

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060623\
 Data File : VV031380.D
 Acq On : 06 Jun 2023 17:02
 Operator : SY/MD
 Sample : 02990-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C39

Quant Time: Jun 07 02:04:18 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)

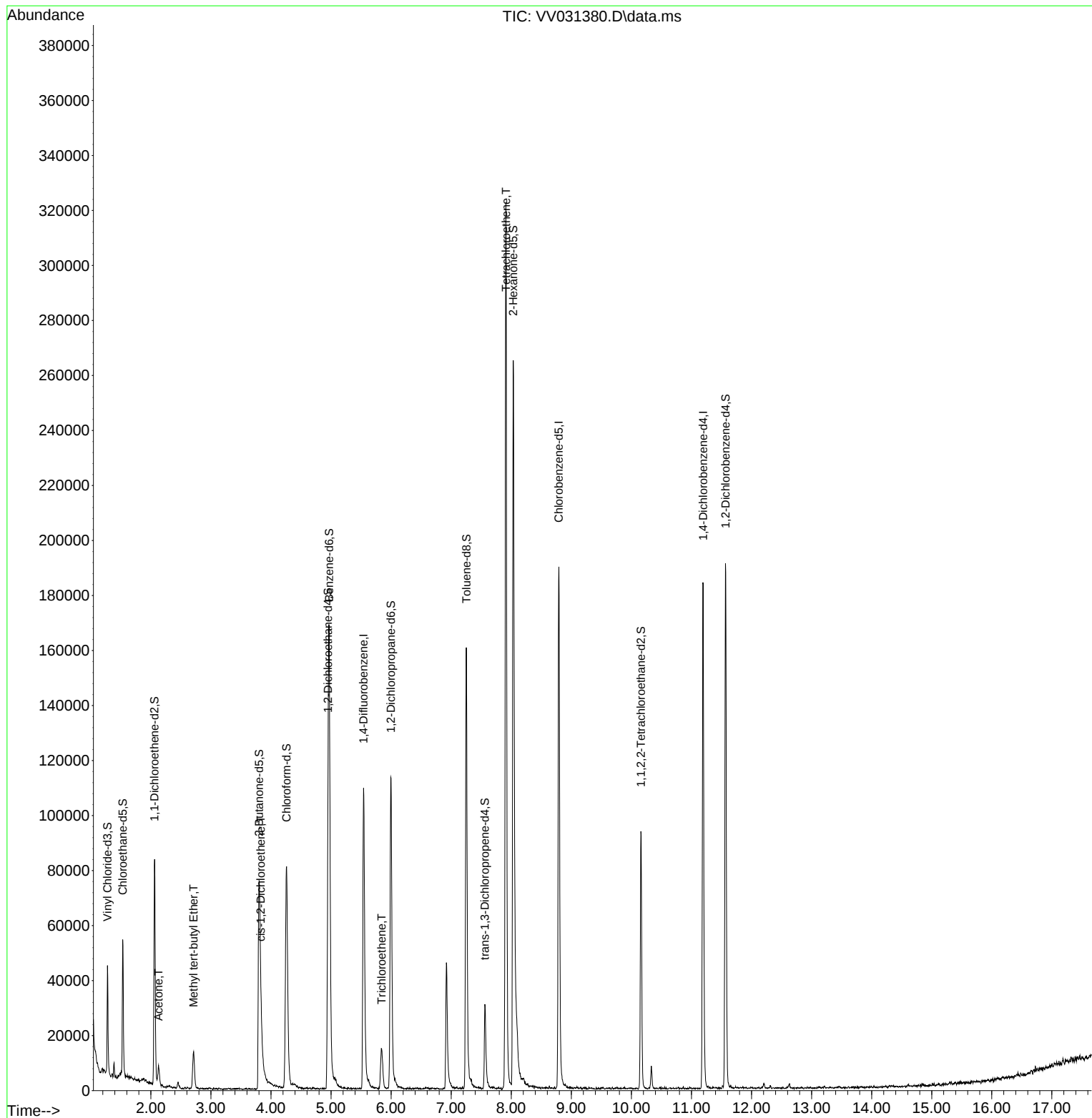
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	91470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	104348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	47743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25862	2.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	55.600%	
7) Chloroethane-d5	1.532	69	31355	3.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.060	65	14698	3.254	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.802	46	138170	64.158	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.320%	
24) Chloroform-d	4.259	84	86978	5.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.200%	
26) 1,2-Dichloroethane-d4	4.950	65	56365	6.718	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	134.400%#	
32) Benzene-d6	4.970	84	140857	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	5.995	67	55743	5.203	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.252	98	107944	3.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	7.561	79	19393	4.971	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.034	63	88405	56.415	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.840%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44331	5.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	11.571	152	49425	5.489	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds					Qvalue	
13) Acetone	2.127	43	6973	2.802	ug/L	86
17) Methyl tert-butyl Ether	2.712	73	11846	0.608	ug/L	98
22) cis-1,2-Dichloroethene	3.831	96	1753	0.213	ug/L #	66
34) Trichloroethene	5.841	95	4215	0.420	ug/L	94
47) Tetrachloroethene	7.912	164	70897	9.071	ug/L	99

