

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031379.D
 Acq On : 06 Jun 2023 16:40
 Operator : SY/MD
 Sample : 02990-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C38

Quant Time: Jun 07 02:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

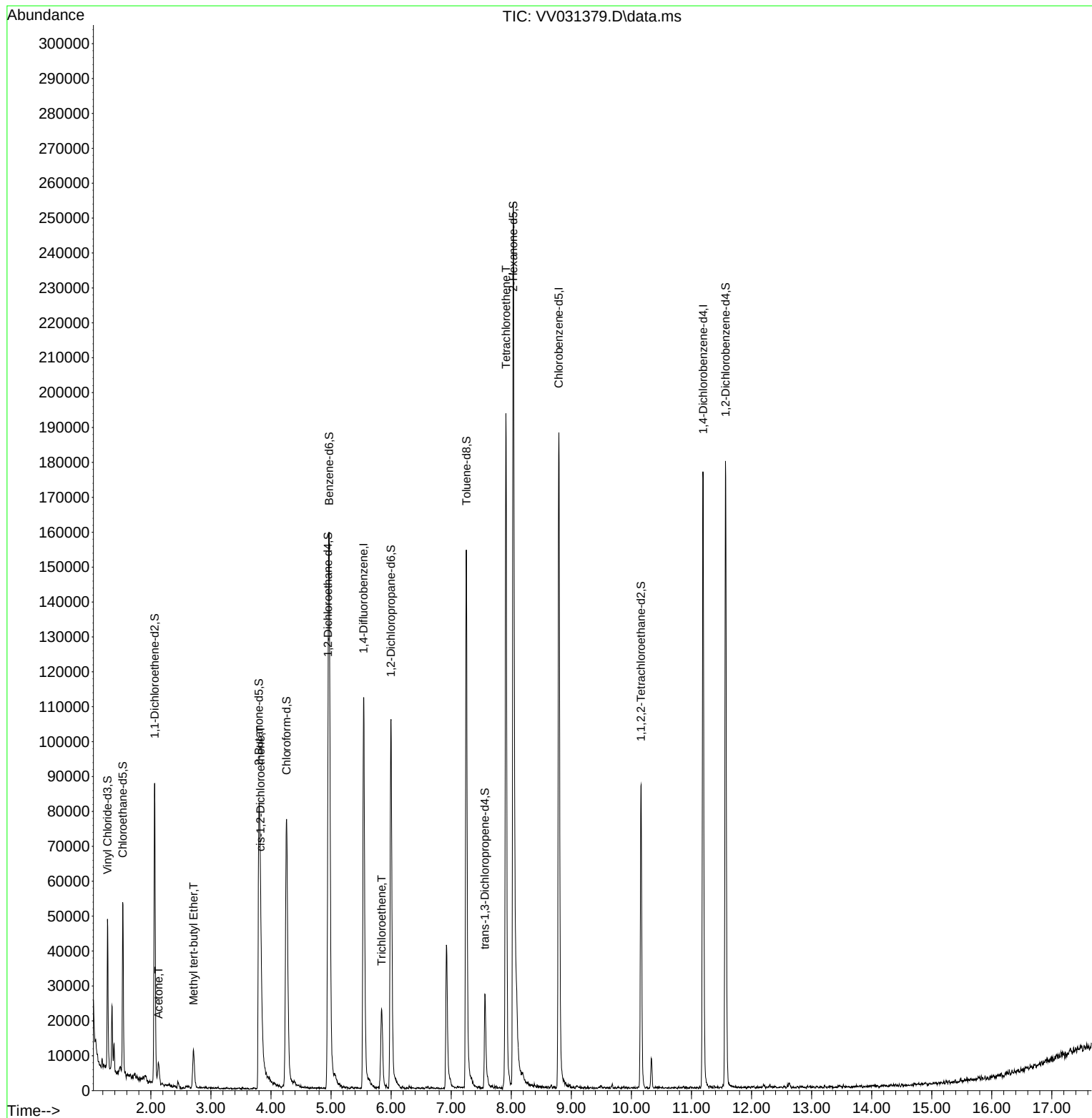
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	94120	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	103885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	47851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28206	2.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.532	69	30832	3.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.063	65	15712	3.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.799	46	136484	61.591	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.180%
24) Chloroform-d	4.259	84	83083	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.950	65	51105	5.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	4.969	84	134319	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.995	67	53215	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.252	98	105526	3.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.561	79	17745	4.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.034	63	83913	53.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41965	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	46277	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
13) Acetone	2.127	43	6098	2.381	ug/L	86
17) Methyl tert-butyl Ether	2.709	73	8853	0.442	ug/L	96
22) cis-1,2-Dichloroethene	3.828	96	10176	1.204	ug/L	91
34) Trichloroethene	5.844	95	7146	0.716	ug/L	93
47) Tetrachloroethene	7.911	164	42774	5.497	ug/L	99

