

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025936.D
 Acq On : 20 Dec 2021 23:54
 Operator : JC/MD
 Sample : M5150-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBBX4

Quant Time: Dec 21 02:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

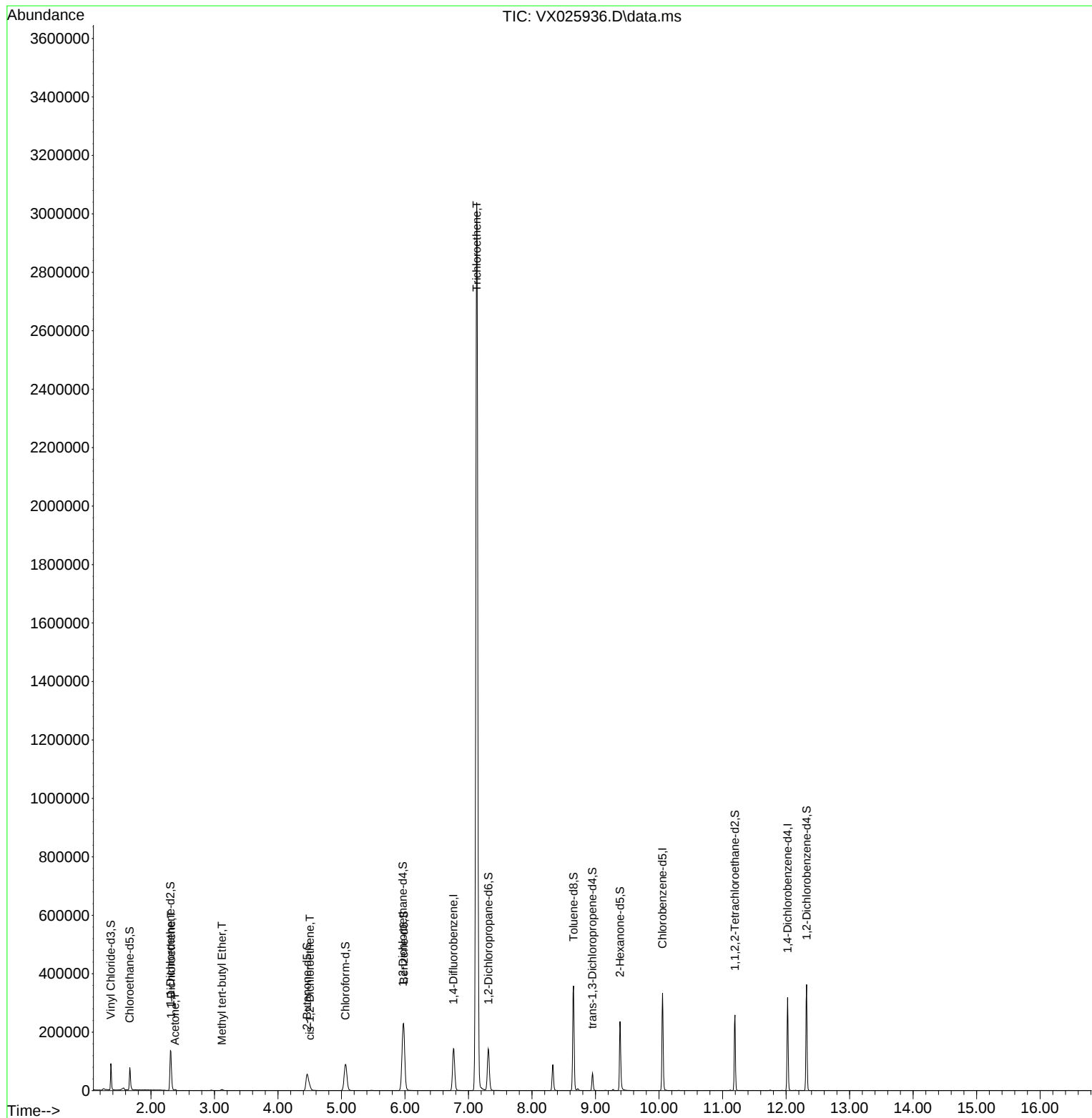
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	145423	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	55824	47.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.220%
7) Chloroethane-d5	1.666	69	49940	51.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.020%
11) 1,1-Dichloroethene-d2	2.306	63	79644	39.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.220%
21) 2-Butanone-d5	4.458	46	94808	112.095	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.090%
24) Chloroform-d	5.062	84	111253	49.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.964	65	76823	52.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.820%
32) Benzene-d6	5.982	84	225209	51.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
36) 1,2-Dichloropropane-d6	7.311	67	67852	51.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.300%
41) Toluene-d8	8.652	98	207765	50.244	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
43) trans-1,3-Dichloroprop...	8.951	79	25585	43.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
47) 2-Hexanone-d5	9.384	63	64151	107.586	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.590%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	94797	50.447	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	68450	52.999	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	1922	2.111	ug/L #	1
13) Acetone	2.379	43	3606	5.329	ug/L #	42
18) Methyl tert-butyl Ether	3.117	73	3671	1.067	ug/L	98
20) cis-1,2-Dichloroethene	4.501	96	8240	6.767	ug/L	100
34) Trichloroethene	7.128	95	1126395	957.433	ug/L	89

