

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030605.D
 Acq On : 17 Apr 2023 21:51
 Operator : SY/MD
 Sample : 02360-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP8

Quant Time: Apr 18 02:53:41 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

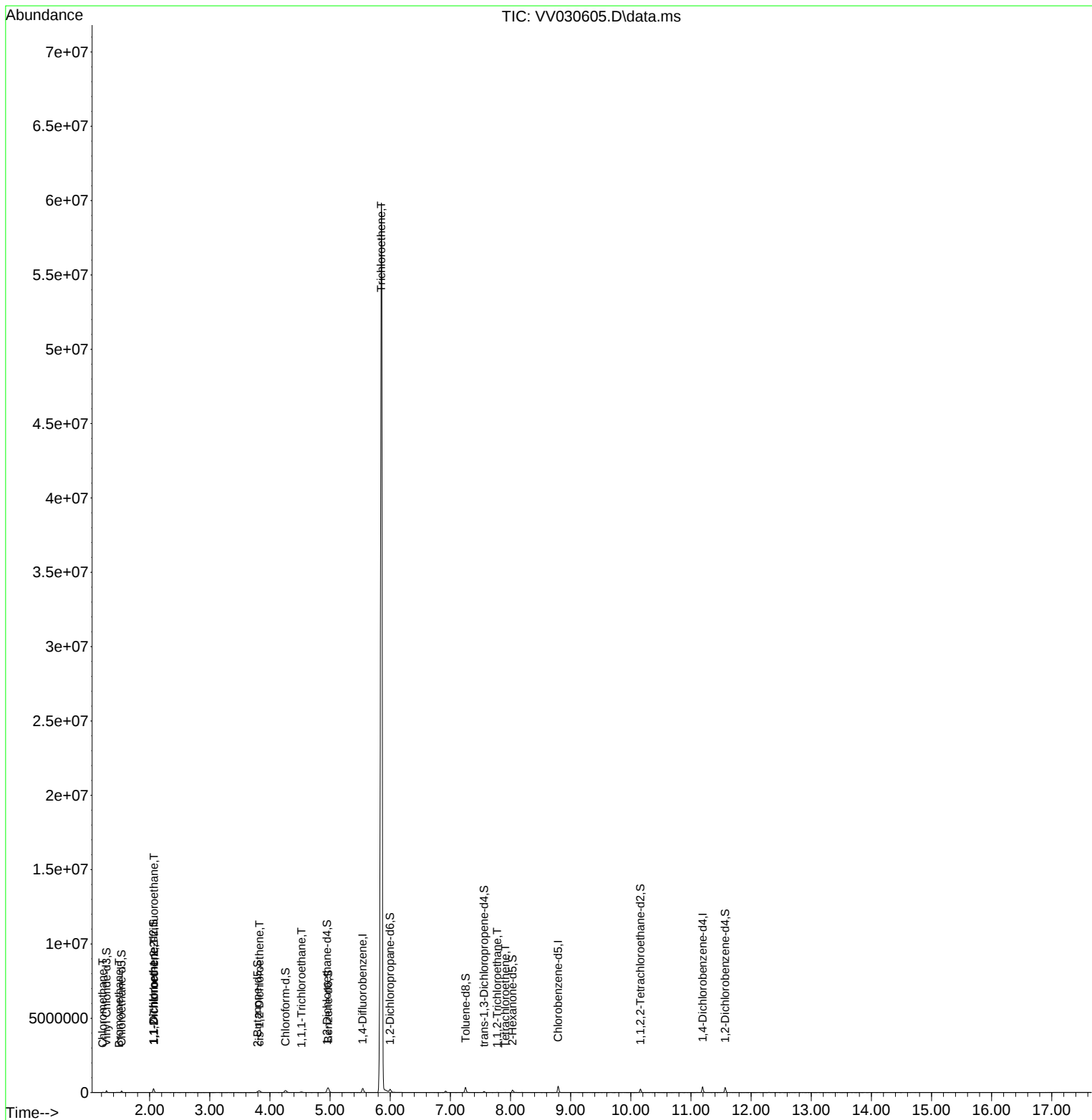
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