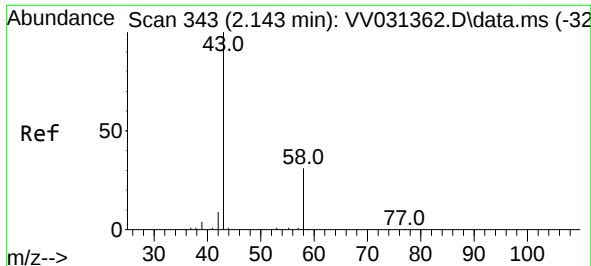
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.802 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.016 min

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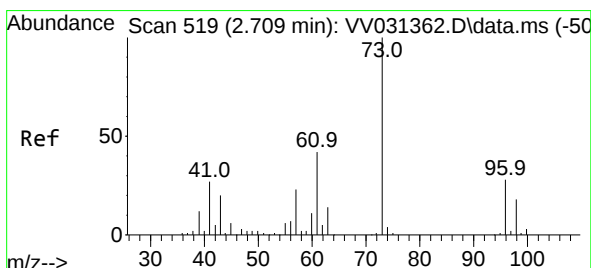
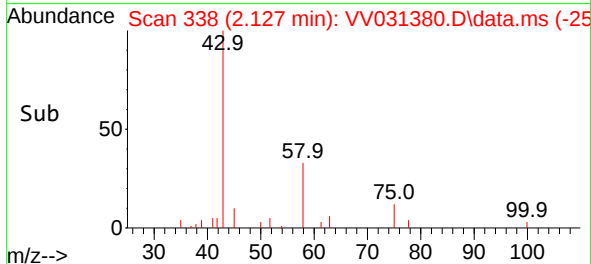
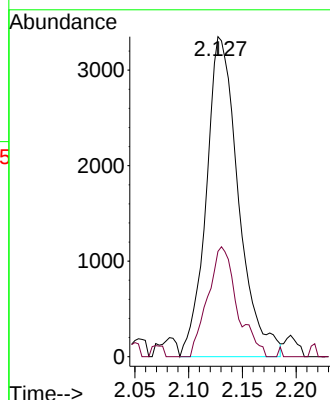
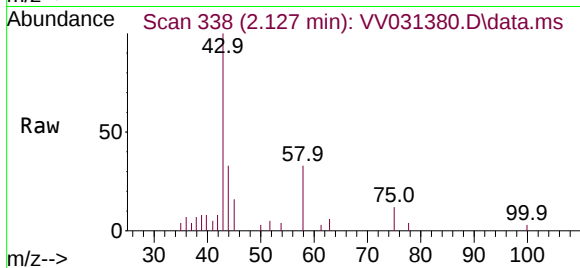
F6C39

