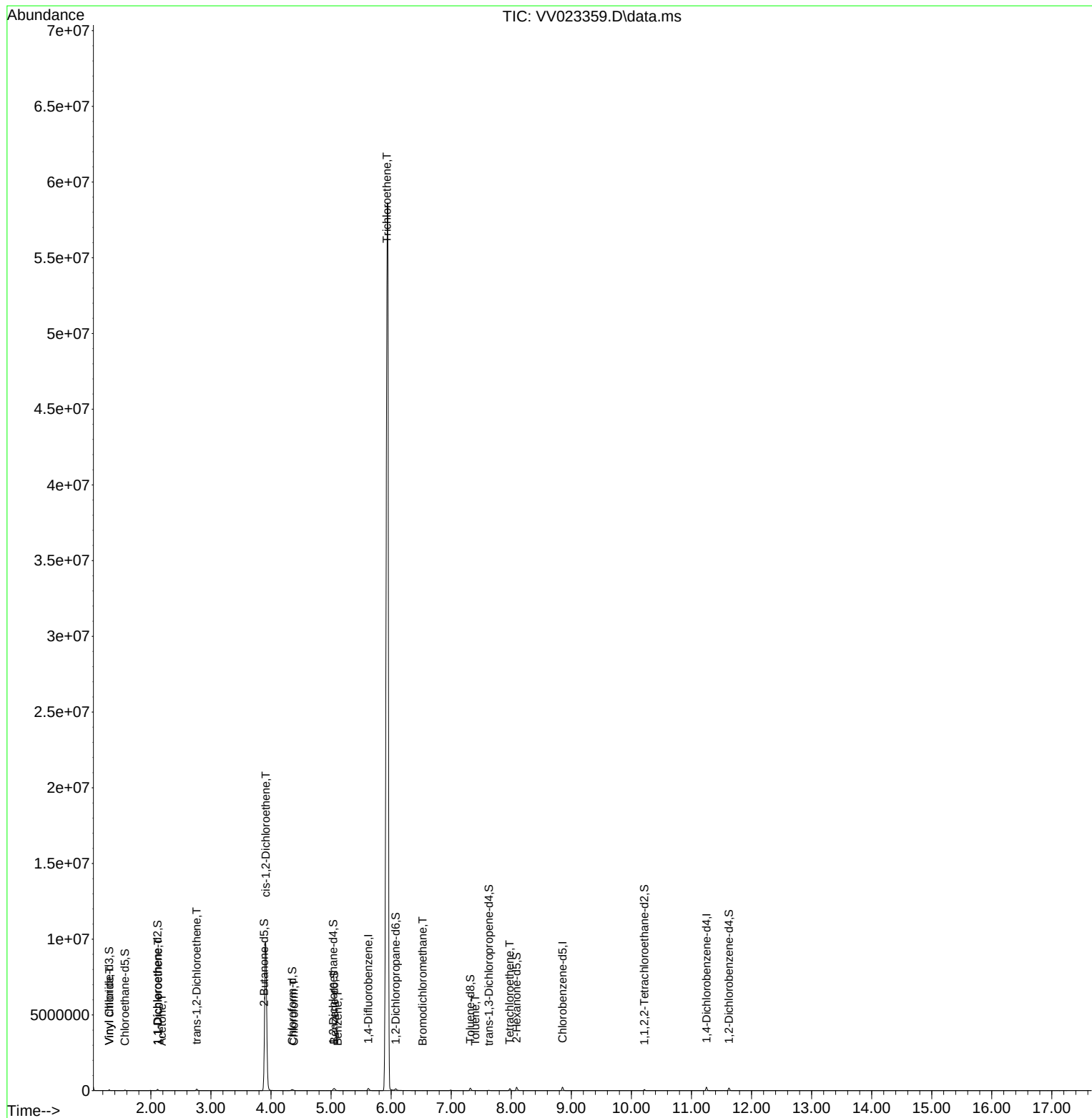
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023359.D
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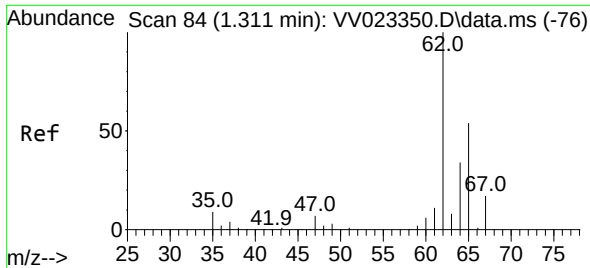
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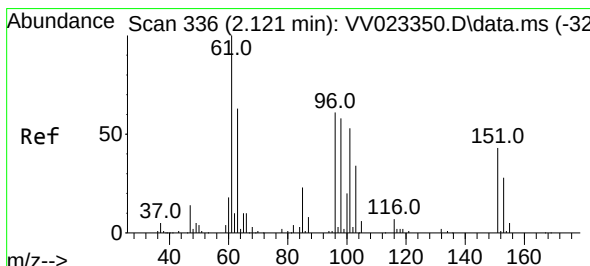
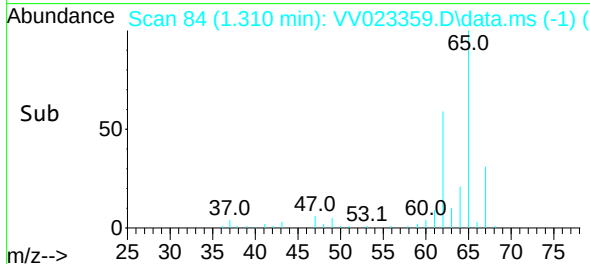
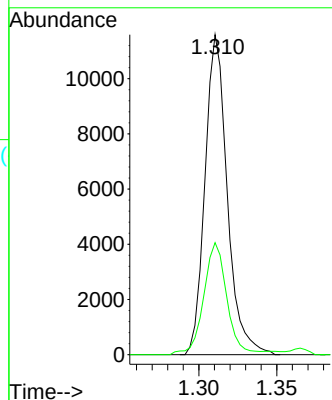
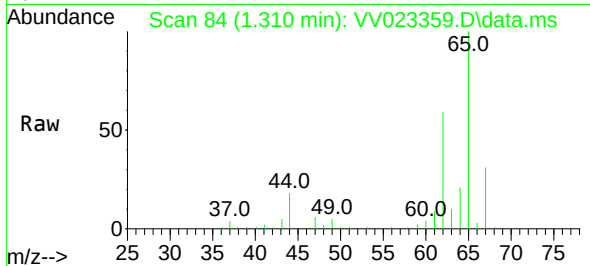
#5
 Vinyl chloride
 Concen: 1.072 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023359.D
 Acq: 11 Nov 2021 02:34