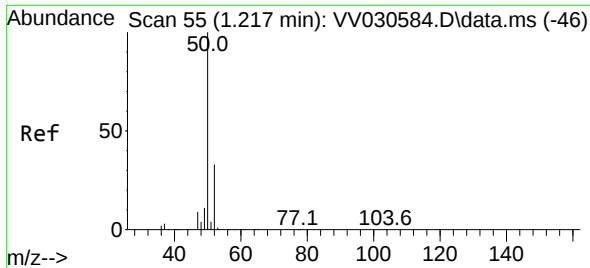
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	239706	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78595	44.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.460%		
7) Chloroethane-d5	1.532	69	65051	44.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.360%		
11) 1,1-Dichloroethene-d2	2.063	65	37441	44.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.860%		
21) 2-Butanone-d5	3.796	46	86960	90.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.100%		
24) Chloroform-d	4.259	84	143914	45.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
26) 1,2-Dichloroethane-d4	4.950	65	96992	47.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%		
32) Benzene-d6	4.970	84	268717	51.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.500%		
36) 1,2-Dichloropropane-d6	5.998	67	82806	51.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.680%		
41) Toluene-d8	7.252	98	224986	46.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.300%		
43) trans-1,3-Dichloroprop...	7.561	79	37049	45.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.160%		
47) 2-Hexanone-d5	8.034	63	54395	85.614	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.610%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	102841	43.944	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.880%		
66) 1,2-Dichlorobenzene-d4	11.571	152	84320	51.900	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.800%		
Target Compounds						Qvalue
3) Chloromethane	1.221	50	14433	5.339	ug/L	95
6) Bromomethane	1.491	94	2689	3.111	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	12639	6.808	ug/L	97
12) 1,1-Dichloroethene	2.073	96	6267m	3.734	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	55295	29.999	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	34882	11.304	ug/L	99
34) Trichloroethene	5.851	95	18331851m	10568.252	ug/L	
45) 1,1,2-Trichloroethane	7.777	97	4528	2.516	ug/L	88
46) Tetrachloroethene	7.915	164	1907	1.256	ug/L	88

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

Manual Integrations
APPROVED

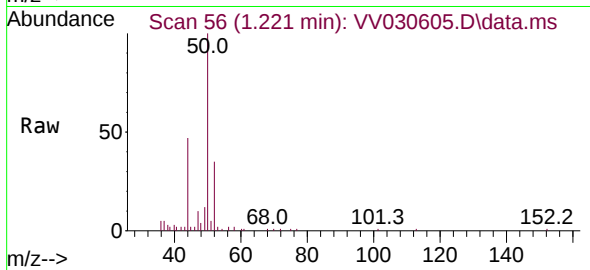
Quant Time: Apr 18 02:53:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 5.339 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030605.D
Acq: 17 Apr 2023 21:51

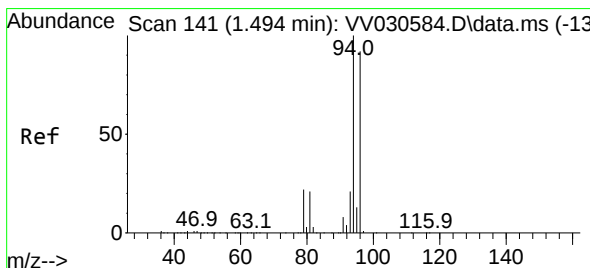
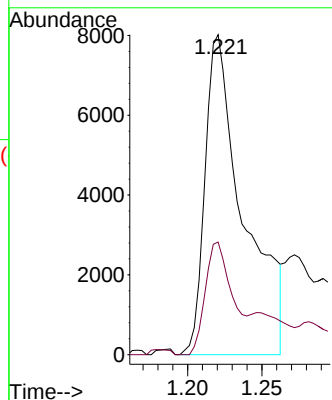
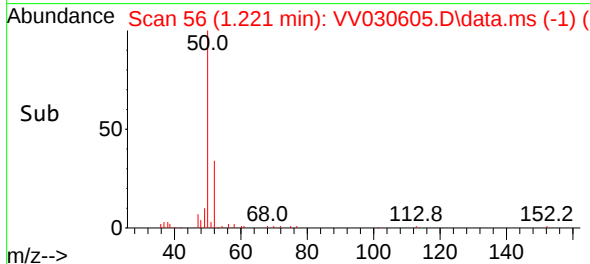
Instrument :
MSVOA_V
ClientSampleId :
C0AP8



