

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031307.D
 Acq On : 31 May 2023 19:26
 Operator : SY/MD
 Sample : 02991-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C22

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 01 02:53:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	204174	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	88826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58595	33.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.160%		
7) Chloroethane-d5	1.532	69	62088	46.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.380%		
11) 1,1-Dichloroethene-d2	2.063	65	29500	36.053	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.100%		
21) 2-Butanone-d5	3.799	46	132927	142.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	142.970%#		
24) Chloroform-d	4.256	84	148523	48.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
26) 1,2-Dichloroethane-d4	4.950	65	106189	50.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.820%		
32) Benzene-d6	4.969	84	249929	43.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.440%		
36) 1,2-Dichloropropane-d6	5.995	67	104570	60.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	120.860%#		
41) Toluene-d8	7.252	98	203005	37.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.220%#		
43) trans-1,3-Dichloroprop...	7.564	79	42016	48.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.800%		
47) 2-Hexanone-d5	8.034	63	77193	114.416	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.420%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147597	56.870	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.740%		
66) 1,2-Dichlorobenzene-d4	11.567	152	80713	50.566	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.140%		
Target Compounds					Qvalue	
13) Acetone	2.121	43	6867	5.681	ug/L	93
20) cis-1,2-Dichloroethene	3.828	96	3913	3.027	ug/L	97
25) Chloroform	4.291	83	6615	2.478	ug/L	93
34) Trichloroethene	5.850	95	2636m	1.925	ug/L	
46) Tetrachloroethene	7.911	164	67169	57.122	ug/L	94

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

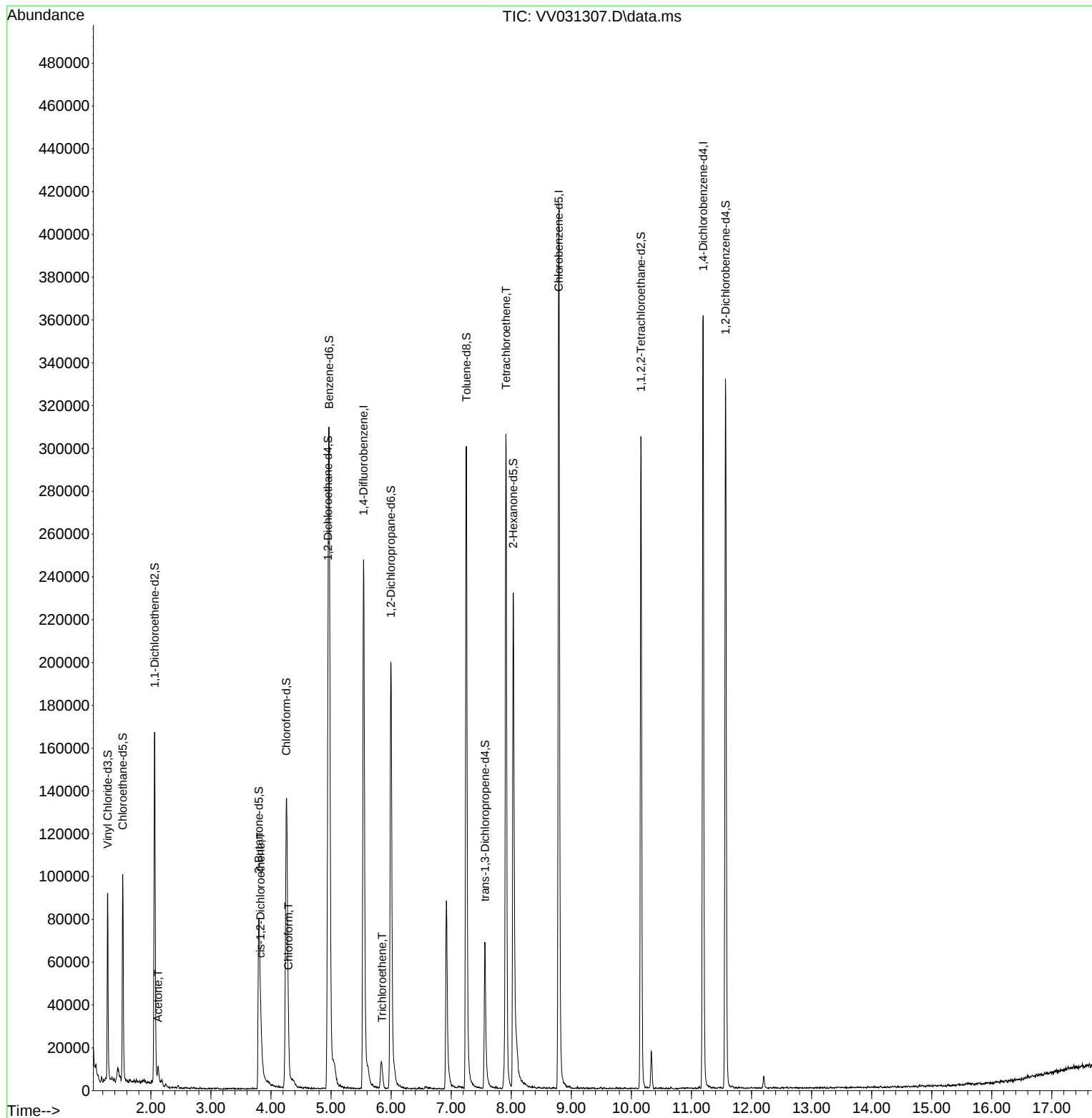
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
Data File : VV031307.D
Acq On : 31 May 2023 19:26
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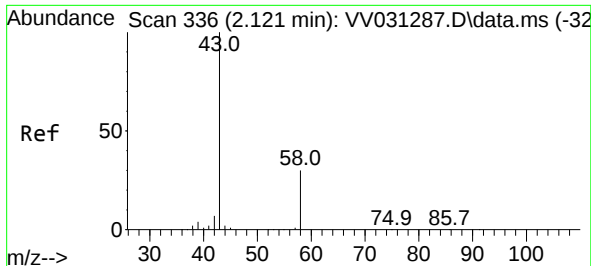
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jun 01 02:53:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 01 01:56:05 2023
Response via : Initial Calibration

