

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030604.D
 Acq On : 17 Apr 2023 21:26
 Operator : SY/MD
 Sample : 02360-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 02:53:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

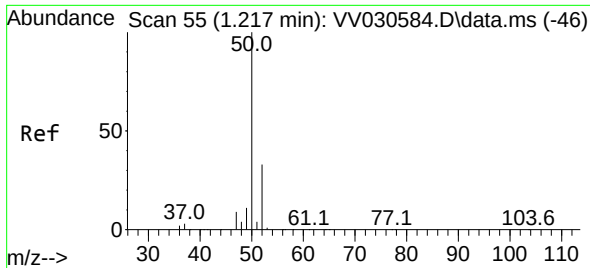
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	195282	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	189221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	85741	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	56781	39.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.320%		
7) Chloroethane-d5	1.532	69	58265	48.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.140%		
11) 1,1-Dichloroethene-d2	2.063	65	26894	39.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.220%		
21) 2-Butanone-d5	3.802	46	84405	107.344	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.340%		
24) Chloroform-d	4.262	84	122103	47.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.140%		
26) 1,2-Dichloroethane-d4	4.953	65	88508	53.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.120%		
32) Benzene-d6	4.969	84	221895	49.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.200%		
36) 1,2-Dichloropropane-d6	6.001	67	70839	50.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.960%		
41) Toluene-d8	7.252	98	181690	43.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.520%		
43) trans-1,3-Dichloroprop...	7.561	79	33180	47.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.740%		
47) 2-Hexanone-d5	8.034	63	52214	95.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.380%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	96555	47.883	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.760%		
66) 1,2-Dichlorobenzene-d4	11.570	152	70978	52.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.160%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	16761	7.610	ug/L	94
6) Bromomethane	1.494	94	3404	4.835	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	16839	11.134	ug/L	95
12) 1,1-Dichloroethene	2.072	96	6816	4.985	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	17960	11.960	ug/L	97
25) Chloroform	4.285	83	7765	2.666	ug/L	95
30) 1,1,1-Trichloroethane	4.522	97	73461	27.629	ug/L	99
31) Carbon tetrachloride	4.748	117	3804	1.600	ug/L	95
34) Trichloroethene	5.847	95	27382556m	18320.937	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	15153	9.771	ug/L	95
46) Tetrachloroethene	7.915	164	2636	2.015	ug/L	94

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

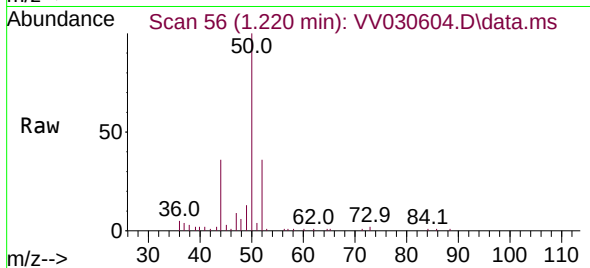
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Supervised By :Mahesh Dadoda 04/18/2023

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#3
Chloromethane
Concen: 7.610 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030604.D
Acq: 17 Apr 2023 21:26

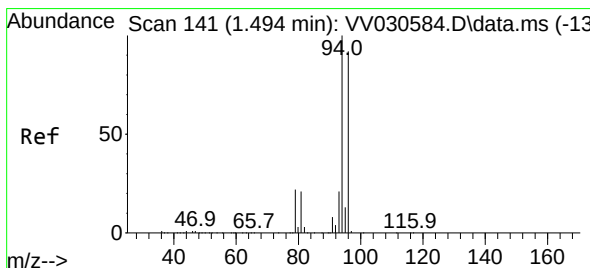
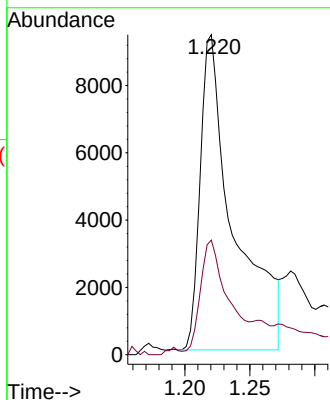
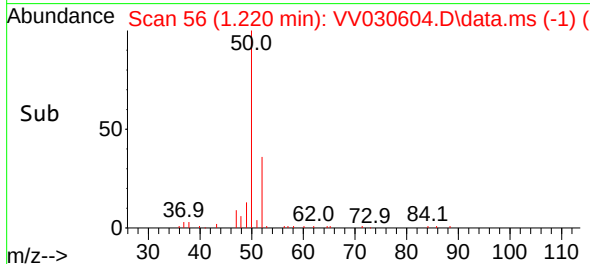
Instrument :
MSVOA_V
ClientSampleId :
C0AP4