Tgt Ion: 50 Resp: 1443
Ion Ratio Lower Upper
50 100
52 35.2 22.5 41.9

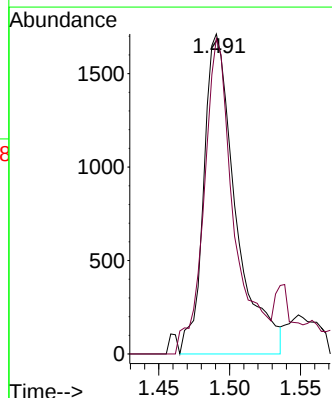
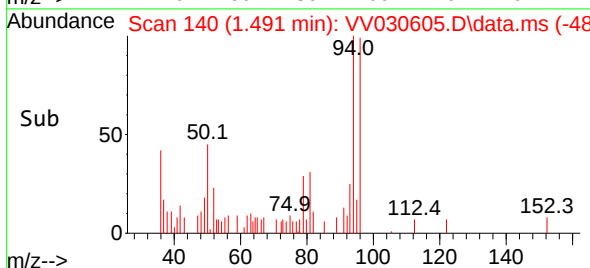
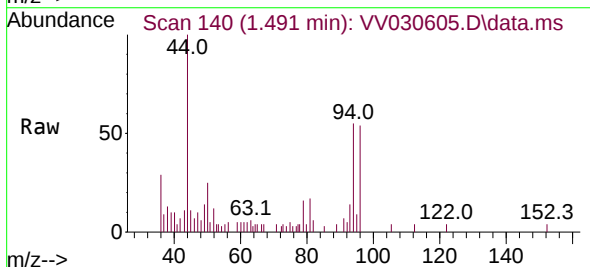
Manual Integrations
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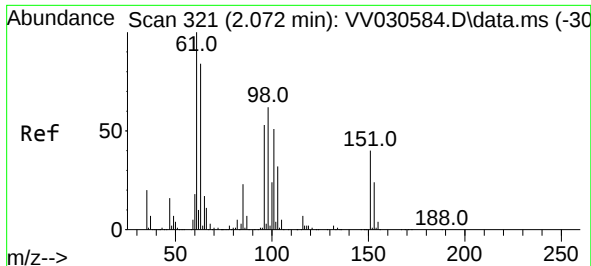
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#6
Bromomethane
Concen: 3.111 ug/L
RT: 1.491 min Scan# 140
Delta R.T. -0.003 min
Lab File: VV030605.D
Acq: 17 Apr 2023 21:51

Tgt Ion: 94 Resp: 2689
Ion Ratio Lower Upper
94 100
96 98.5 66.3 123.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.808 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV030605.D

Acq: 17 Apr 2023 21:51

Instrument :

MSVOA_V

ClientSampleId :