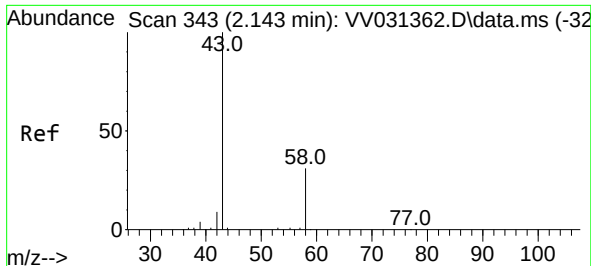
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.381 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.016 min

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MSVOA_V

ClientSampleId :

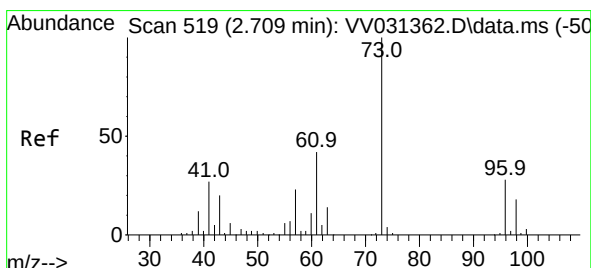
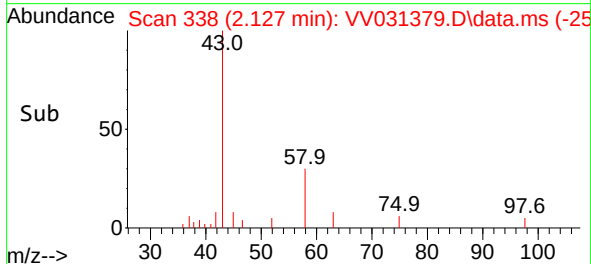
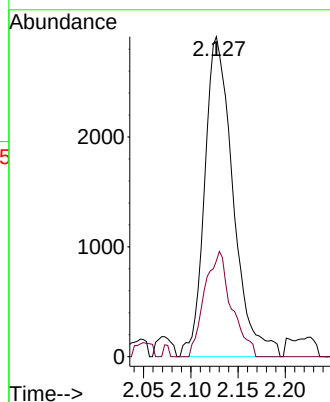
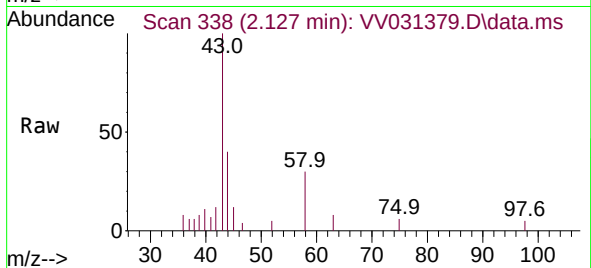
F6C38

