

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031546.D
 Acq On : 15 Jun 2023 22:19
 Operator : SY/MD
 Sample : 03249-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:17:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	250339	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	245432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59810	35.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.800%		
7) Chloroethane-d5	1.539	69	58013	39.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.820%		
11) 1,1-Dichloroethene-d2	2.066	65	32379	37.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.420%		
21) 2-Butanone-d5	3.799	46	112671	83.517	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.520%		
24) Chloroform-d	4.259	84	157947	37.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.700%		
26) 1,2-Dichloroethane-d4	4.950	65	111467	42.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
32) Benzene-d6	4.969	84	294089	42.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.140%		
36) 1,2-Dichloropropane-d6	5.995	67	106344	43.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.860%		
41) Toluene-d8	7.249	98	249947	39.427	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.860%#		
43) trans-1,3-Dichloroprop...	7.558	79	47924	40.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.300%		
47) 2-Hexanone-d5	8.030	63	84667	87.578	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.580%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148813	40.265	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.540%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108722	47.604	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	7215	1.746	ug/L	97
12) 1,1-Dichloroethene	2.076	96	190711m	102.957	ug/L	
17) trans-1,2-Dichloroethene	2.706	96	8361	4.324	ug/L	91
19) 1,1-Dichloroethane	3.121	63	545888	130.812	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	132535	63.428	ug/L	100
25) Chloroform	4.288	83	20582	4.745	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	1411615	358.733	ug/L	100
34) Trichloroethene	5.841	95	111890	51.243	ug/L	100
45) 1,1,2-Trichloroethane	7.783	97	4069	1.795	ug/L	97
46) Tetrachloroethene	7.911	164	133530	77.917	ug/L	99

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

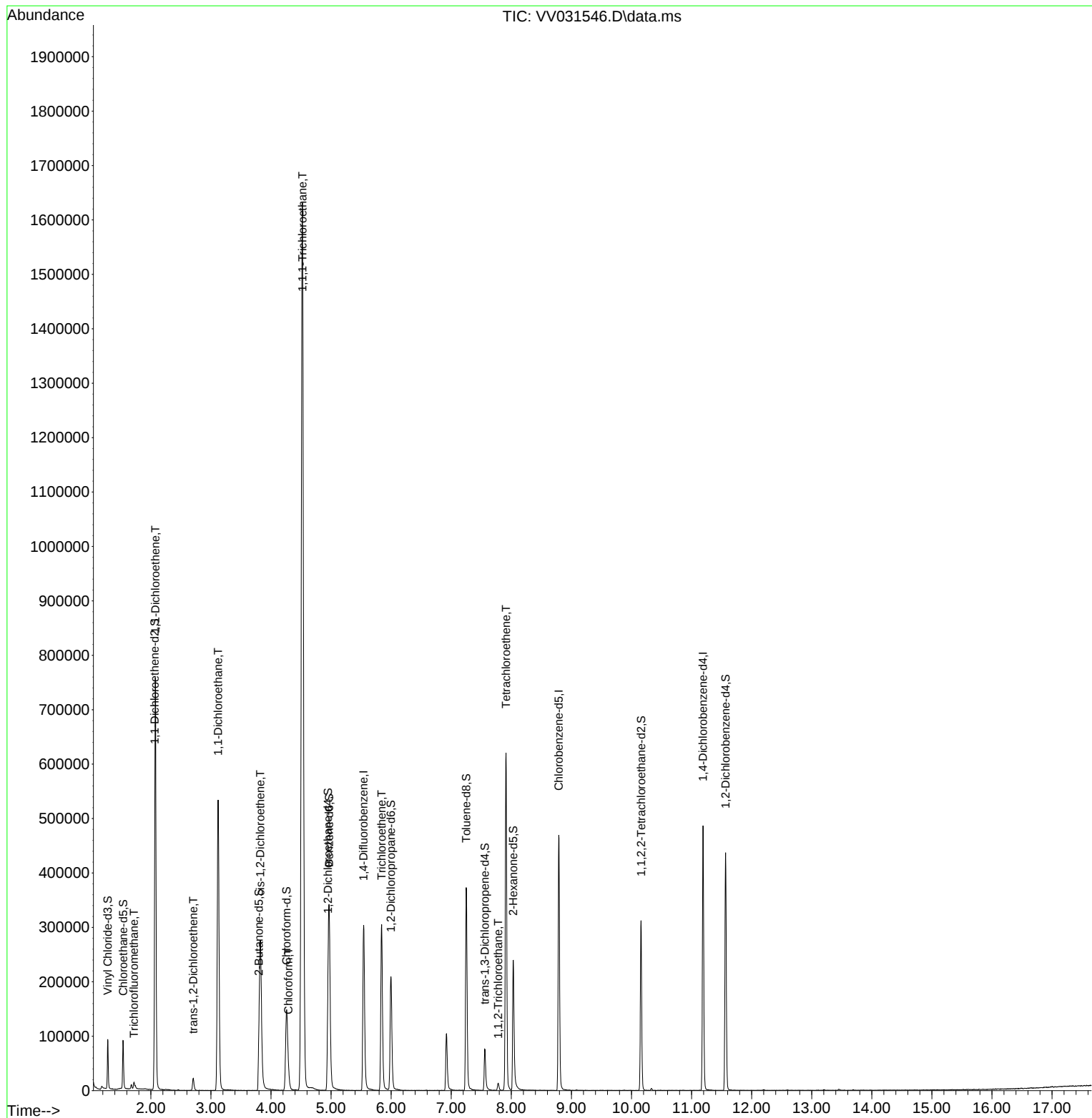
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031546.D
Acq On : 15 Jun 2023 22:19
Operator : SY/MD
Sample : 03249-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