C0AP8

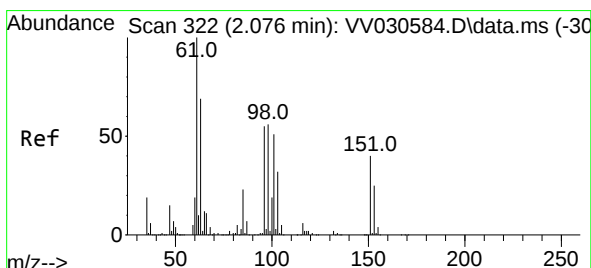
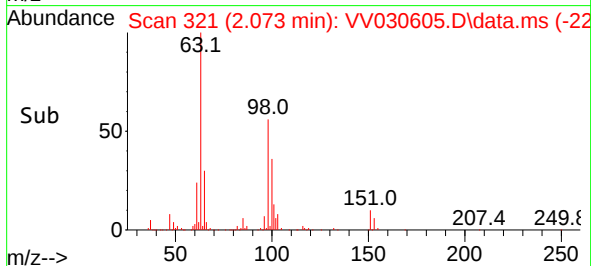
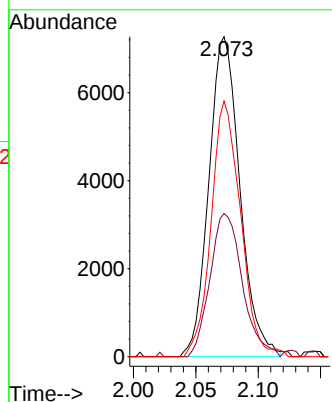
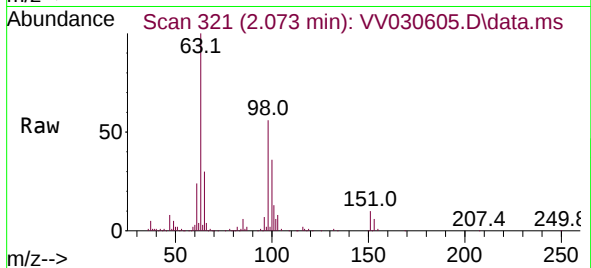
Tgt Ion:	101	Resp:	12639
Ion Ratio	Lower	Upper	
101	100		
85	46.5	37.5	56.3
151	74.9	63.5	95.3

Manual Integrations

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Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#12

1,1-Dichloroethene

Concen: 3.734 ug/L m

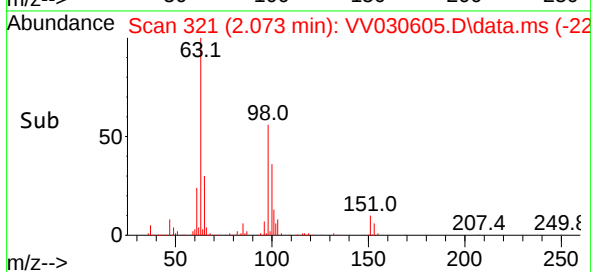
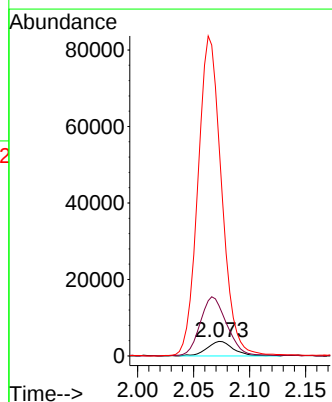
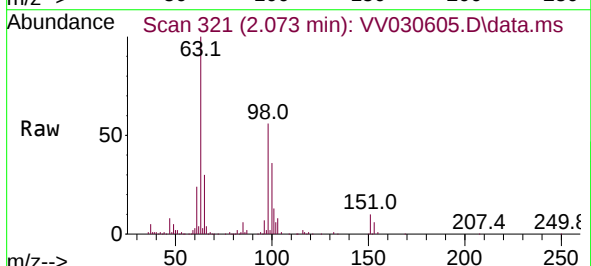
RT: 2.073 min Scan# 321