Tgt Ion: 43 Resp: 6098

Ion Ratio Lower Upper

43 100

58 31.2 0.0 48.4



#17

Methyl tert-butyl Ether

Concen: 0.442 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

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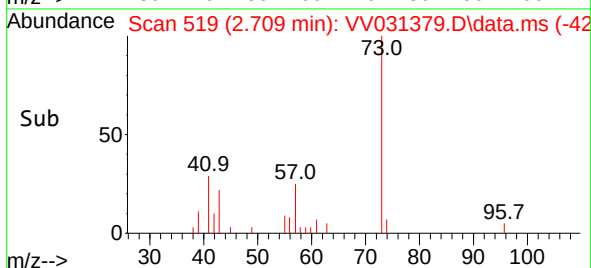
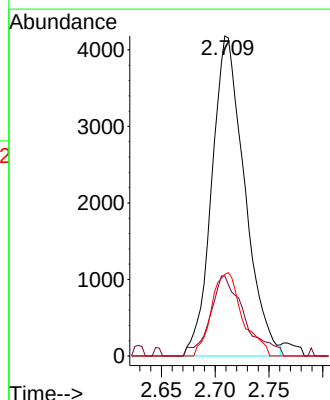
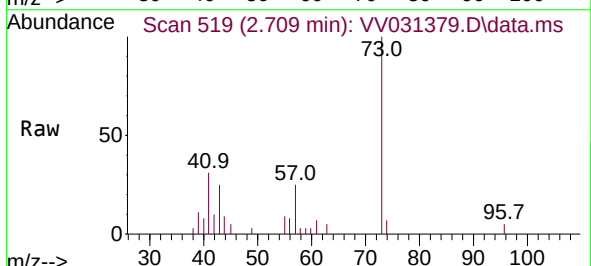
Tgt Ion: 73 Resp: 8853

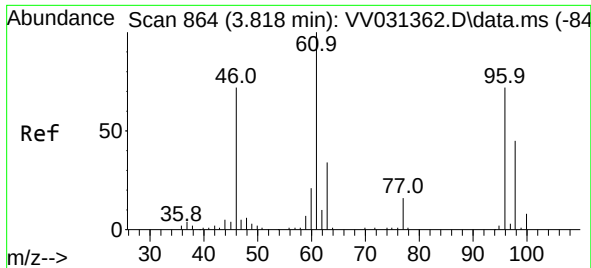
Ion Ratio Lower Upper

73 100

43 26.2 17.8 26.8

57 24.5 19.8 29.8

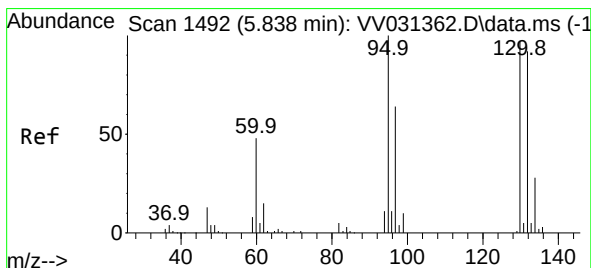
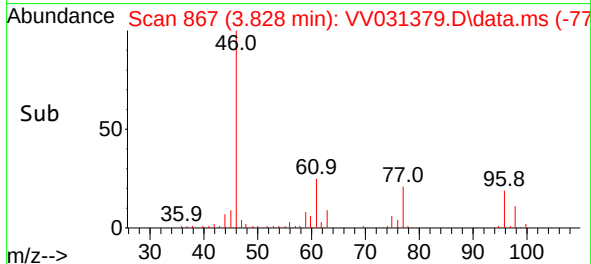
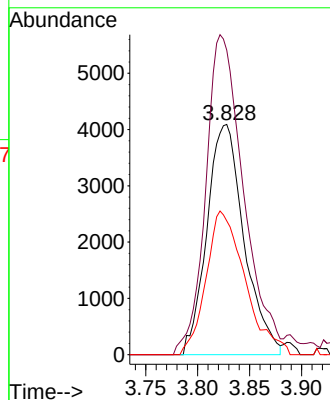
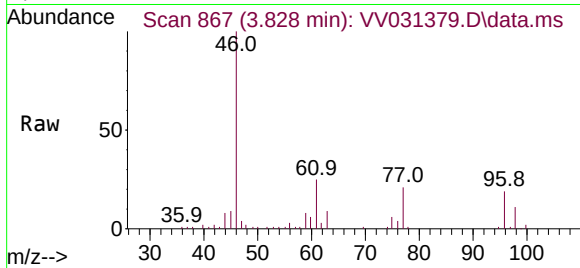




