

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030606.D
 Acq On : 17 Apr 2023 22:14
 Operator : SY/MD
 Sample : 02360-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9

Quant Time: Apr 18 02:53:54 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	221828	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	212788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	77090	47.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.820%		
7) Chloroethane-d5	1.532	69	61832	45.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.740%		
11) 1,1-Dichloroethene-d2	2.063	65	36574	47.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.860%		
21) 2-Butanone-d5	3.799	46	85529	95.757	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.760%		
24) Chloroform-d	4.262	84	139061	47.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.380%		
26) 1,2-Dichloroethane-d4	4.953	65	93935	49.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.160%		
32) Benzene-d6	4.969	84	254516	50.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.180%		
36) 1,2-Dichloropropane-d6	5.998	67	81542	52.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.360%		
41) Toluene-d8	7.252	98	220222	46.622	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.240%		
43) trans-1,3-Dichloroprop...	7.561	79	36294	46.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.160%		
47) 2-Hexanone-d5	8.034	63	55262	89.766	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.770%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	106072	46.777	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.560%		
66) 1,2-Dichlorobenzene-d4	11.570	152	83972	51.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.580%		
Target Compounds						
3) Chloromethane	1.220	50	14511	5.800	ug/L	99
6) Bromomethane	1.487	94	2946	3.683	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5849	3.404	ug/L #	85
12) 1,1-Dichloroethene	2.076	96	4598m	2.960	ug/L	
20) cis-1,2-Dichloroethene	3.834	96	8162	4.785	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	188348	62.993	ug/L	100
34) Trichloroethene	5.841	95	333643	198.508	ug/L	98

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

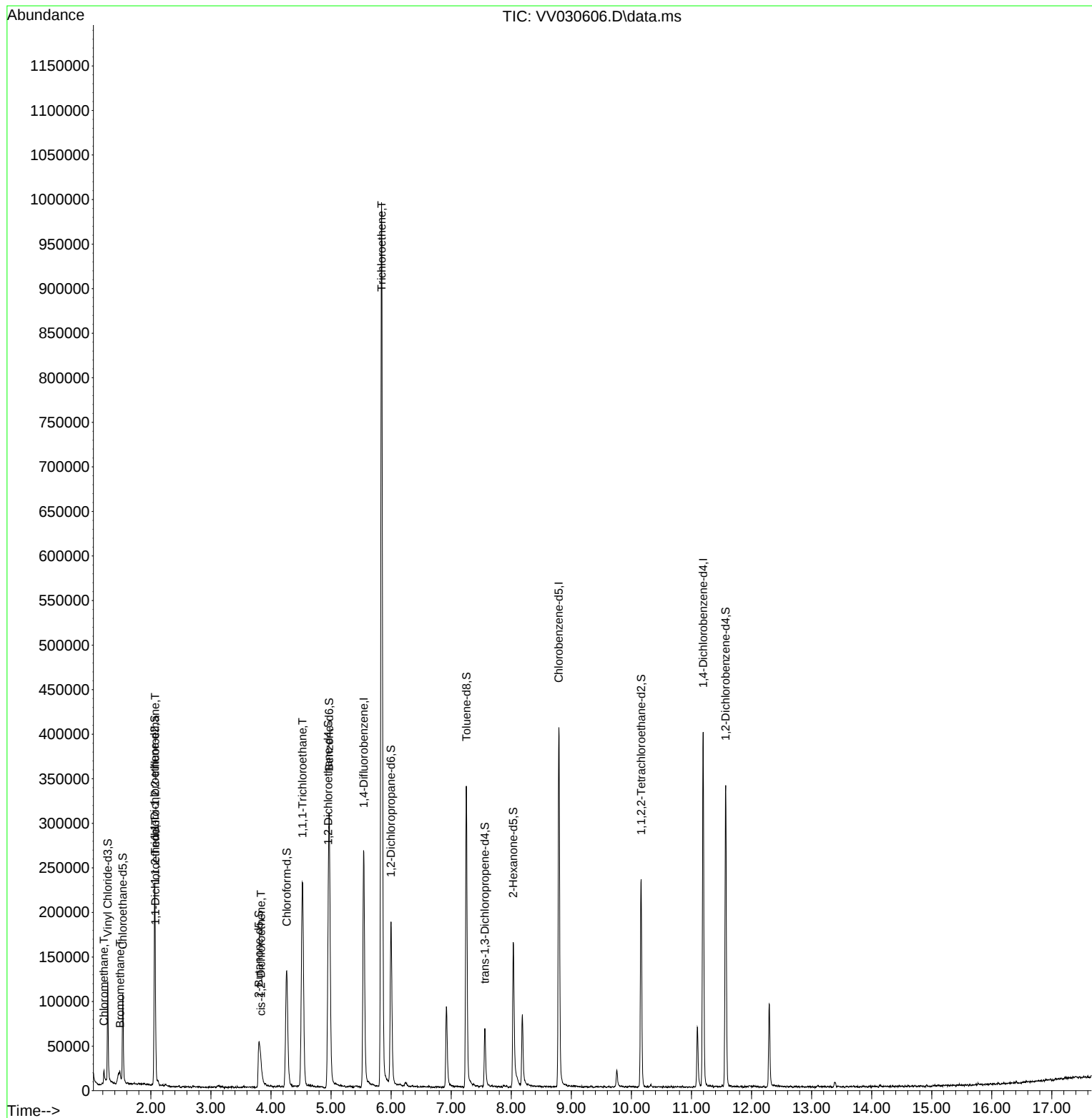
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030606.D
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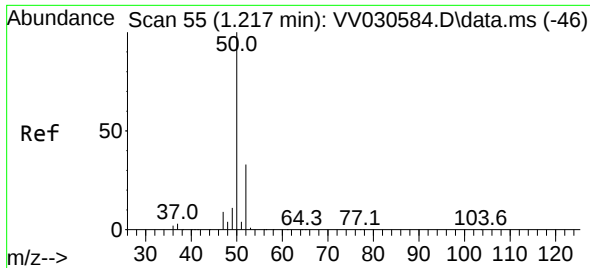
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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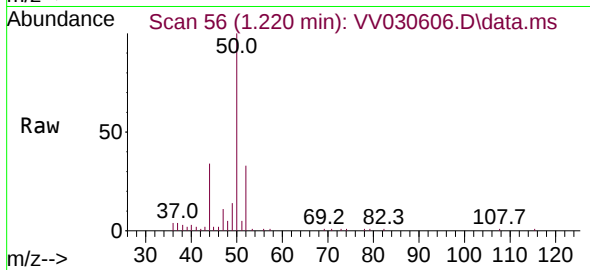
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023