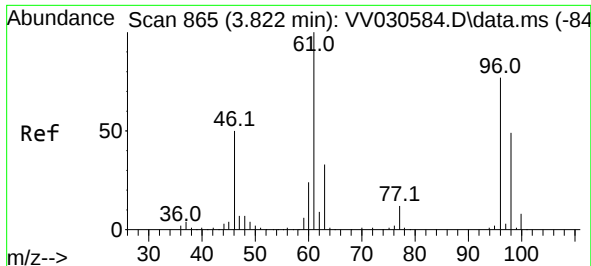
Delta R.T. -0.003 min

Lab File: VV030605.D

Acq: 17 Apr 2023 21:51

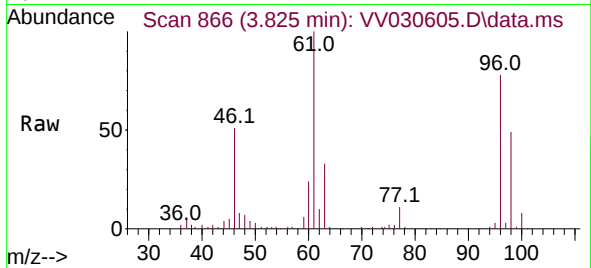
Tgt Ion:	96	Resp:	6267
Ion Ratio	Lower	Upper	
96	100		
61	347.6	131.9	245.0#
63	1471.0	99.8	185.3#





#20
 cis-1,2-Dichloroethene
 Concen: 29.999 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030605.D
 Acq: 17 Apr 2023 21:51

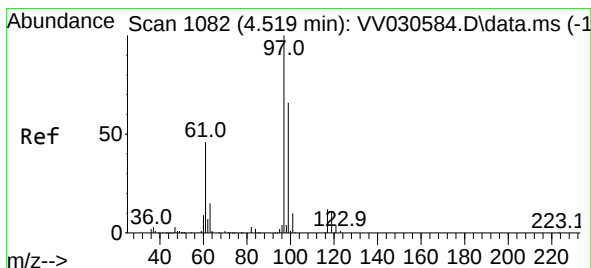
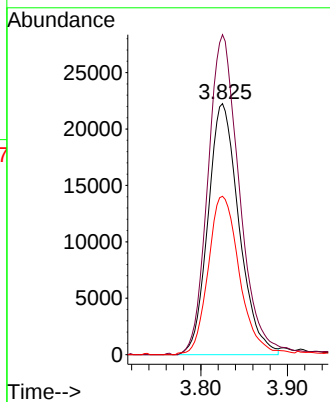
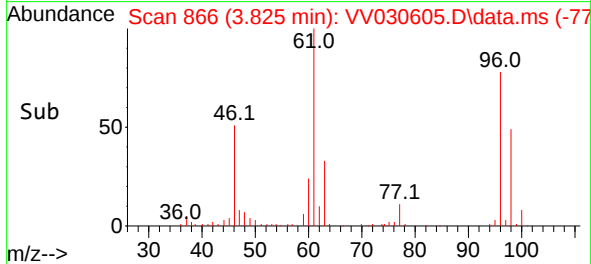
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP8



Tgt Ion: 96 Resp: 5529
 Ion Ratio Lower Upper
 96 100
 61 127.5 92.3 171.3
 98 63.1 45.9 85.3