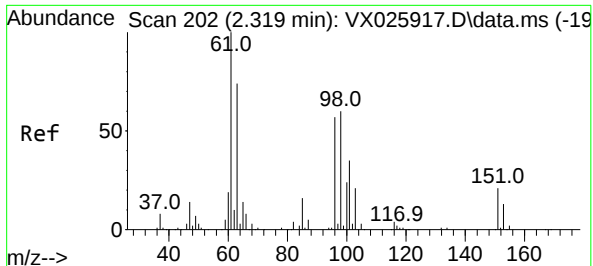
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.111 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

GBBX4

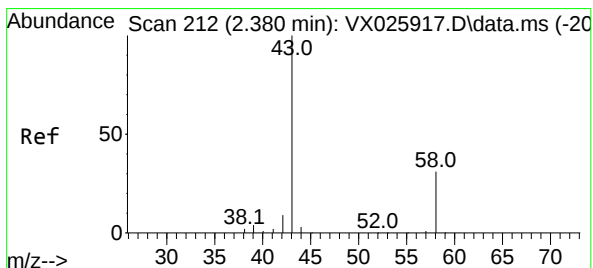
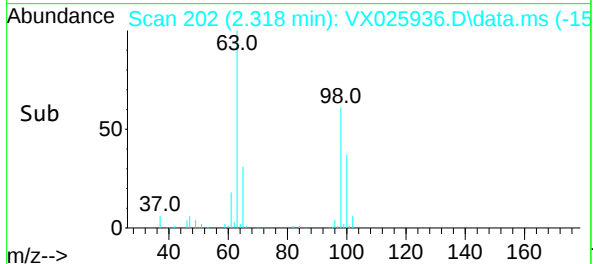
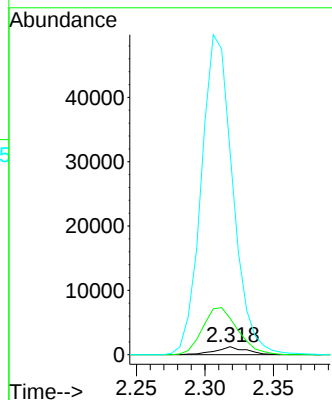
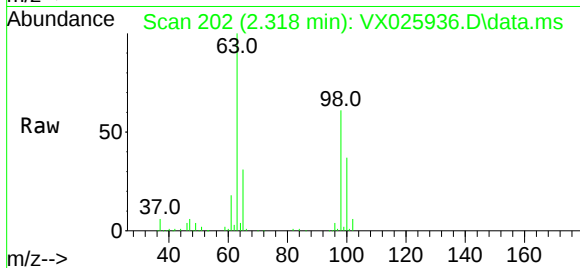
Tgt Ion: 96 Resp: 1922