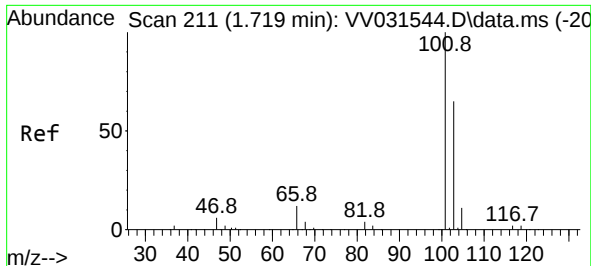
Instrument :
MSVOA_V
ClientSampleId :
EXYW0

Quant Time: Jun 16 06:17:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 05:51:14 2023
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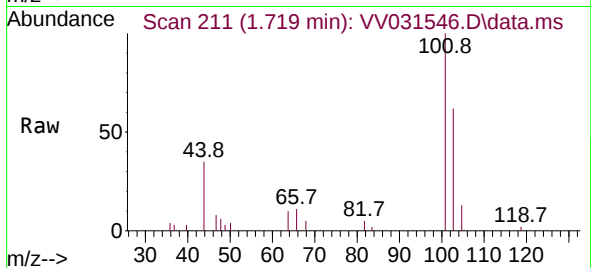
Reviewed By : John Carlone 06/16/2023
Supervised By : Mahesh Dadoda 06/16/2023





#9
 Trichlorofluoromethane
 Concen: 1.746 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV031546.D
 Acq: 15 Jun 2023 22:19

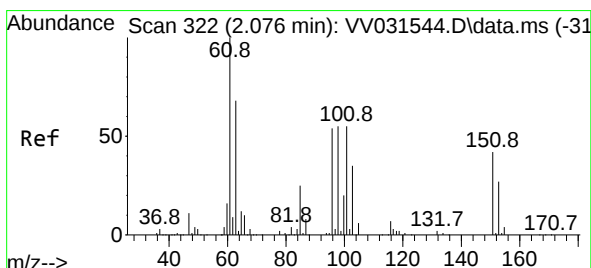
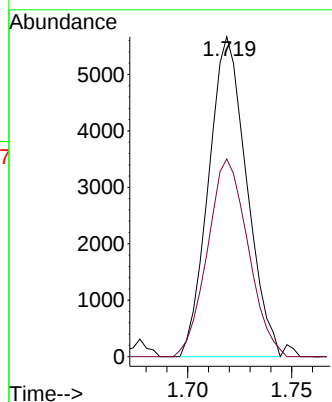
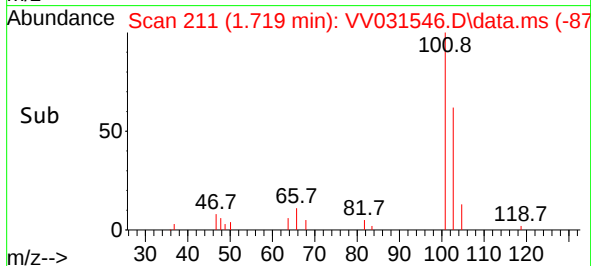
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW0