Tgt Ion: 50 Resp: 1676
Ion Ratio Lower Upper
50 100
52 35.8 22.5 41.9

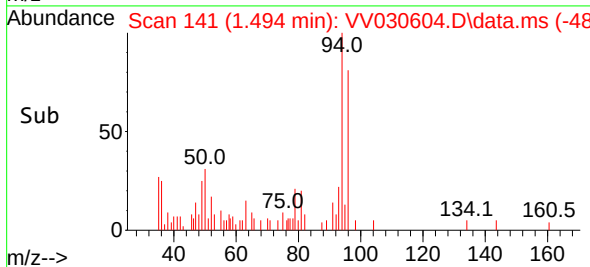
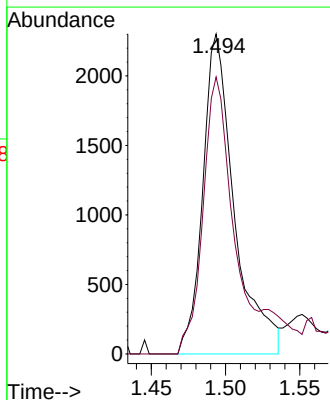
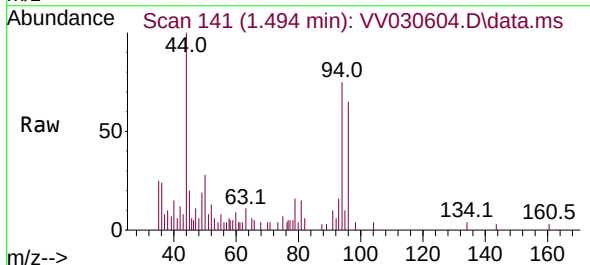
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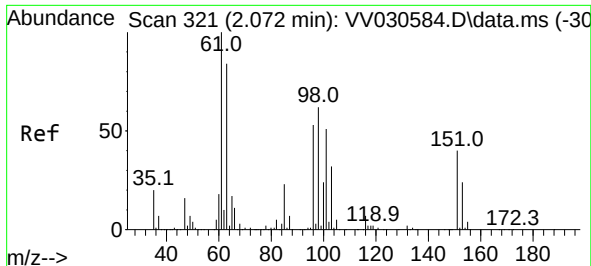
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Supervised By :Mahesh Dadoda 04/18/2023



#6
Bromomethane
Concen: 4.835 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV030604.D
Acq: 17 Apr 2023 21:26