Tgt Ion: 43 Resp: 6973

Ion Ratio Lower Upper

43 100

58 31.2 0.0 48.4



#17

Methyl tert-butyl Ether

Concen: 0.608 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

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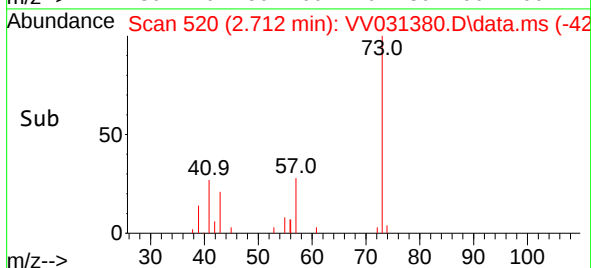
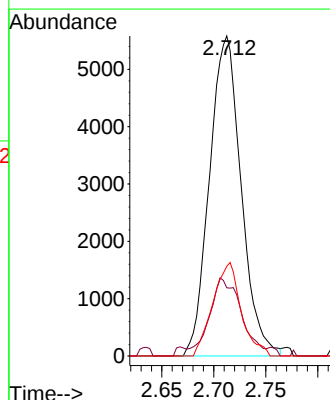
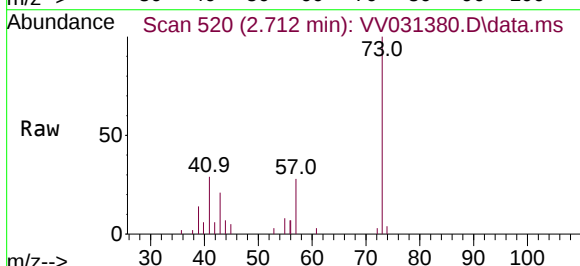
Tgt Ion: 73 Resp: 11846

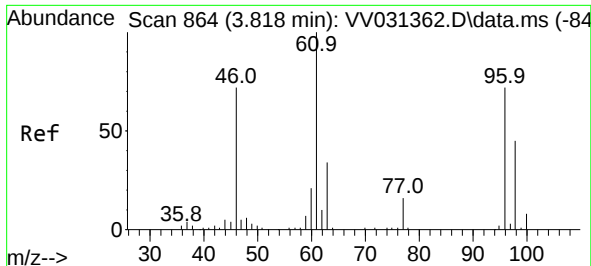
Ion Ratio Lower Upper

73 100

43 21.1 17.8 26.8

57 26.0 19.8 29.8

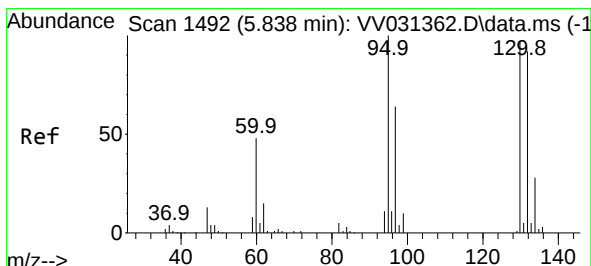
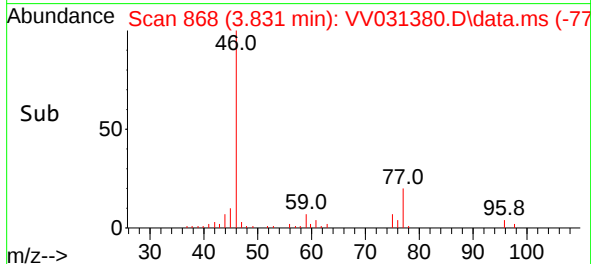
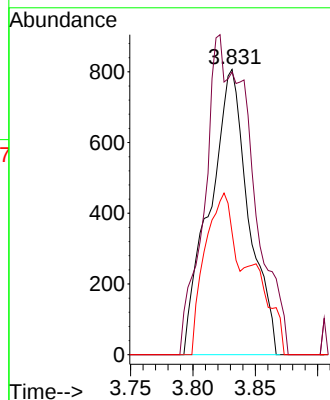
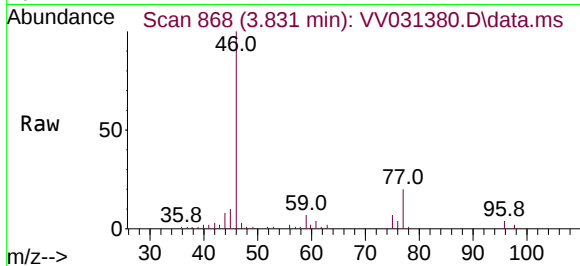