Tgt Ion:101 Resp: 721
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.9 76.3

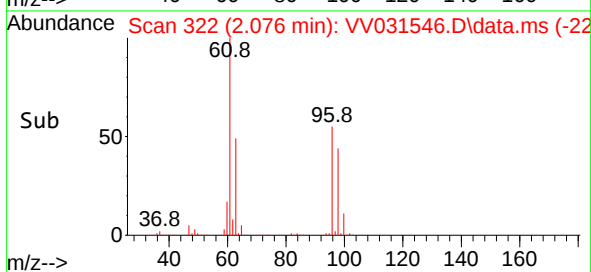
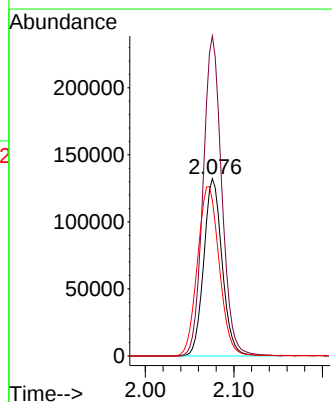
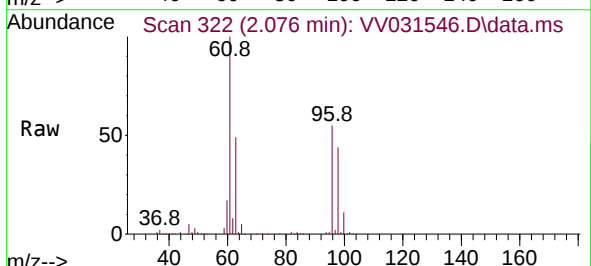
Manual Integrations
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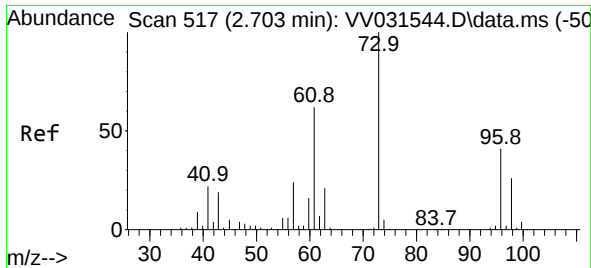
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#12
 1,1-Dichloroethene
 Concen: 102.957 ug/L m
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV031546.D
 Acq: 15 Jun 2023 22:19

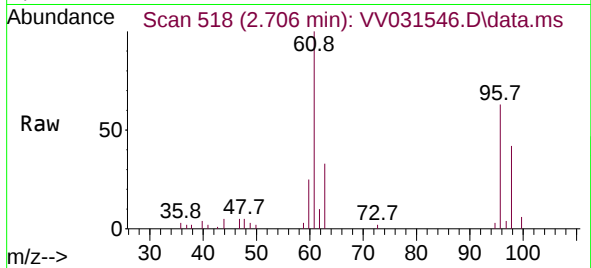
Tgt Ion: 96 Resp: 190711
 Ion Ratio Lower Upper
 96 100
 61 180.6 128.9 239.5
 63 88.0 95.3 177.1#





#17
trans-1,2-Dichloroethene
Concen: 4.324 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19