Instrument :
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 GB880

Tgt Ion: 62 Resp: 11544
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9

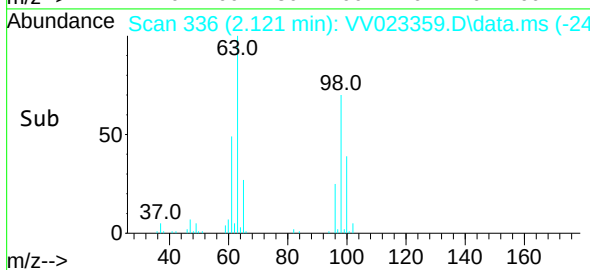
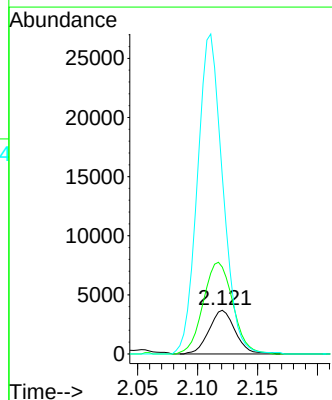
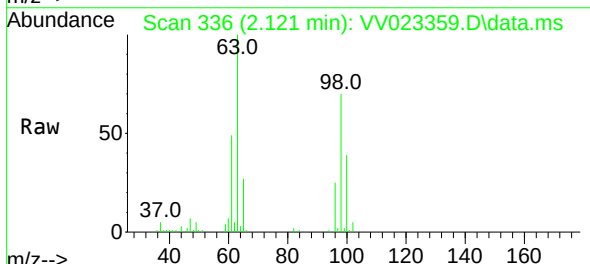
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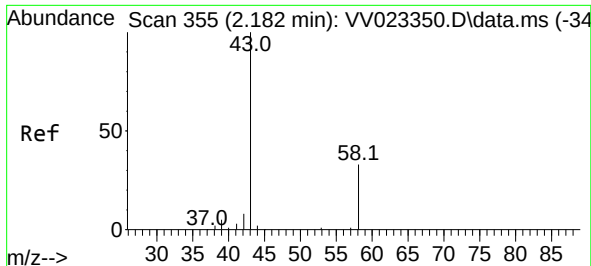
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#12
 1,1-Dichloroethene
 Concen: 0.724 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023359.D
 Acq: 11 Nov 2021 02:34