Tgt Ion: 94 Resp: 3404
Ion Ratio Lower Upper
94 100
96 86.5 66.3 123.1





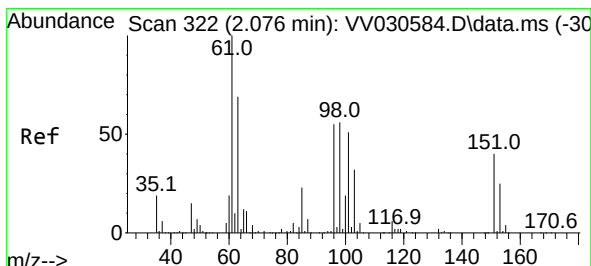
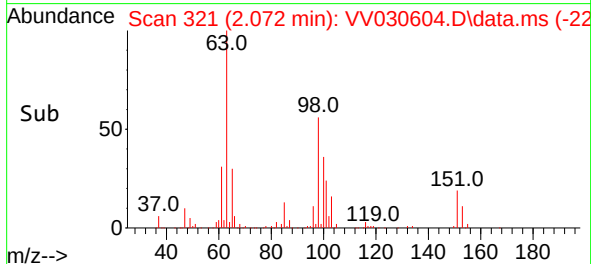
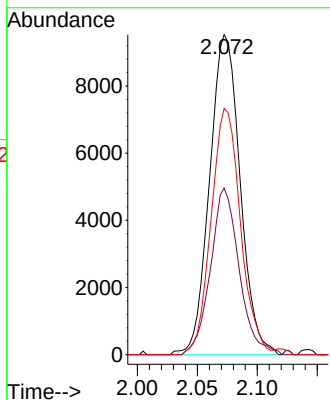
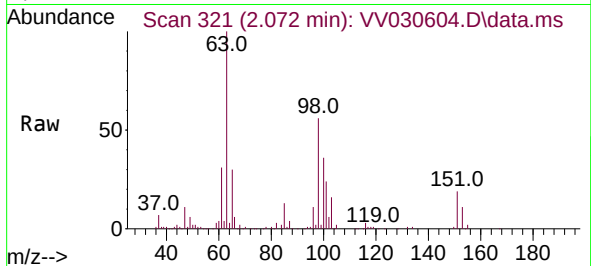
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.134 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030604.D
 Acq: 17 Apr 2023 21:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Tgt Ion: 101 Resp: 16839
 Ion Ratio Lower Upper
 101 100
 85 48.9 37.5 56.3
 151 74.1 63.5 95.3

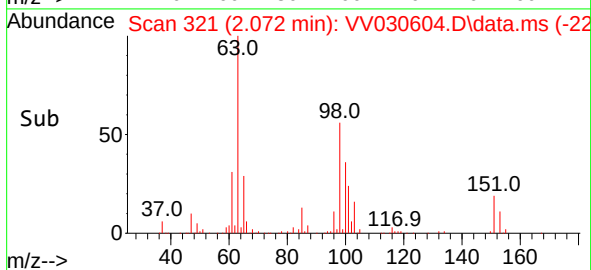
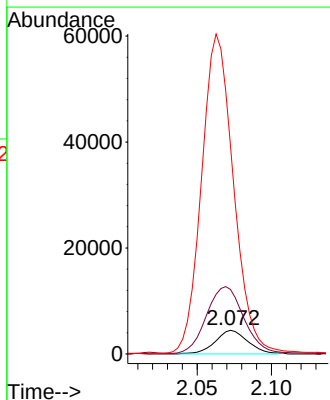
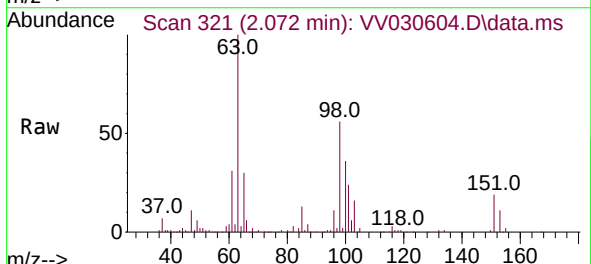
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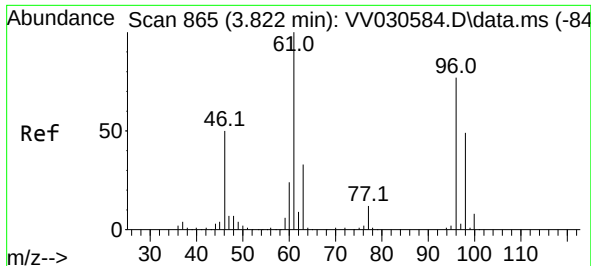
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#12
 1,1-Dichloroethene
 Concen: 4.985 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030604.D
 Acq: 17 Apr 2023 21:26