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#13

Acetone

Concen: 5.681 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031307.D

Acq: 31 May 2023 19:26

Instrument :

MSVOA_V

ClientSampleId :

F6C22

Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

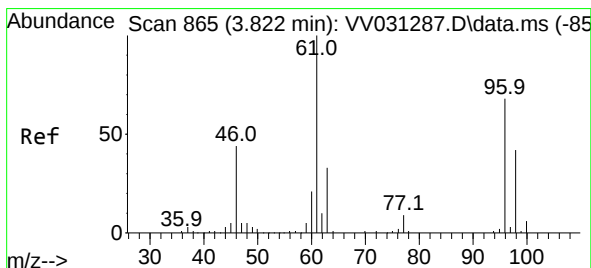
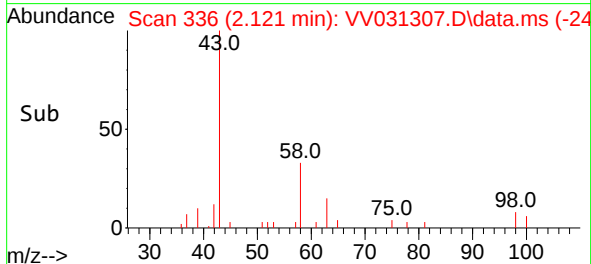
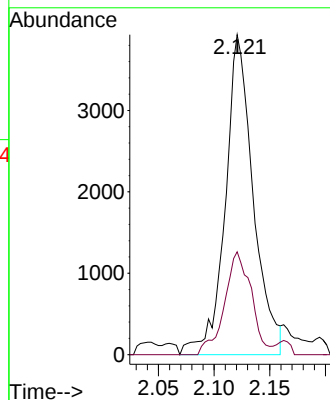
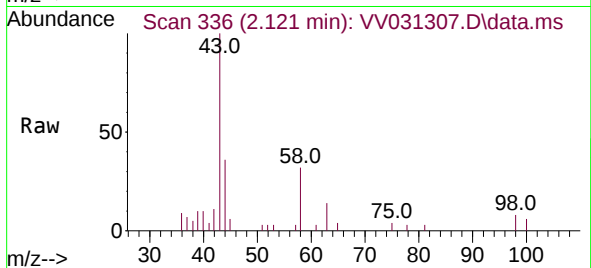
58 30.7 0.0 54.0