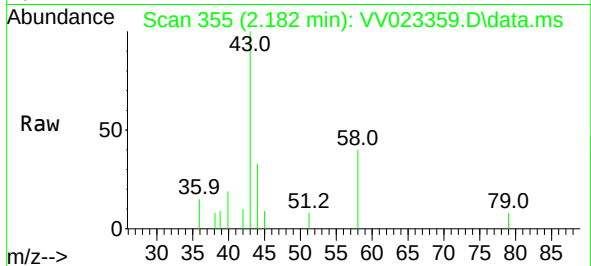
Tgt Ion: 96 Resp: 5611
 Ion Ratio Lower Upper
 96 100
 61 198.6 121.5 225.7
 63 407.7 99.6 185.0#





#13
Acetone
Concen: 3.990 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

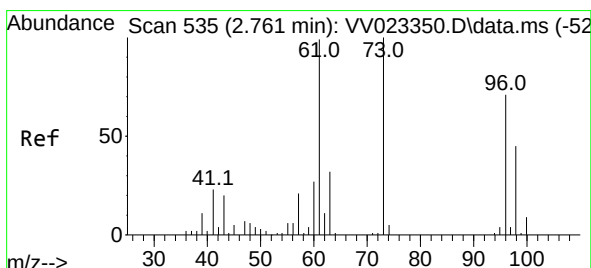
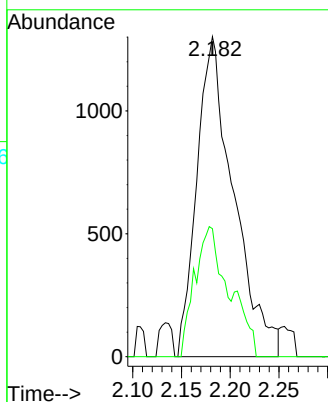
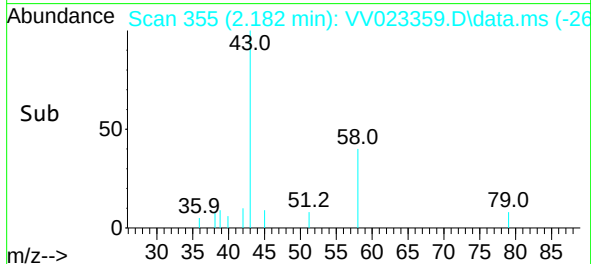
Instrument :
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Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
58 30.7 0.0 55.4

