

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031305.D
 Acq On : 31 May 2023 18:38
 Operator : SY/MD
 Sample : 02991-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C18

Quant Time: Jun 01 02:00:26 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)

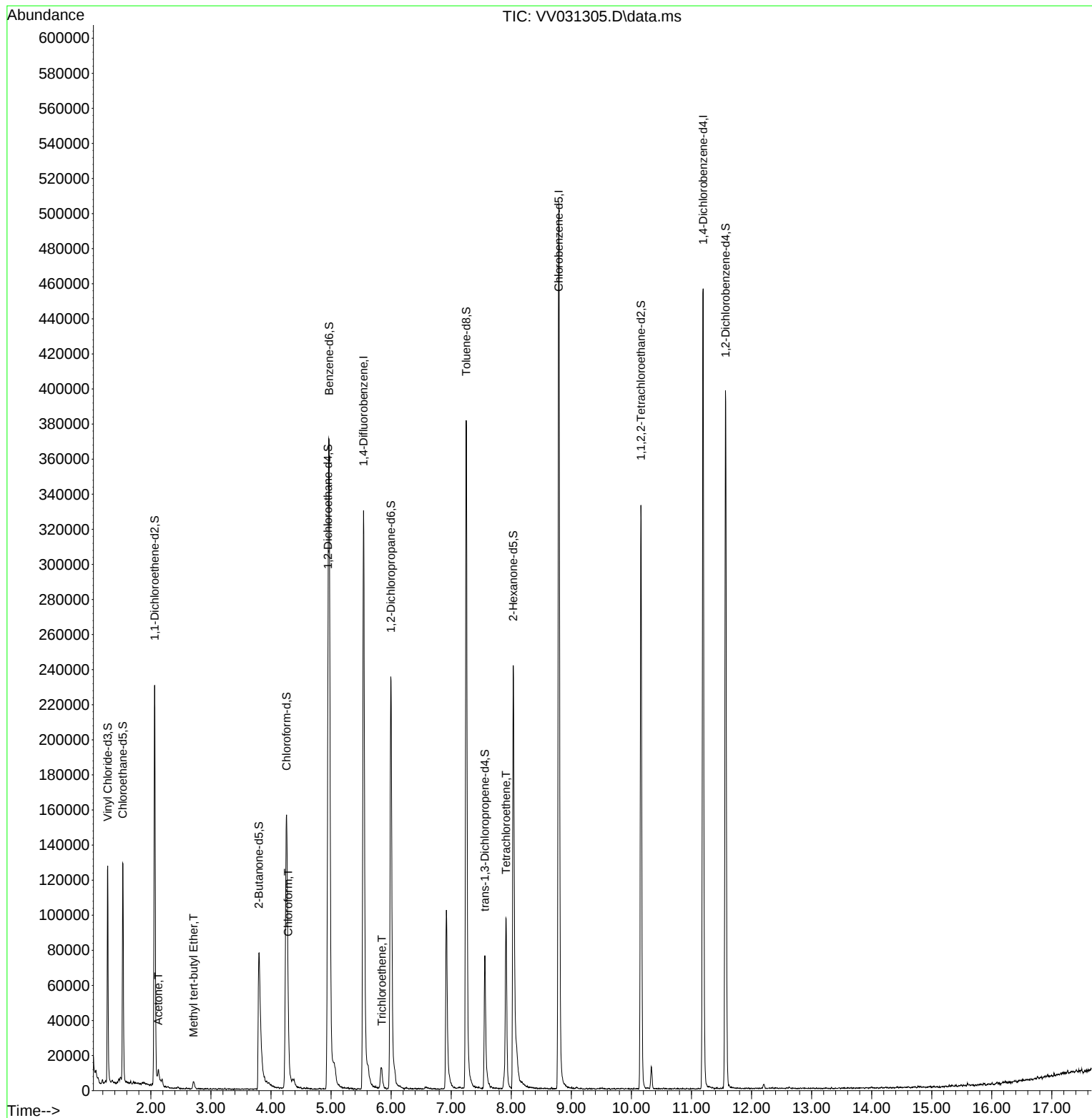
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	273113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	263383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82195	35.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.440%
7) Chloroethane-d5	1.532	69	78270	43.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.060%
11) 1,1-Dichloroethene-d2	2.063	65	40562	37.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.120%
21) 2-Butanone-d5	3.799	46	138646	111.478	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.480%
24) Chloroform-d	4.259	84	170304	41.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.480%
26) 1,2-Dichloroethane-d4	4.950	65	121276	43.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.920%
32) Benzene-d6	4.966	84	307131	43.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	5.995	67	121703	56.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.940%
41) Toluene-d8	7.249	98	258109	38.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.460%#
43) trans-1,3-Dichloroprop...	7.561	79	48995	45.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
47) 2-Hexanone-d5	8.034	63	79873	95.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.890%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	163180	50.926	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.860%
66) 1,2-Dichlorobenzene-d4	11.570	152	97204	49.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	7550	4.669	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	3639	0.672	ug/L #	69
25) Chloroform	4.285	83	11855	3.320	ug/L	93
34) Trichloroethene	5.847	95	1609	0.952	ug/L	87
46) Tetrachloroethene	7.915	164	20255	13.952	ug/L	93