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 3.027 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.006 min

Lab File: VV031307.D

Acq: 31 May 2023 19:26

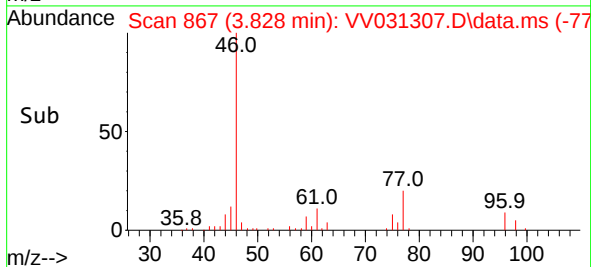
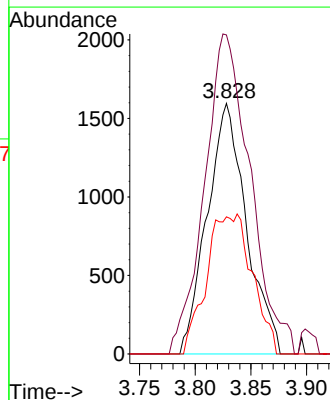
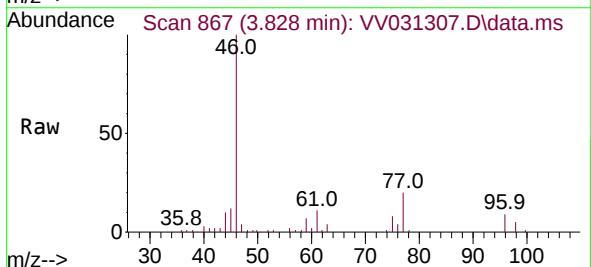
Tgt Ion: 96 Resp: 3913

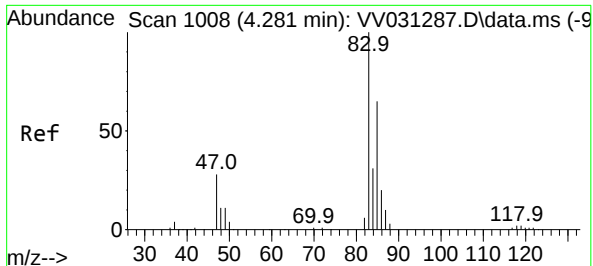
Ion Ratio Lower Upper

96 100

61 127.3 89.2 165.6

98 54.7 43.0 80.0





#25

Chloroform

Concen: 2.478 ug/L

RT: 4.291 min Scan# 1008

Delta R.T. 0.010 min

Lab File: VV031307.D

Acq: 31 May 2023 19:26

Instrument :

MSVOA_V

ClientSampleId :

F6C22

Tgt Ion: 83 Resp: 661

Ion Ratio Lower Upper

83 100

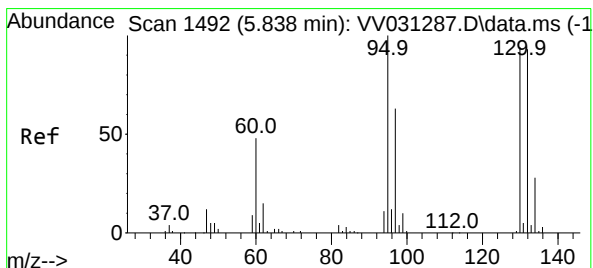
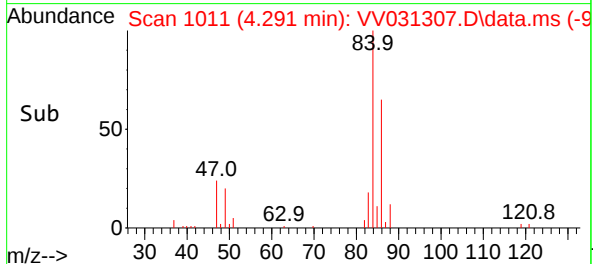
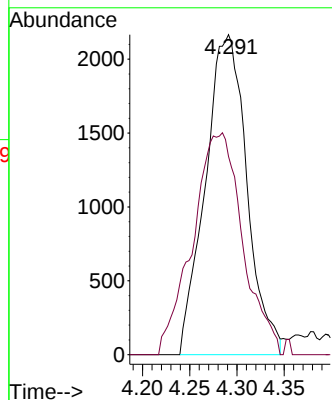
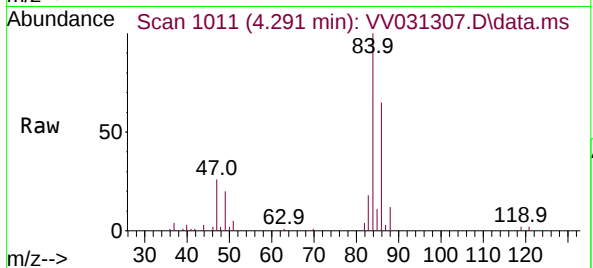
85 62.0 47.3 87.9