#22
cis-1,2-Dichloroethene
Concen: 1.204 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.009 min
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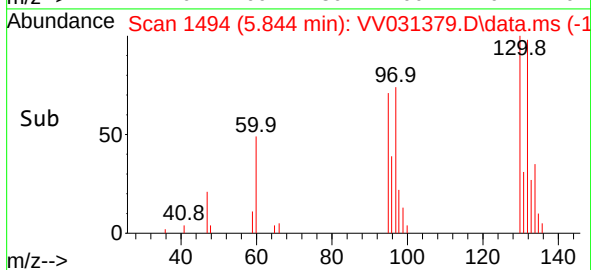
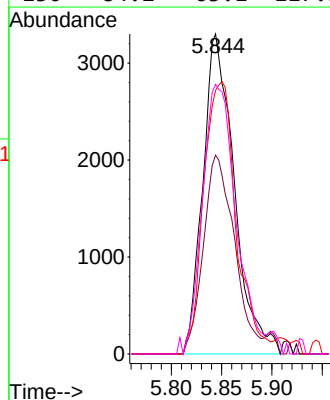
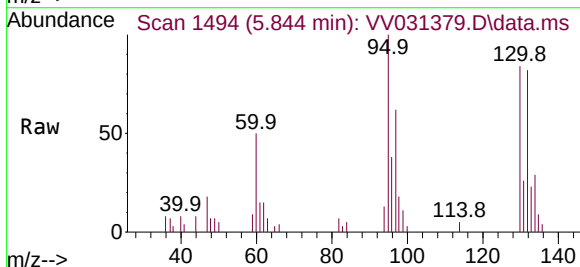
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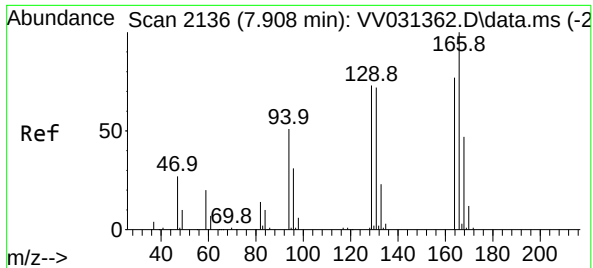
Tgt Ion: 96 Resp: 10176
Ion Ratio Lower Upper
96 100
61 132.3 100.8 187.2
98 58.1 45.1 83.9



#34
Trichloroethene
Concen: 0.716 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VV031379.D
Acq: 06 Jun 2023 16:40

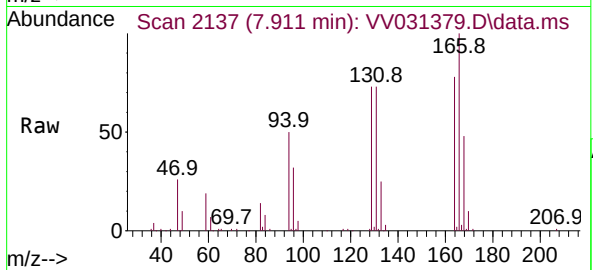
Tgt Ion: 95 Resp: 7146
Ion Ratio Lower Upper
95 100
97 62.2 46.1 85.5
132 82.4 64.5 119.9
130 84.2 63.1 117.1





#47
 Tetrachloroethene
 Concen: 5.497 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031379.D
 Acq: 06 Jun 2023 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C38



Tgt Ion:	164	Resp:	42774
Ion	Ratio	Lower	Upper
164	100		
129	93.5	66.0	122.6
131	94.4	65.3	121.3
166	128.6	90.1	167.3