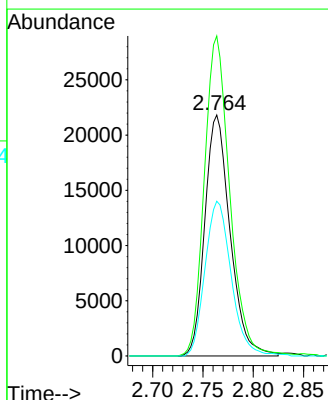
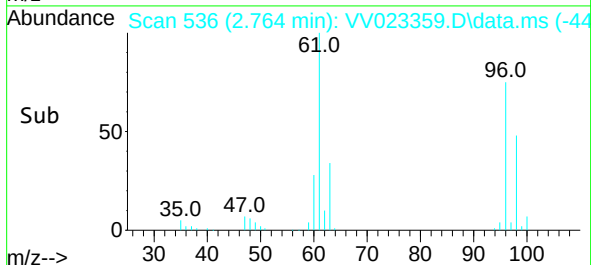
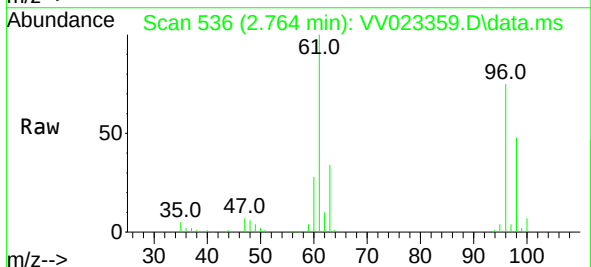
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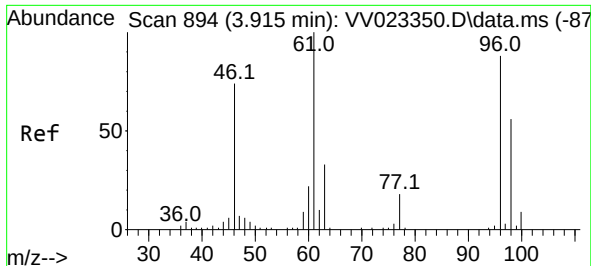
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
trans-1,2-Dichloroethene
Concen: 4.001 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

Tgt Ion: 96 Resp: 38141
Ion Ratio Lower Upper
96 100
61 132.8 93.2 173.2
98 64.2 47.0 87.2





#22

cis-1,2-Dichloroethene

Concen: 604.096 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

ClientSampleId :

GB880

Tgt Ion: 96 Resp: 5542170

Ion Ratio Lower Upper

96 100

61 125.4 92.3 171.3

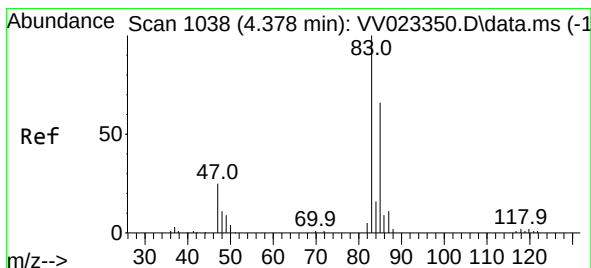
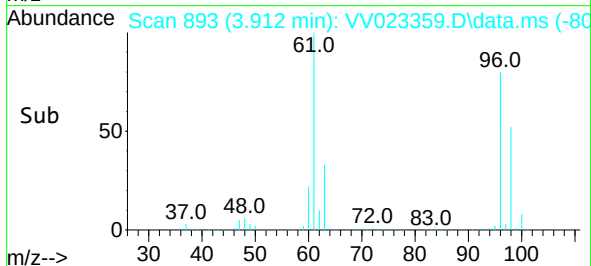
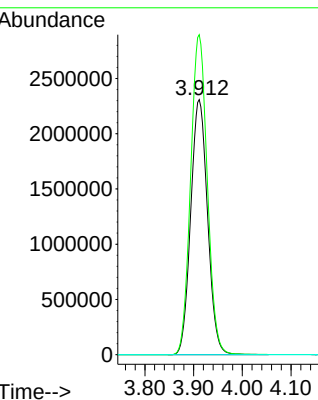
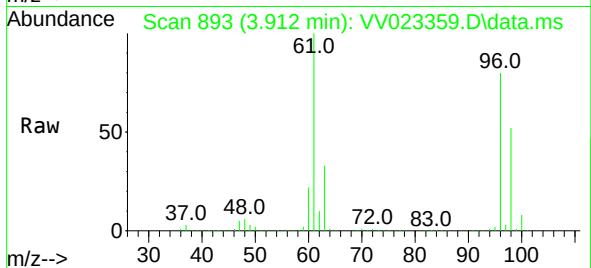
68 0.0 0.4 0.8