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#34

Trichloroethene

Concen: 1.925 ug/L m

RT: 5.850 min Scan# 1496

Delta R.T. 0.013 min

Lab File: VV031307.D

Acq: 31 May 2023 19:26

Tgt Ion: 95 Resp: 2636

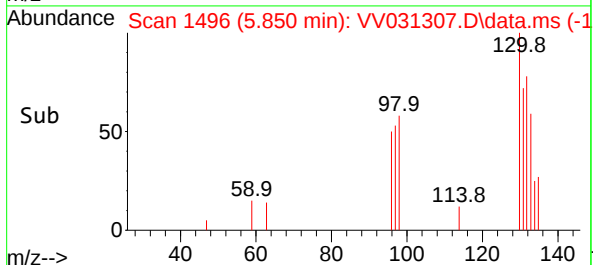
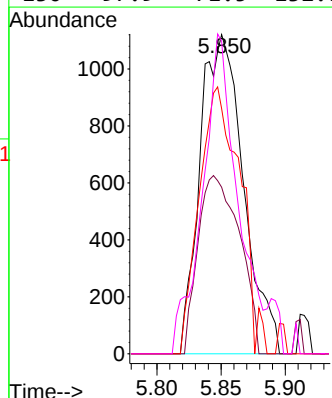
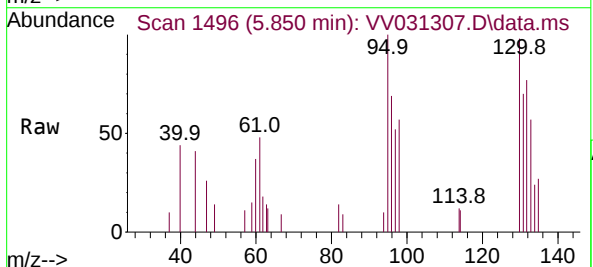
Ion Ratio Lower Upper

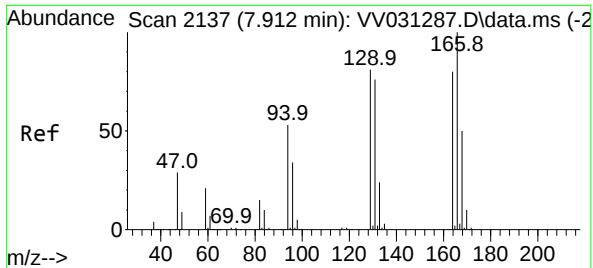
95 100

97 52.2 44.4 82.5

132 76.8 70.2 130.4

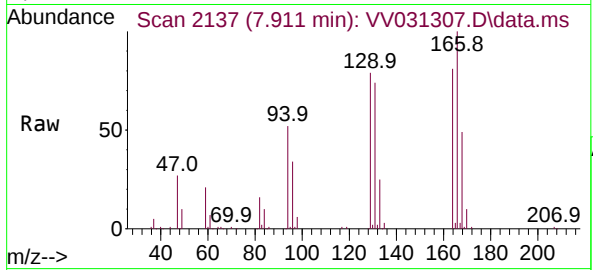
130 97.9 71.5 132.7





#46
Tetrachloroethene
Concen: 57.122 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031307.D
Acq: 31 May 2023 19:26

Instrument :
MSVOA_V
ClientSampleId :
F6C22



Tgt Ion:	164	Resp:	67169
Ion Ratio	Lower	Upper	
164	100		
129	97.5	65.5	121.7
131	92.0	62.1	115.3
166	124.1	93.4	173.4

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