#3
Chloromethane
Concen: 5.800 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030606.D
Acq: 17 Apr 2023 22:14

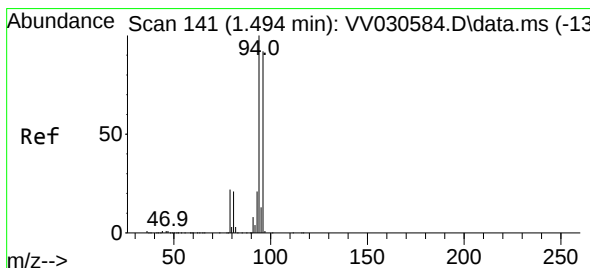
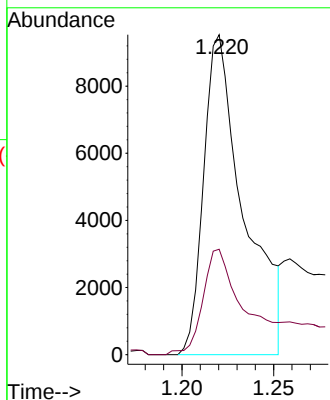
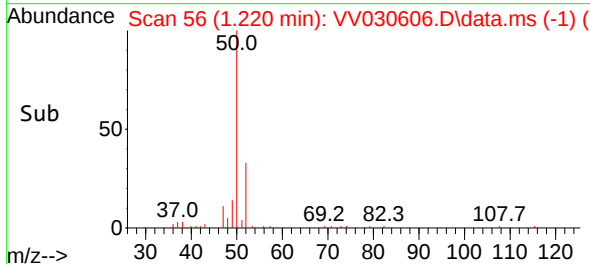
Instrument :
MSVOA_V
ClientSampleId :
C0AP9



Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

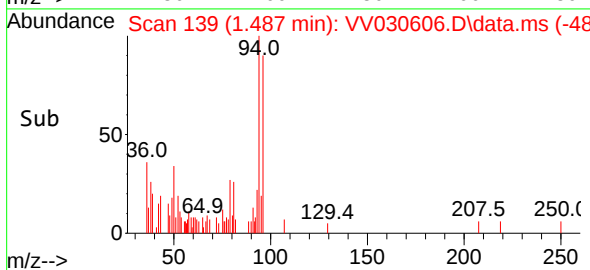
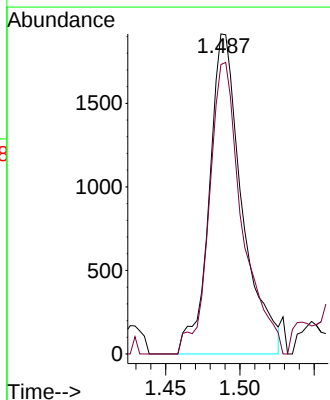
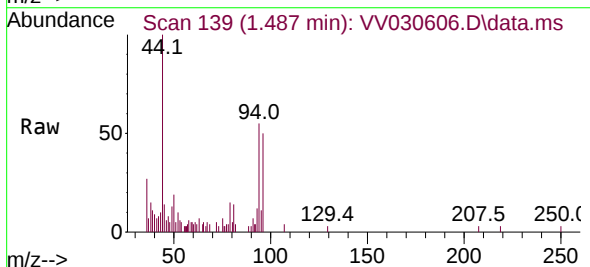
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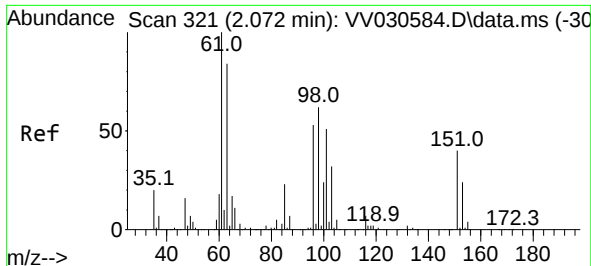
Reviewed By :John Carlone 04/18/2023
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#6
Bromomethane
Concen: 3.683 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.007 min
Lab File: VV030606.D
Acq: 17 Apr 2023 22:14

Tgt Ion: 94 Resp: 2946
Ion Ratio Lower Upper
94 100
96 90.4 66.3 123.1





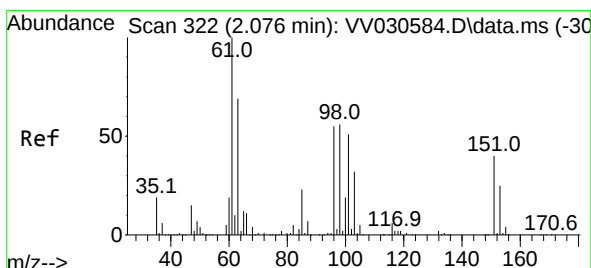
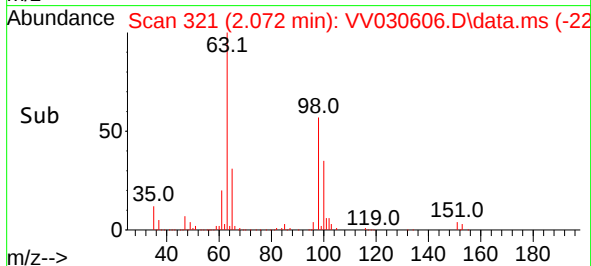
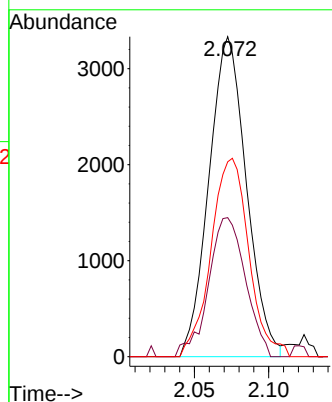
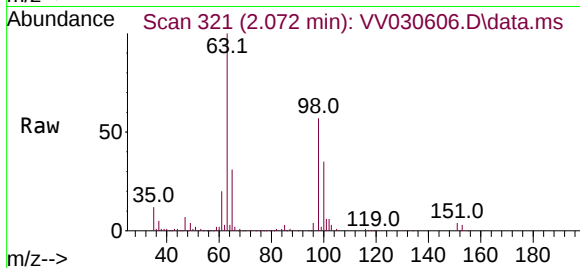
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.404 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030606.D
Acq: 17 Apr 2023 22:14