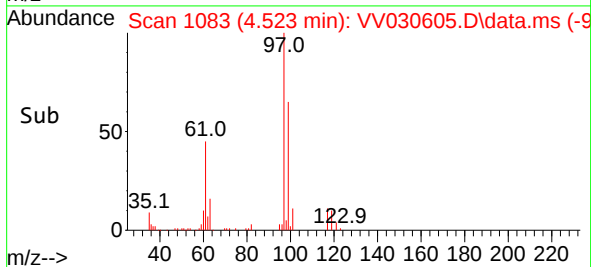
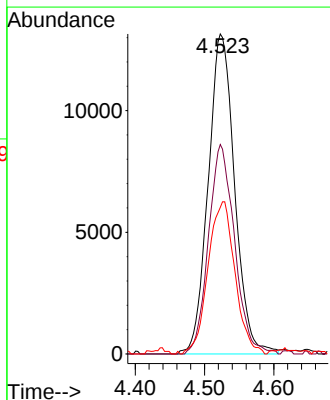
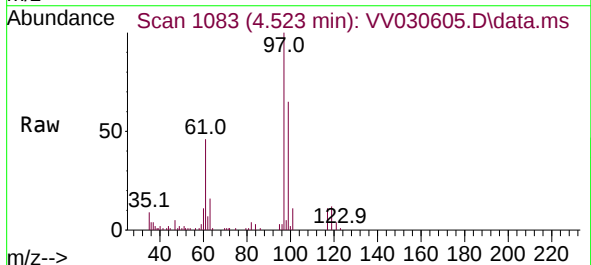
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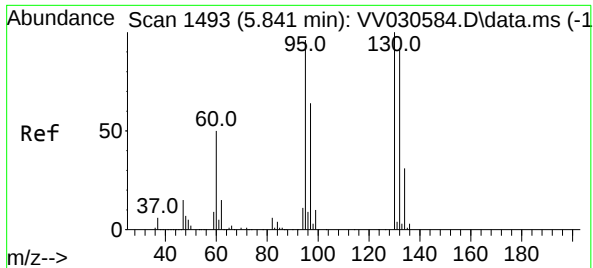
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#30
 1,1,1-Trichloroethane
 Concen: 11.304 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030605.D
 Acq: 17 Apr 2023 21:51

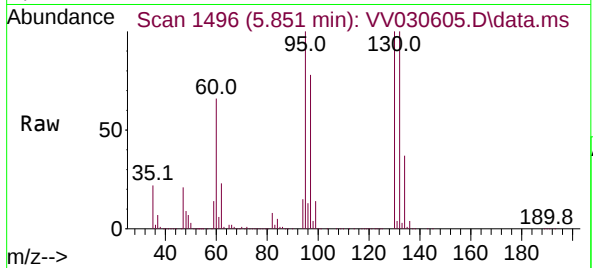
Tgt Ion: 97 Resp: 34882
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.0
 61 48.5 37.0 55.6





#34
Trichloroethene
Concen: 10568.252 ug/L m
RT: 5.851 min Scan# 1496
Delta R.T. 0.010 min
Lab File: VV030605.D
Acq: 17 Apr 2023 21:51

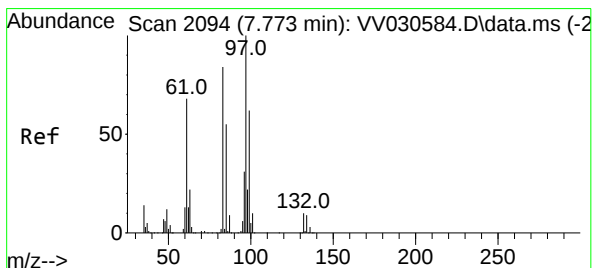
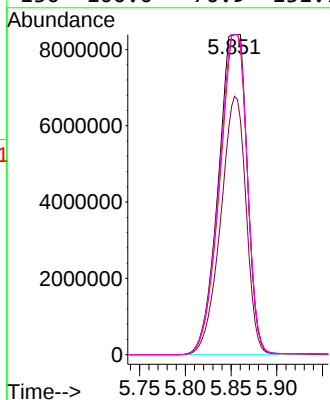
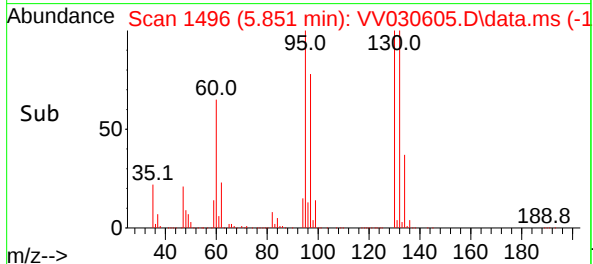
Instrument :
MSVOA_V
ClientSampleId :
C0AP8