Tgt Ion: 96 Resp: 6816
 Ion Ratio Lower Upper
 96 100
 61 272.4 131.9 245.0#
 63 877.7 99.8 185.3#





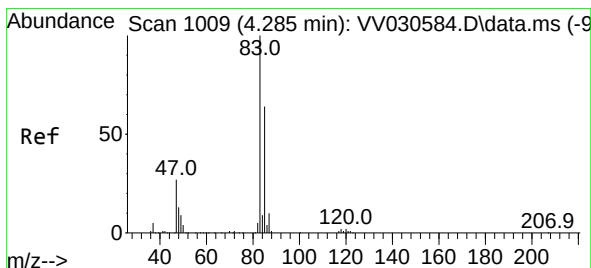
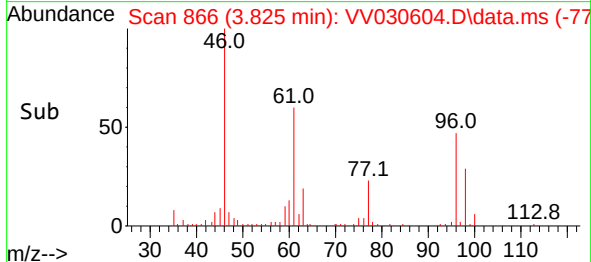
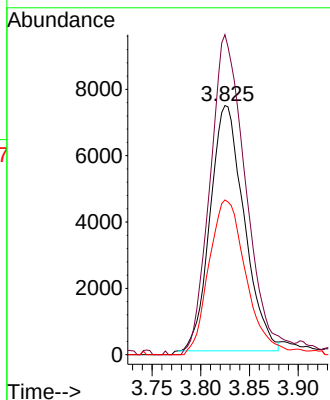
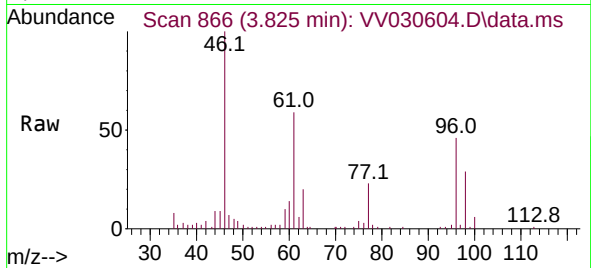
#20
 cis-1,2-Dichloroethene
 Concen: 11.960 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030604.D
 Acq: 17 Apr 2023 21:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Tgt Ion: 96 Resp: 17960
 Ion Ratio Lower Upper
 96 100
 61 128.4 92.3 171.3
 98 62.1 45.9 85.3

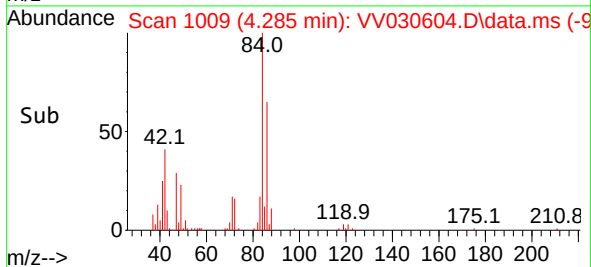
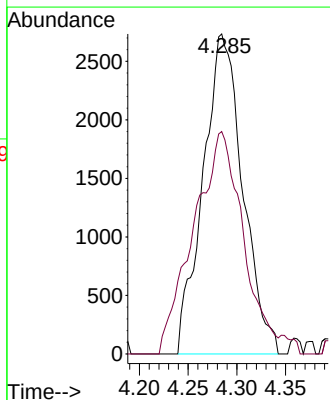
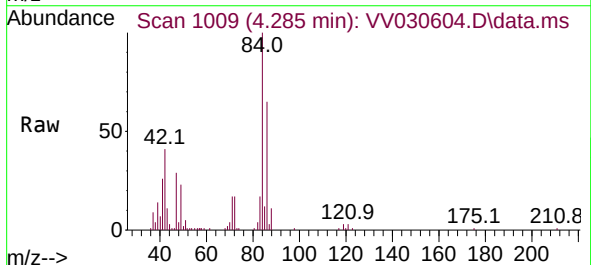
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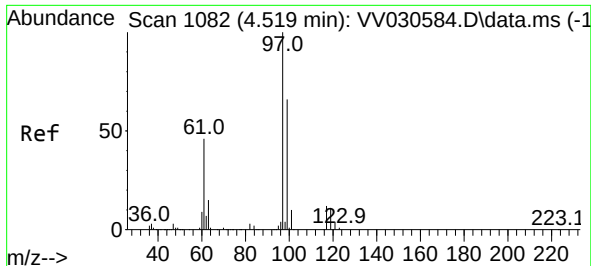
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#25
 Chloroform
 Concen: 2.666 ug/L
 RT: 4.285 min Scan# 1009
 Delta R.T. -0.000 min
 Lab File: VV030604.D
 Acq: 17 Apr 2023 21:26