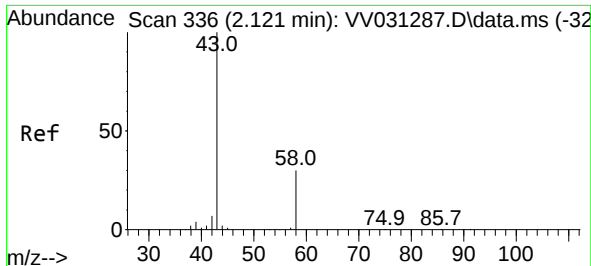
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 01 01:56:05 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.669 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

Instrument :

MSVOA_V

ClientSampleId :

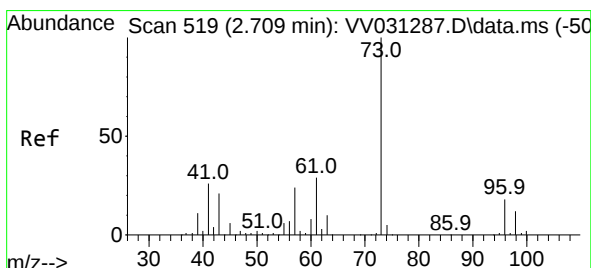
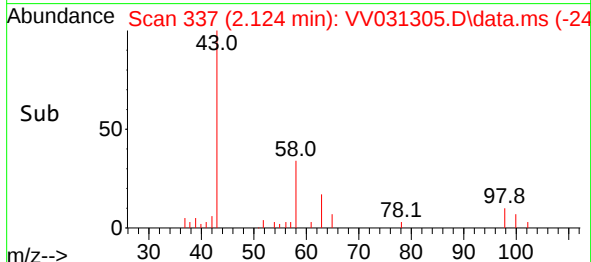
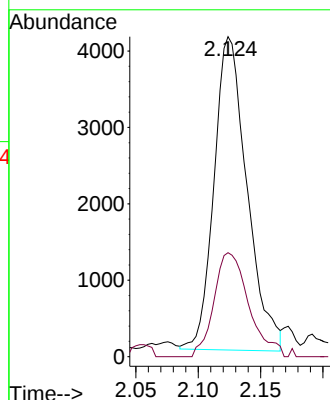
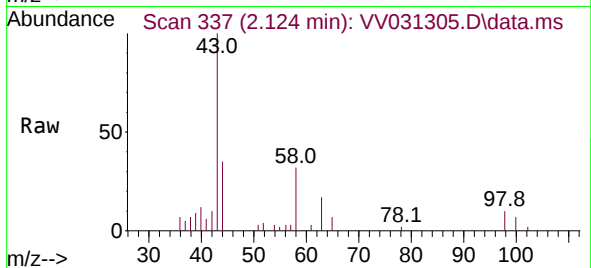
F6C18