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ClientSampleId :
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Tgt Ion: 101 Resp: 5849
Ion Ratio Lower Upper
101 100
85 41.5 37.5 56.3
151 62.6 63.5 95.3

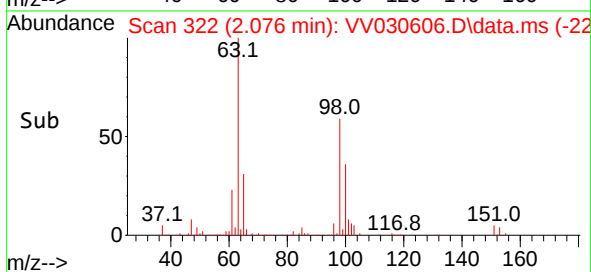
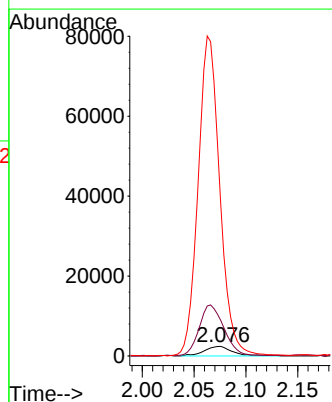
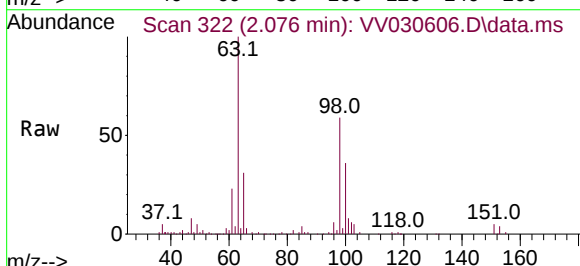
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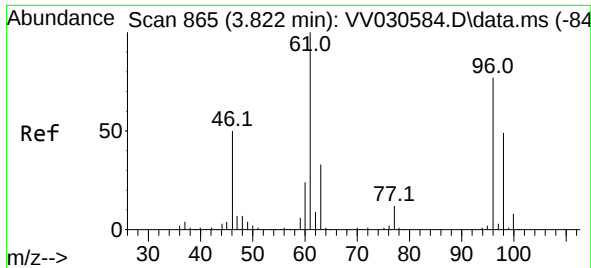
Reviewed By : John Carlone 04/18/2023
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#12
1,1-Dichloroethene
Concen: 2.960 ug/L m
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030606.D
Acq: 17 Apr 2023 22:14

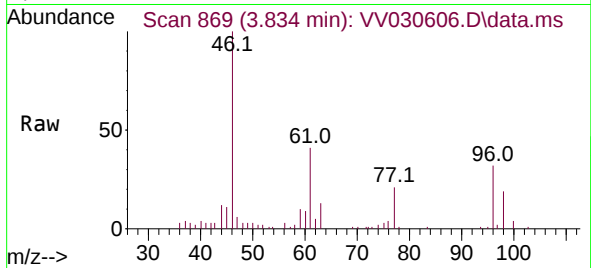
Tgt Ion: 96 Resp: 4598
Ion Ratio Lower Upper
96 100
61 371.9 131.9 245.0#
63 1590.7 99.8 185.3#





#20
 cis-1,2-Dichloroethene
 Concen: 4.785 ug/L
 RT: 3.834 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VV030606.D
 Acq: 17 Apr 2023 22:14