Tgt Ion: 83 Resp: 7765
 Ion Ratio Lower Upper
 83 100
 85 69.5 45.8 85.2





#30

1,1,1-Trichloroethane

Concen: 27.629 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030604.D

Acq: 17 Apr 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

C0AP4

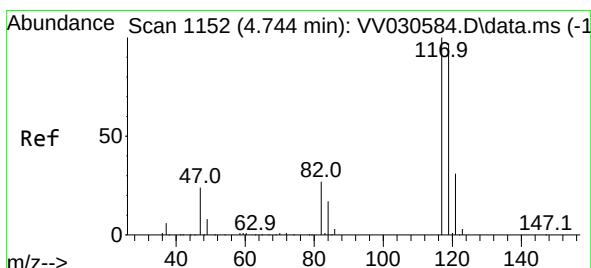
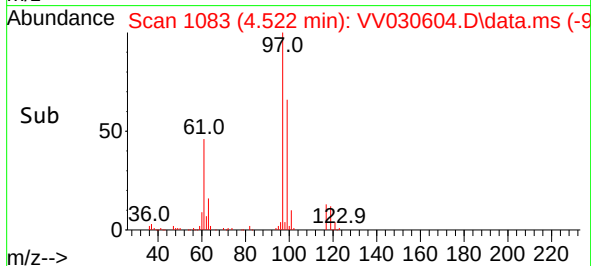
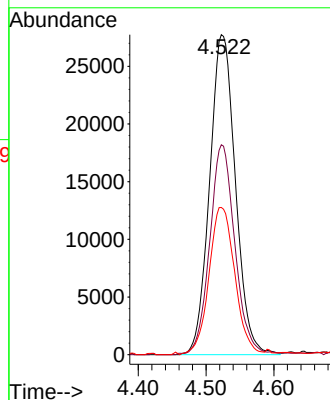
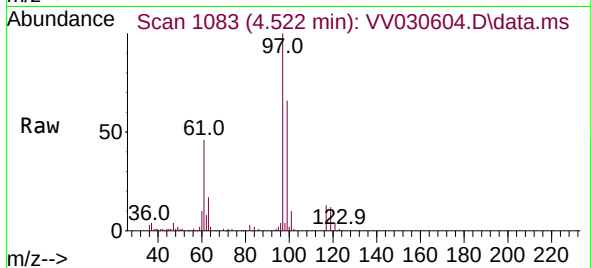
Tgt Ion:	97	Resp:	7346
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	46.1	37.0	55.6

Manual Integrations

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Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#31