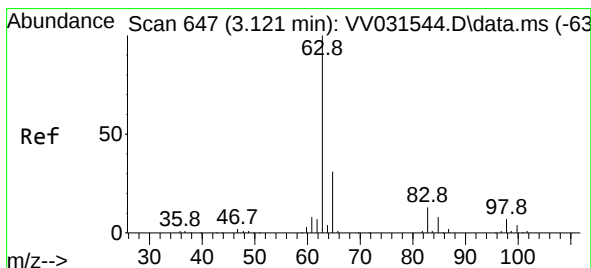
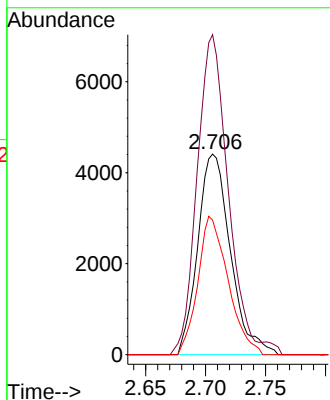
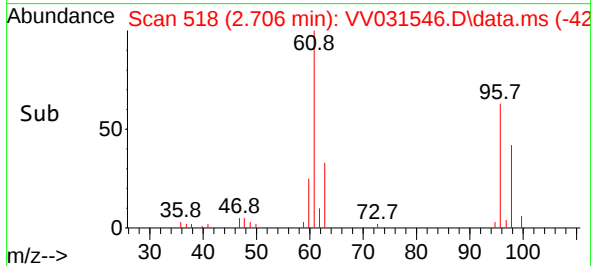
Instrument :
MSVOA_V
ClientSampleId :
EXYW0



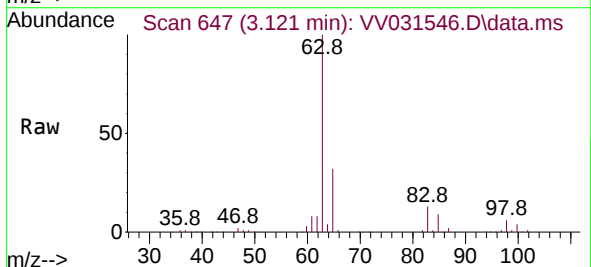
Tgt Ion: 96 Resp: 836
Ion Ratio Lower Upper
96 100
61 159.5 102.5 190.3
98 67.1 44.1 81.9

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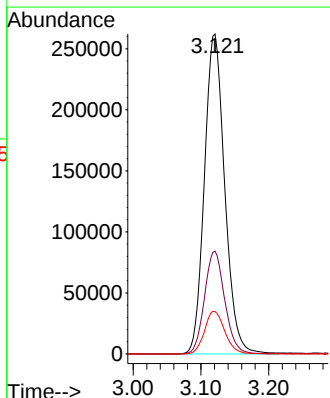
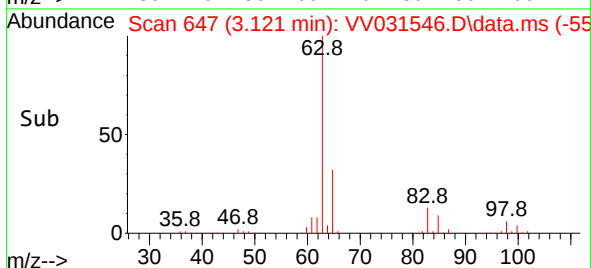
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

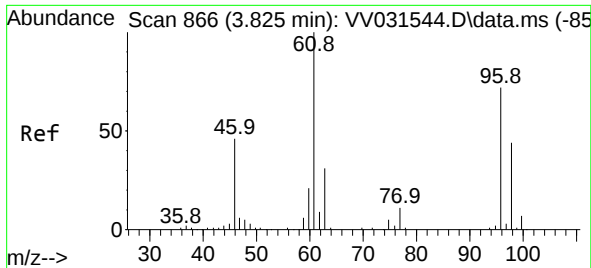


#19
1,1-Dichloroethane
Concen: 130.812 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19



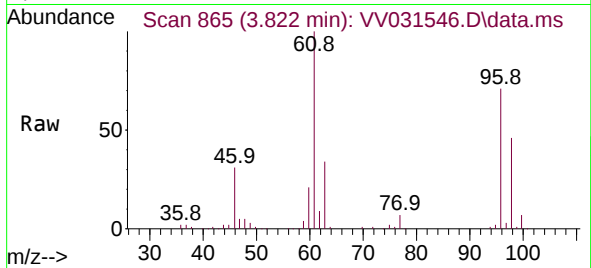
Tgt Ion: 63 Resp: 545888
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 13.3 10.0 18.6