Tgt Ion: 43 Resp: 7550

Ion Ratio Lower Upper

43 100

58 33.7 0.0 54.0



#18

Methyl tert-butyl Ether

Concen: 0.672 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

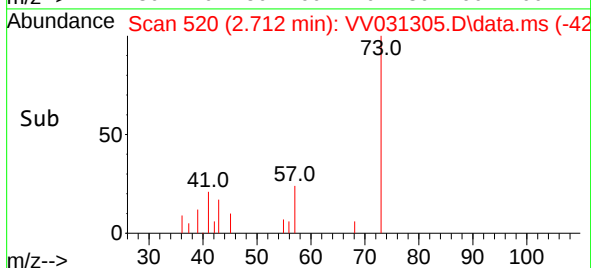
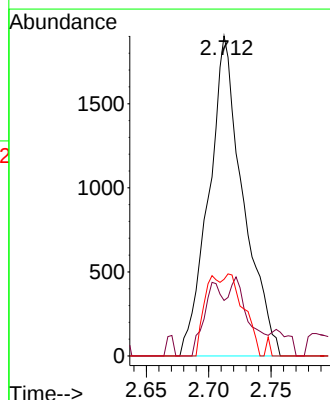
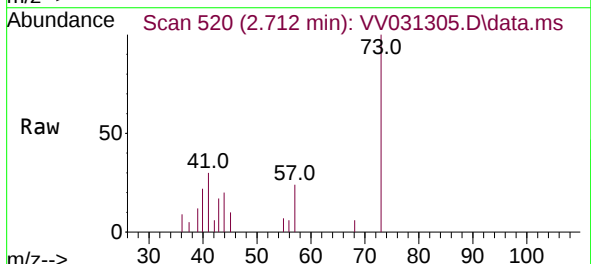
Tgt Ion: 73 Resp: 3639

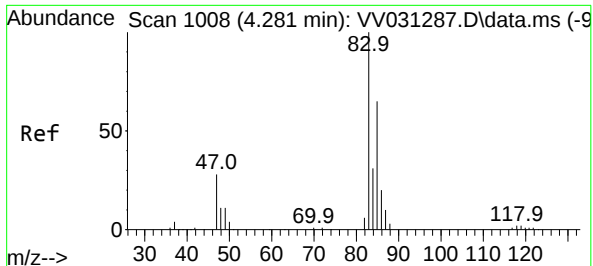
Ion Ratio Lower Upper

73 100

43 15.2 19.4 29.2#

57 0.0 17.1 25.7#





#25

Chloroform

Concen: 3.320 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031305.D

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Instrument :

MSVOA_V

ClientSampleId :

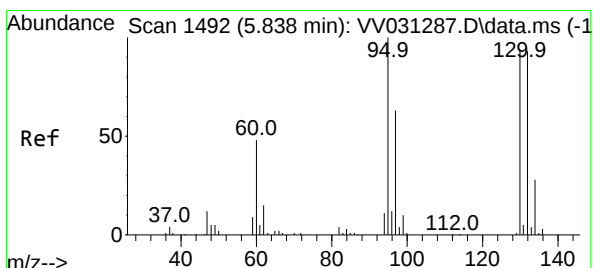
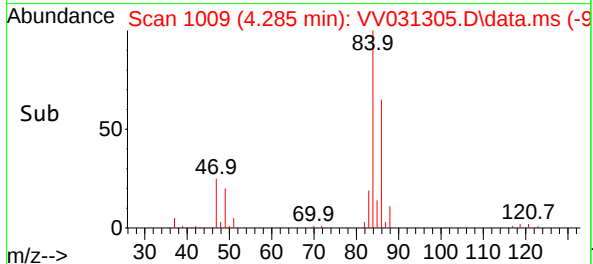
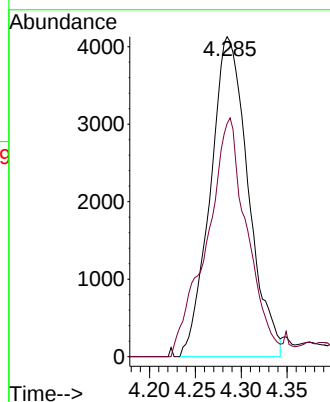
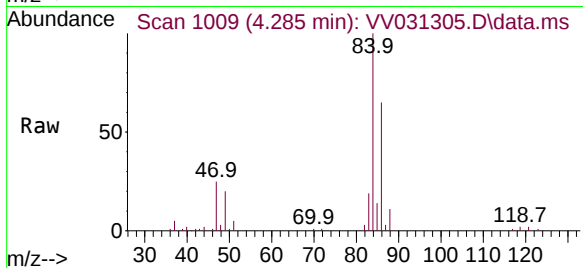
F6C18