Carbon tetrachloride

Concen: 1.600 ug/L

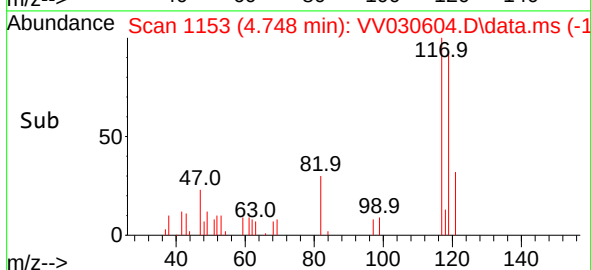
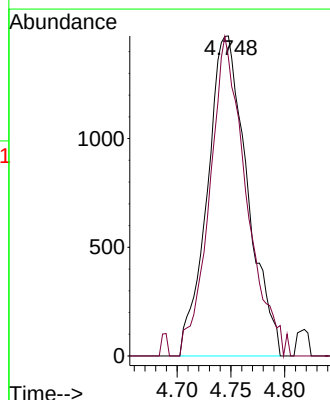
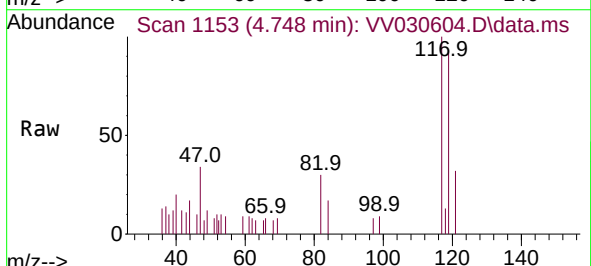
RT: 4.748 min Scan# 1153

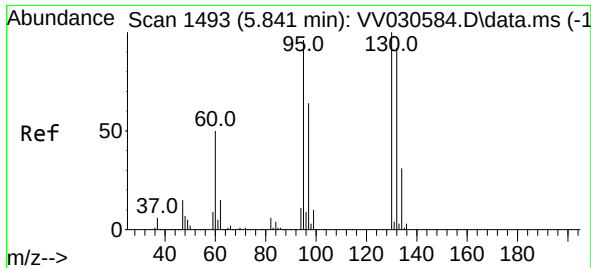
Delta R.T. 0.003 min

Lab File: VV030604.D

Acq: 17 Apr 2023 21:26

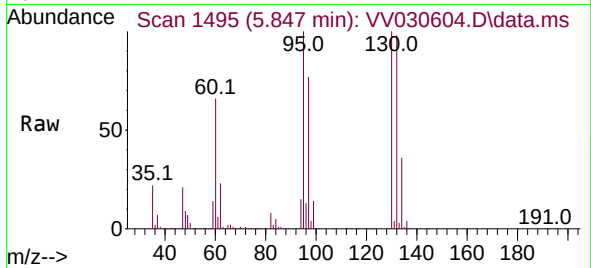
Tgt Ion:	117	Resp:	3804
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.9	113.9





#34
Trichloroethene
Concen: 18320.937 ug/L m
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030604.D
Acq: 17 Apr 2023 21:26

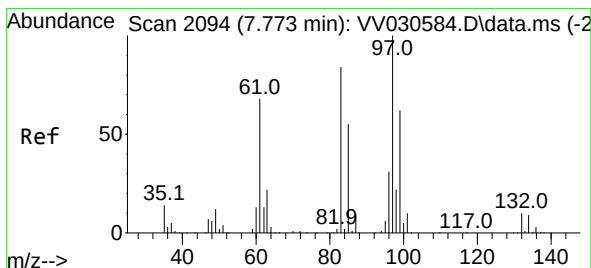
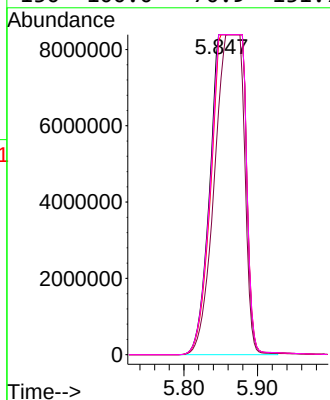
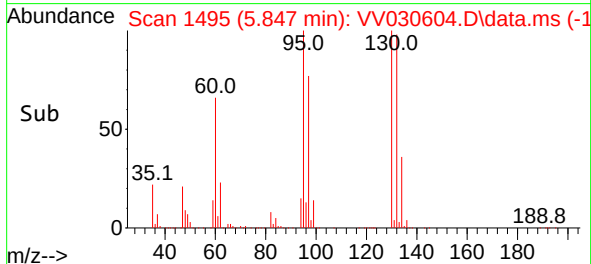
Instrument :
MSVOA_V
ClientSampleId :
C0AP4