Tgt Ion: 95 Resp:1833185
Ion Ratio Lower Upper
95 100
97 77.6 45.8 85.2
132 99.6 70.6 131.2
130 100.0 70.9 131.7

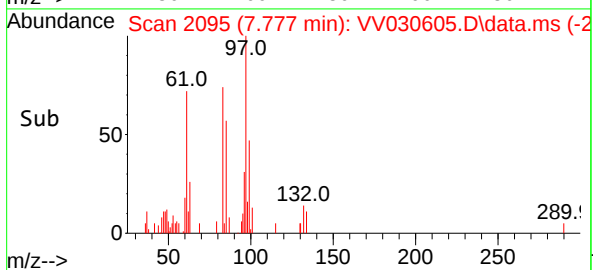
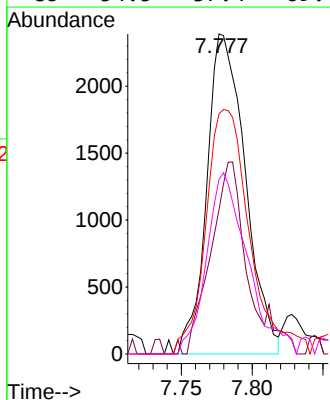
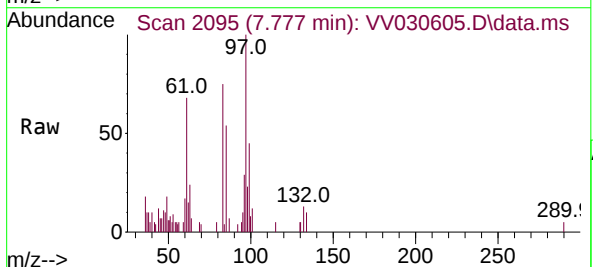
Manual Integrations
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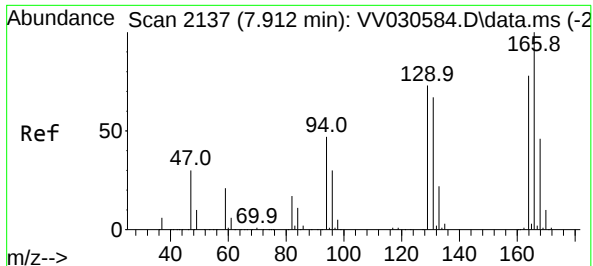
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#45
1,1,2-Trichloroethane
Concen: 2.516 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030605.D
Acq: 17 Apr 2023 21:51

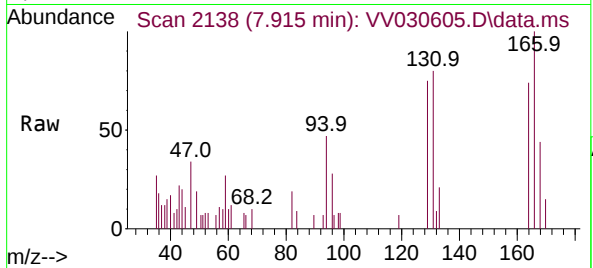
Tgt Ion: 97 Resp: 4528
Ion Ratio Lower Upper
97 100
99 45.0 43.8 81.4
83 75.1 59.6 110.6
85 54.5 37.4 69.4





#46
 Tetrachloroethene
 Concen: 1.256 ug/L
 RT: 7.915 min Scan# 2138
 Delta R.T. 0.003 min
 Lab File: VV030605.D
 Acq: 17 Apr 2023 21:51

Instrument : MSVOA_V
 ClientSampleId : C0AP8



Tgt Ion:164	Resp:	190	
Ion	Ratio	Lower	Upper
164	100		
129	101.0	63.8	118.6
131	108.3	60.3	111.9
166	134.9	89.5	166.1

Manual Integrations
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