Tgt Ion: 83 Resp: 11855

Ion Ratio Lower Upper

83 100

85 72.9 47.3 87.9



#34

Trichloroethene

Concen: 0.952 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031305.D

Acq: 31 May 2023 18:38

Tgt Ion: 95 Resp: 1609

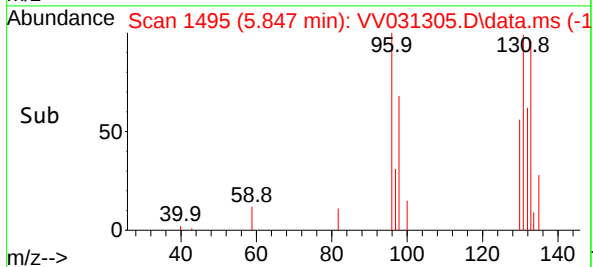
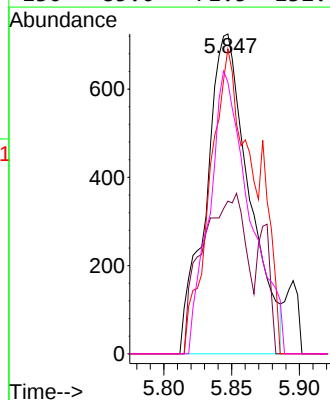
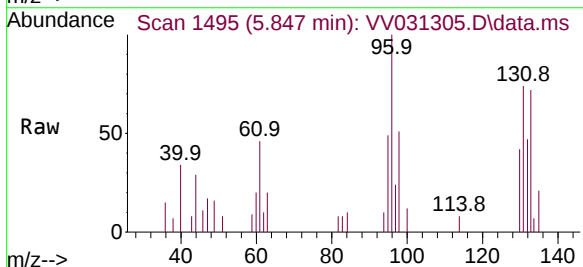
Ion Ratio Lower Upper

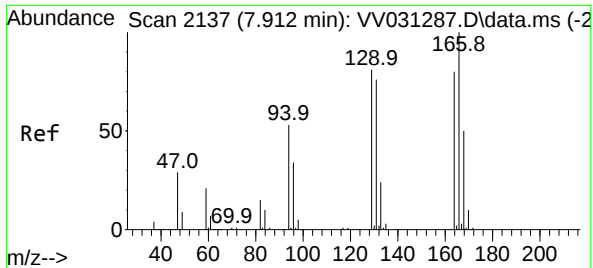
95 100

97 47.7 44.4 82.5

132 95.3 70.2 130.4

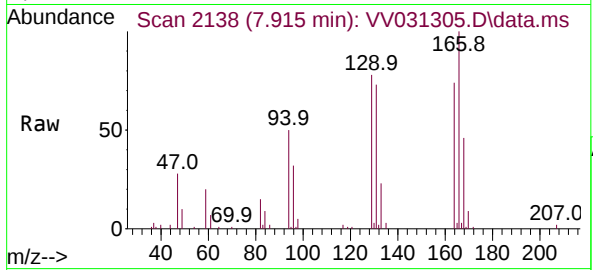
130 85.0 71.5 132.7





#46
 Tetrachloroethene
 Concen: 13.952 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031305.D
 Acq: 31 May 2023 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C18



Tgt Ion:	164	Resp:	20255
Ion	Ratio	Lower	Upper
164	100		
129	104.6	65.5	121.7
131	98.3	62.1	115.3
166	134.3	93.4	173.4