#20
cis-1,2-Dichloroethene
Concen: 63.428 ug/L
RT: 3.822 min Scan# 80
Delta R.T. -0.003 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19

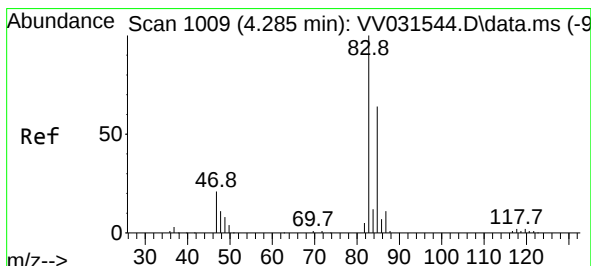
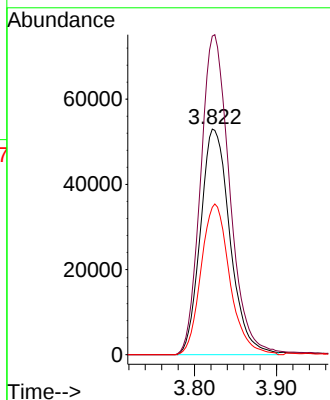
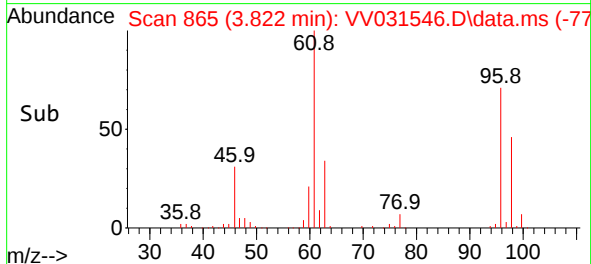
Instrument :
MSVOA_V
ClientSampleId :
EXYW0



Tgt Ion: 96 Resp: 13253
Ion Ratio Lower Upper
96 100
61 141.3 98.6 183.0
98 65.3 45.7 84.9

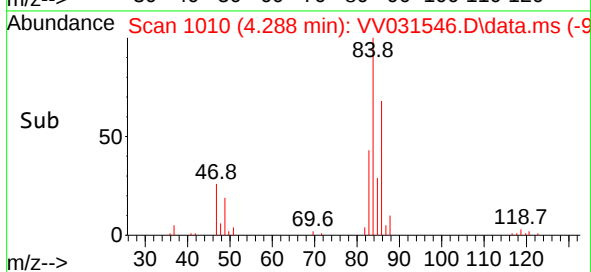
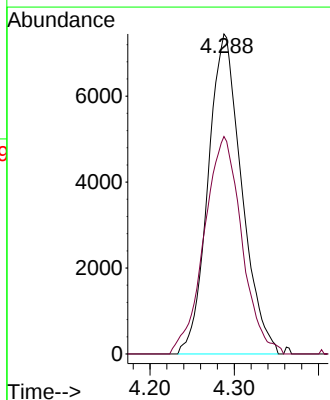
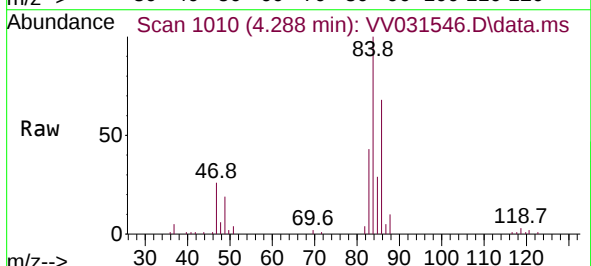
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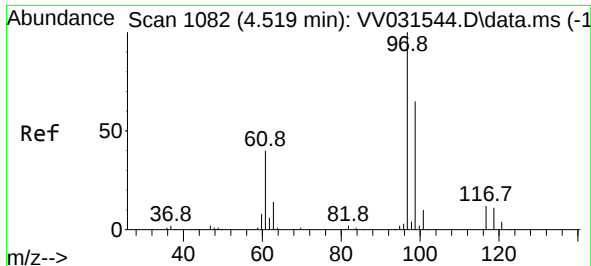
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#25
Chloroform
Concen: 4.745 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19