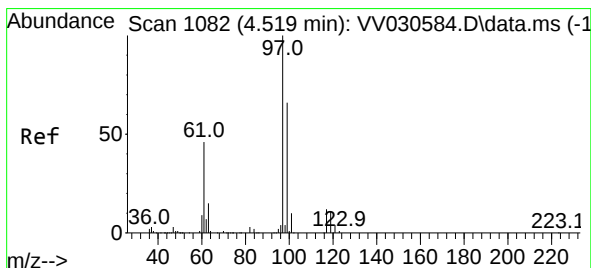
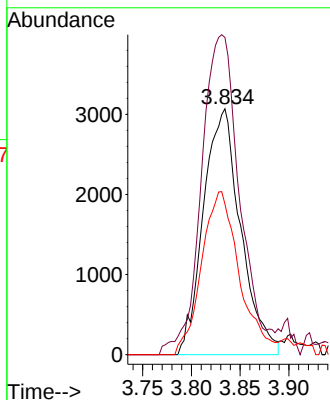
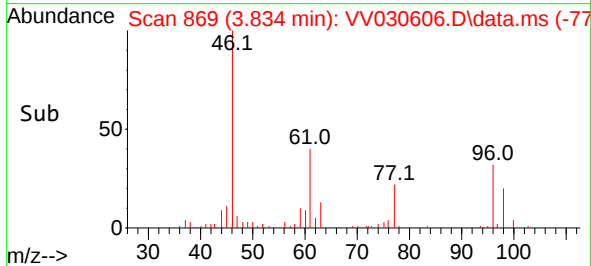
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9



Tgt Ion: 96 Resp: 816
 Ion Ratio Lower Upper
 96 100
 61 129.0 92.3 171.3
 98 61.3 45.9 85.3

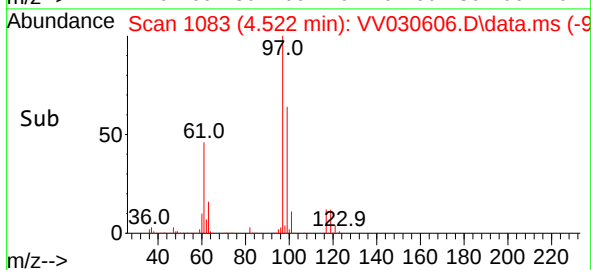
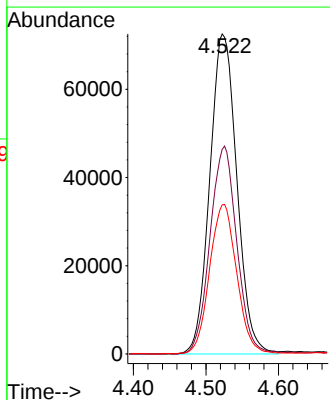
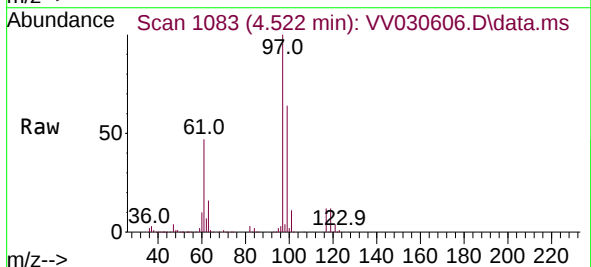
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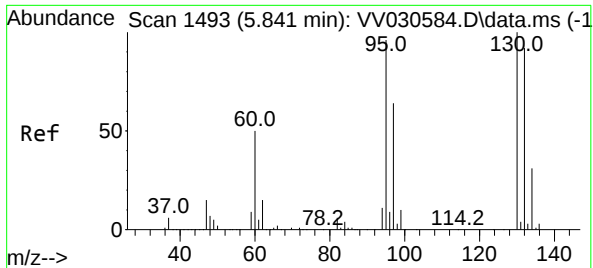
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#30
 1,1,1-Trichloroethane
 Concen: 62.993 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030606.D
 Acq: 17 Apr 2023 22:14

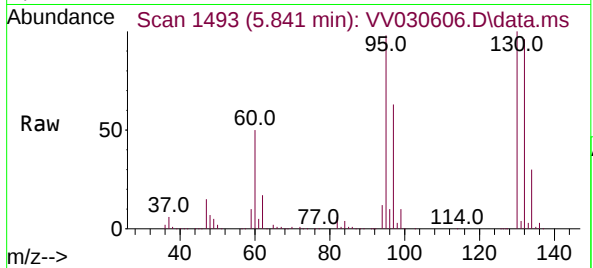
Tgt Ion: 97 Resp: 188348
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.0
 61 46.3 37.0 55.6





#34
 Trichloroethene
 Concen: 198.508 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VV030606.D
 Acq: 17 Apr 2023 22:14

Instrument : MSVOA_V
 ClientSampleId : C0AP9



Tgt Ion: 95 Resp: 33364

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.8	85.2
132	98.3	70.6	131.2
130	102.3	70.9	131.7

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