Manual Integrations

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#25

Chloroform

Concen: 0.481 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV023359.D

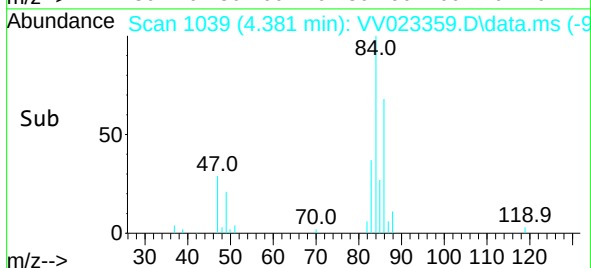
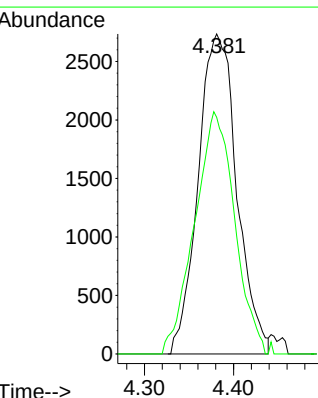
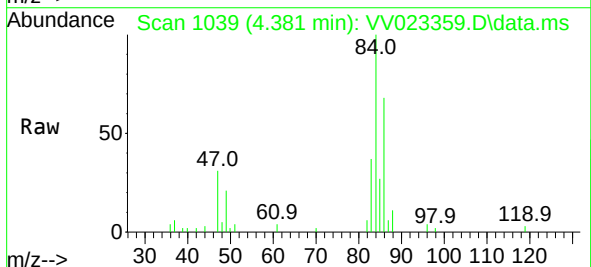
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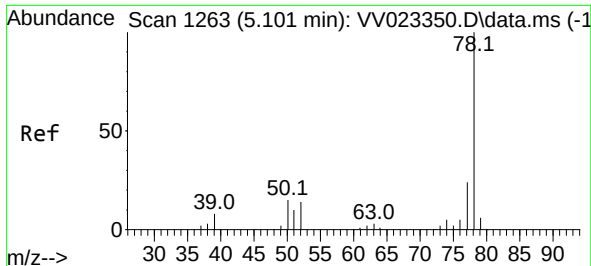
Tgt Ion: 83 Resp: 8260

Ion Ratio Lower Upper

83 100

85 73.9 46.8 86.8





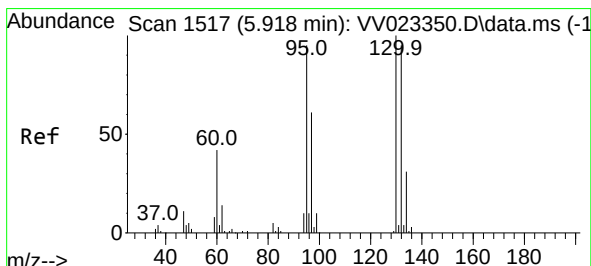
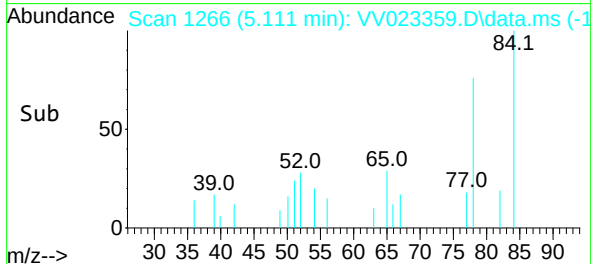
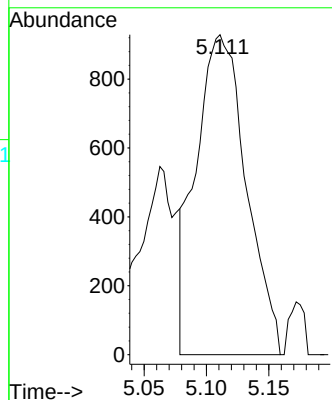
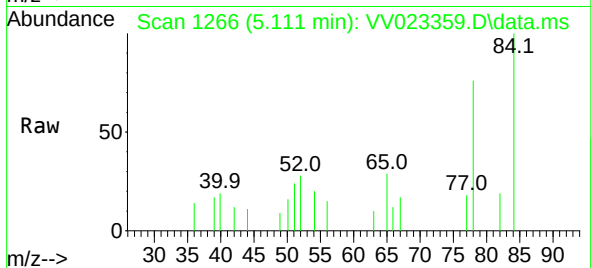
#33
Benzene
Concen: 0.073 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