Tgt Ion: 95 Resp: 2738255
Ion Ratio Lower Upper
95 100
97 76.8 45.8 85.2
132 98.0 70.6 131.2
130 100.0 70.9 131.7

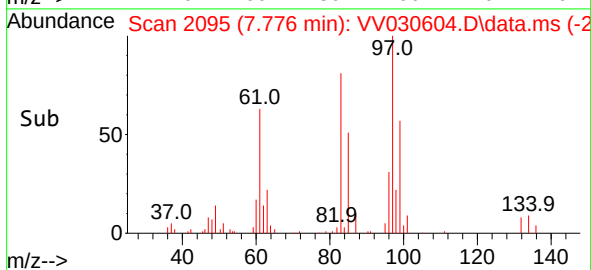
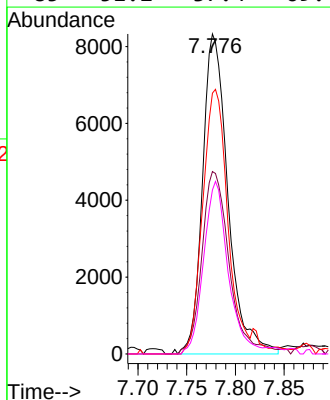
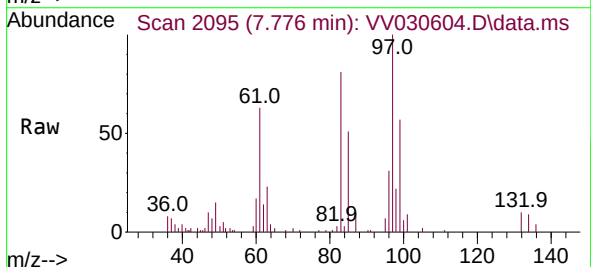
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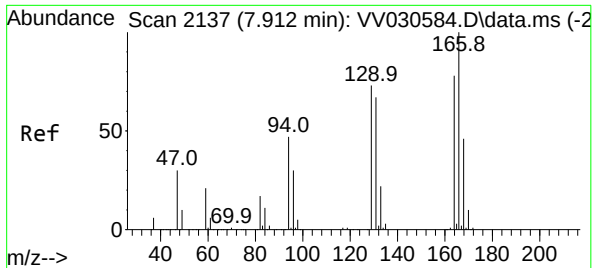
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#45
1,1,2-Trichloroethane
Concen: 9.771 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030604.D
Acq: 17 Apr 2023 21:26

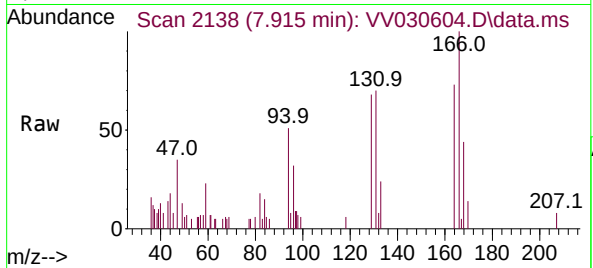
Tgt Ion: 97 Resp: 15153
Ion Ratio Lower Upper
97 100
99 57.0 43.8 81.4
83 81.5 59.6 110.6
85 51.2 37.4 69.4





#46
 Tetrachloroethene
 Concen: 2.015 ug/L
 RT: 7.915 min Scan# 2138
 Delta R.T. 0.003 min
 Lab File: VV030604.D
 Acq: 17 Apr 2023 21:26

Instrument : MSVOA_V
 ClientSampleId : C0AP4



Tgt Ion:164 Resp: 2630

Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.8	118.6
131	96.0	60.3	111.9
166	136.3	89.5	166.1

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