Tgt Ion: 83 Resp: 20582
Ion Ratio Lower Upper
83 100
85 67.9 45.3 84.1





#30

1,1,1-Trichloroethane

Concen: 358.733 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031546.D

Acq: 15 Jun 2023 22:19

Instrument :

MSVOA_V

ClientSampleId :

EXYW0

Tgt Ion: 97 Resp: 141161

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

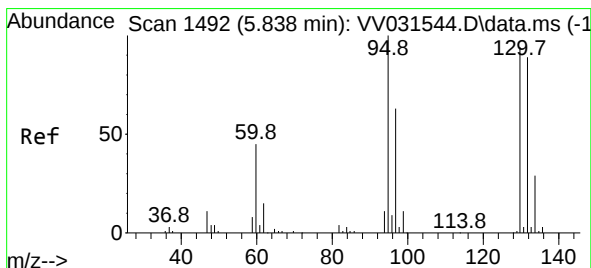
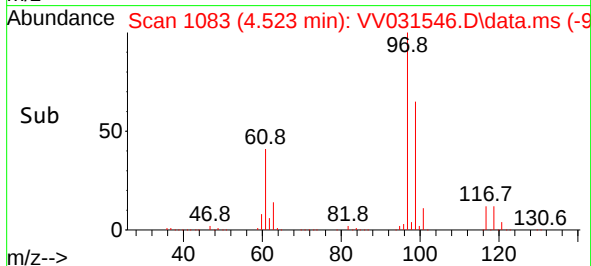
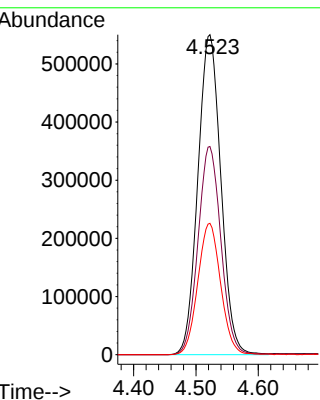
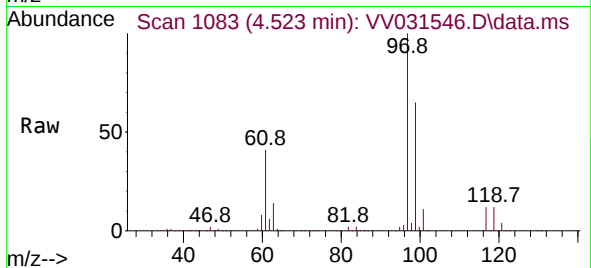
61 40.7 33.0 49.6

Manual Integrations

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#34

Trichloroethene

Concen: 51.243 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031546.D

Acq: 15 Jun 2023 22:19

Tgt Ion: 95 Resp: 111890

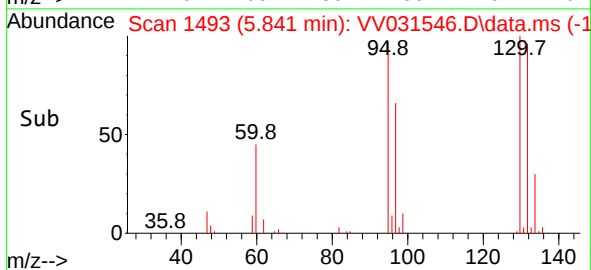
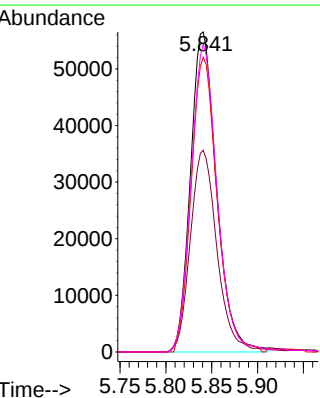
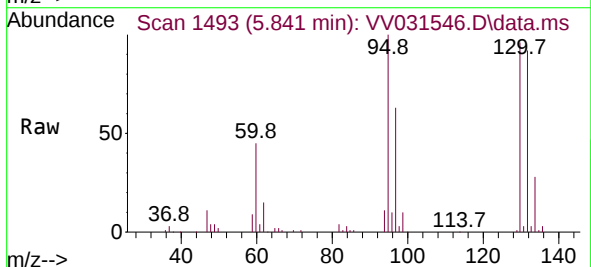
Ion Ratio Lower Upper