Instrument :
MSVOA_V
ClientSampleId :
GB880

Tgt Ion: 78 Resp: 260

Manual Integrations
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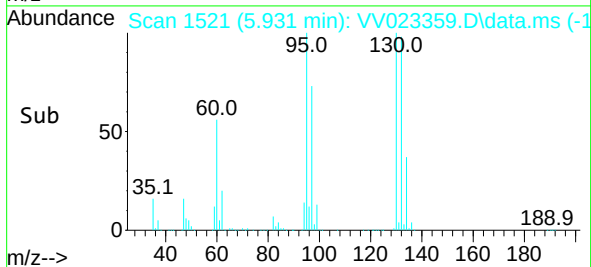
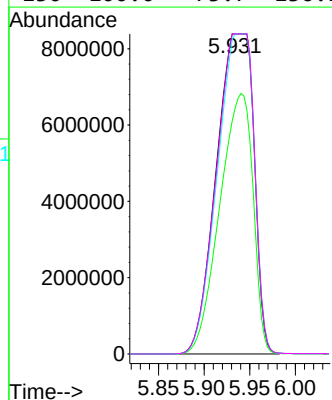
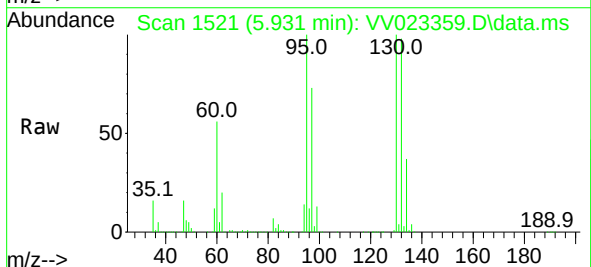
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

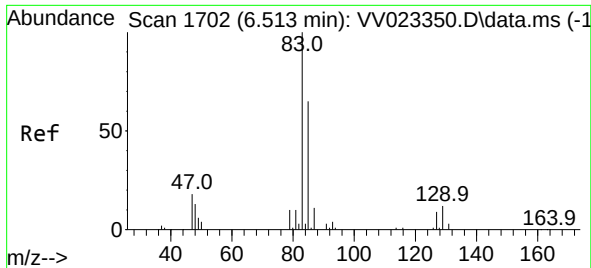


#34
Trichloroethene
Concen: 2512.902 ug/L m
RT: 5.931 min Scan# 1521
Delta R.T. 0.013 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

Tgt Ion: 95 Resp:24002657

Ion	Ratio	Lower	Upper
95	100		
97	72.8	45.0	83.6
132	98.3	69.7	129.4
130	100.0	73.7	136.9





#38

Bromodichloromethane

Concen: 0.140 ug/L

RT: 6.526 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV023359.D

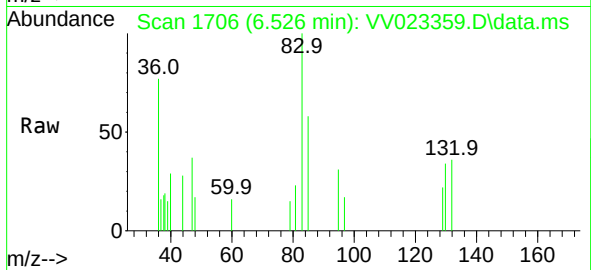
Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

ClientSampleId :

GB880



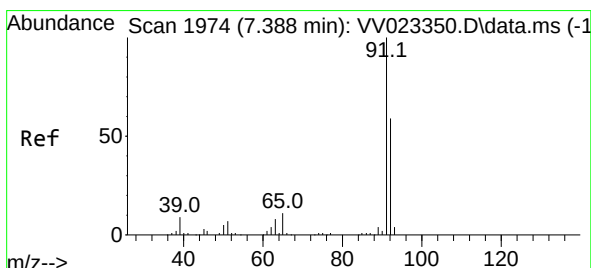
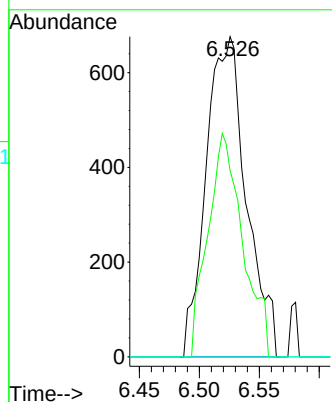
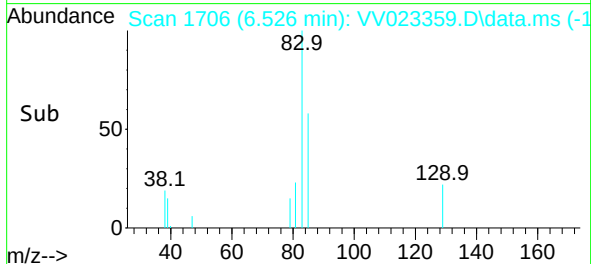
Tgt Ion: 83	Resp: 1570
Ion Ratio	Lower Upper
83	100
85	58.1 46.1 85.7
127	0.0 7.2 10.8