#22
cis-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 3.831 min Scan# 80
Delta R.T. 0.013 min
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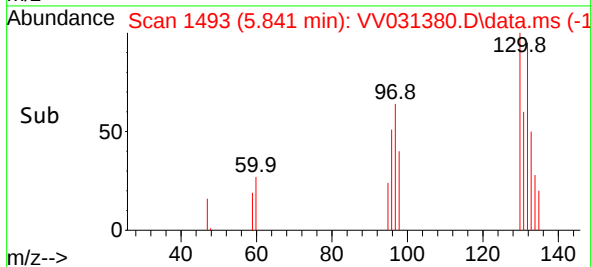
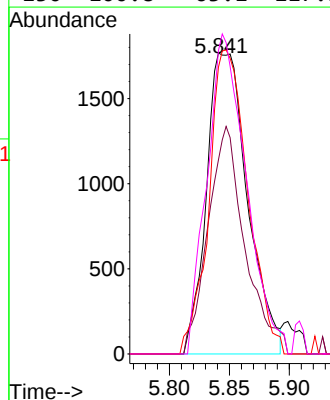
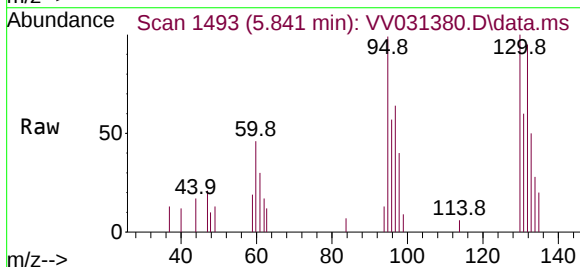
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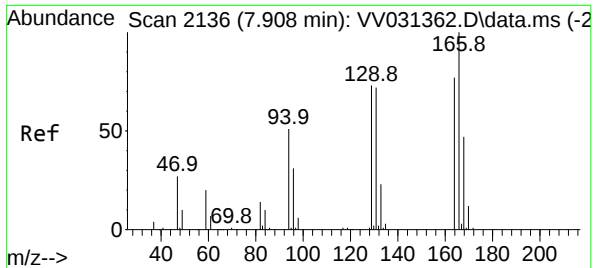
Tgt Ion: 96 Resp: 1753
Ion Ratio Lower Upper
96 100
61 99.0 100.8 187.2#
98 42.9 45.1 83.9#



#34
Trichloroethene
Concen: 0.420 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031380.D
Acq: 06 Jun 2023 17:02

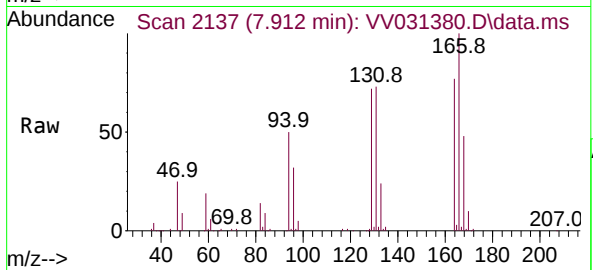
Tgt Ion: 95 Resp: 4215
Ion Ratio Lower Upper
95 100
97 64.5 46.1 85.5
132 95.3 64.5 119.9
130 100.8 63.1 117.1





#47
Tetrachloroethene
Concen: 9.071 ug/L
RT: 7.912 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031380.D
Acq: 06 Jun 2023 17:02

Instrument :
MSVOA_V
ClientSampleId :
F6C39



Tgt Ion:164 Resp: 70897

Ion	Ratio	Lower	Upper
164	100		
129	94.0	66.0	122.6
131	94.9	65.3	121.3
166	129.9	90.1	167.3