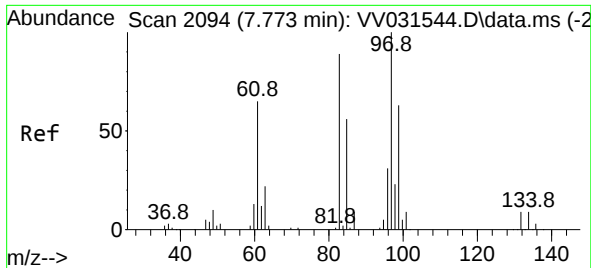
95 100

97 65.9 46.8 86.8

132 95.1 66.4 123.2

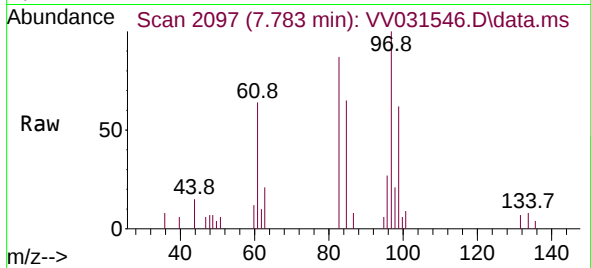
130 99.4 69.7 129.4





#45
1,1,2-Trichloroethane
Concen: 1.795 ug/L
RT: 7.783 min Scan# 2094
Delta R.T. 0.010 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19

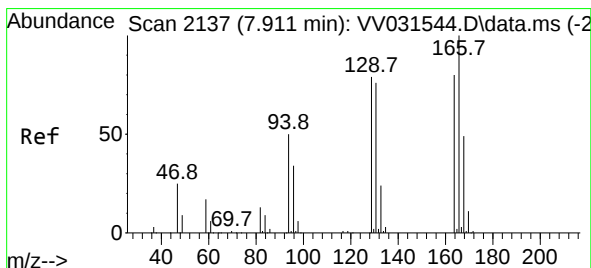
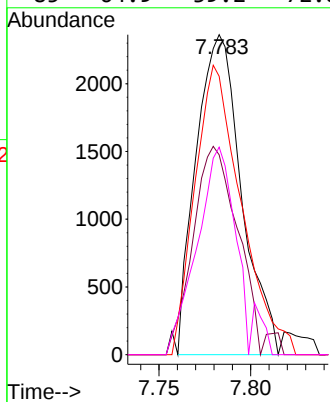
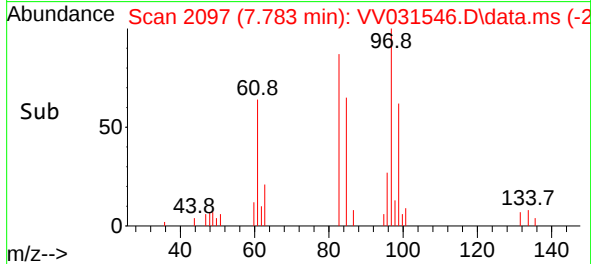
Instrument :
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EXYW0



Tgt Ion:	97	Resp:	4069
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.7	81.1
83	87.0	60.9	113.1
85	64.9	39.2	72.8

Manual Integrations
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Supervised By :Mahesh Dadoda 06/16/2023



#46
Tetrachloroethene
Concen: 77.917 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031546.D
Acq: 15 Jun 2023 22:19

Tgt Ion:	164	Resp:	133530
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.4	127.0
131	95.0	67.6	125.6
166	128.8	91.3	169.5