Manual Integrations

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#42

Toluene

Concen: 0.120 ug/L

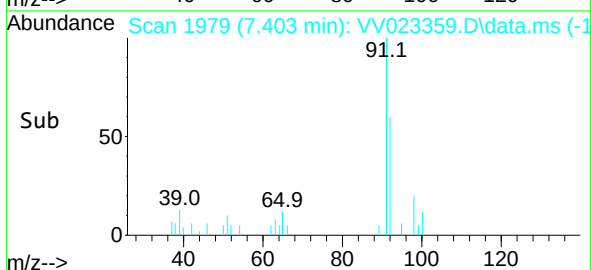
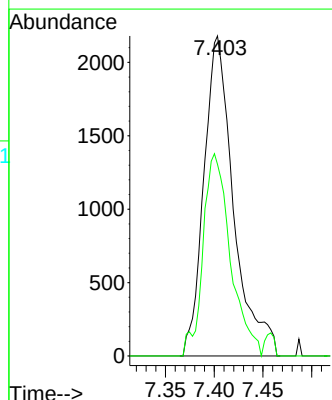
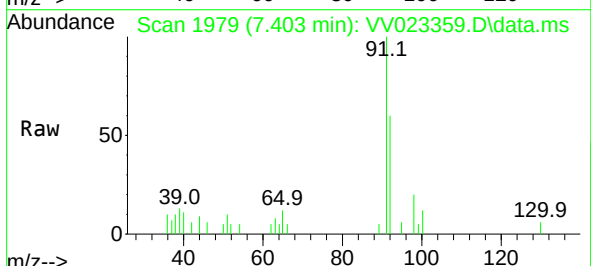
RT: 7.403 min Scan# 1979

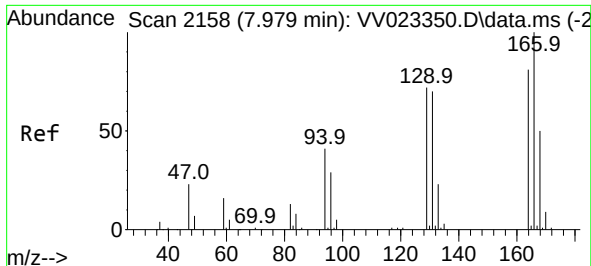
Delta R.T. 0.016 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Tgt Ion: 91	Resp: 4626
Ion Ratio	Lower Upper
91	100
92	59.9 39.3 72.9





#47

Tetrachloroethene

Concen: 3.560 ug/L

RT: 7.976 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023359.D

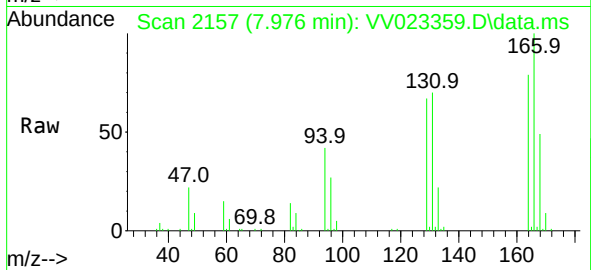
Acq: 11 Nov 2021 02:34

Instrument :

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Tgt Ion:164 Resp: 2947

Ion Ratio Lower Upper

164 100

129 85.5 64.0 119.0

131 88.8 63.4 117.8

166 127.3 89.3 165.9

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