Ion Ratio Lower Upper

96 100

61 454.8 108.7 201.9#

63 2539.4 76.3 141.7#



#13

Acetone

Concen: 5.329 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025936.D

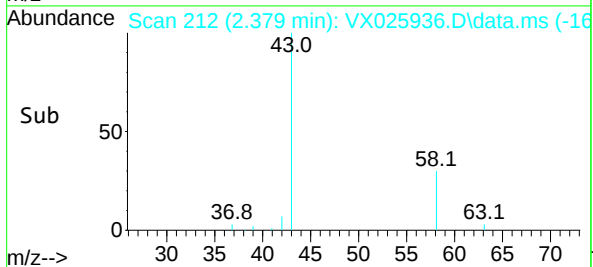
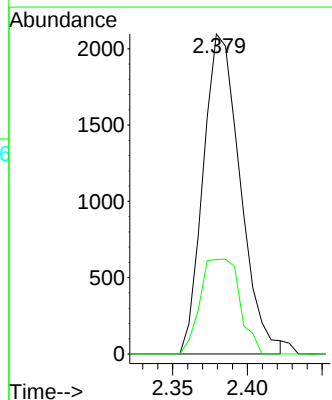
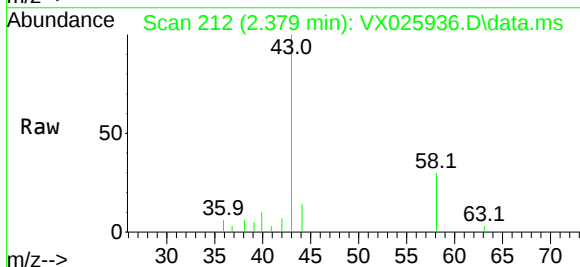
Acq: 20 Dec 2021 23:54

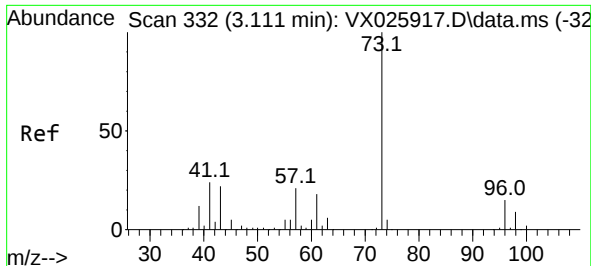
Tgt Ion: 43 Resp: 3606

Ion Ratio Lower Upper

43 100

58 0.0 0.0 65.6

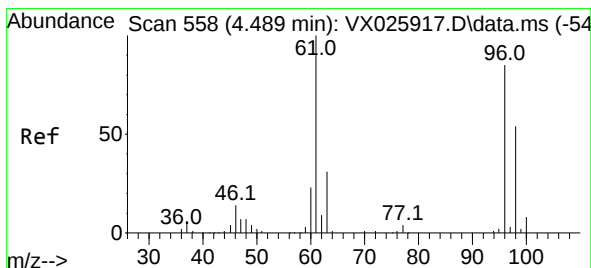
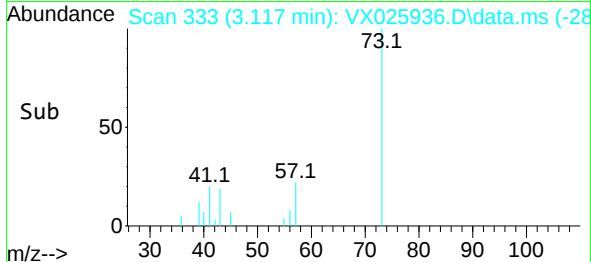
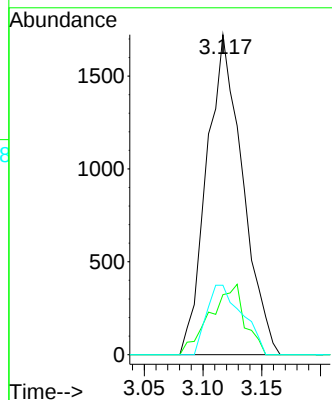
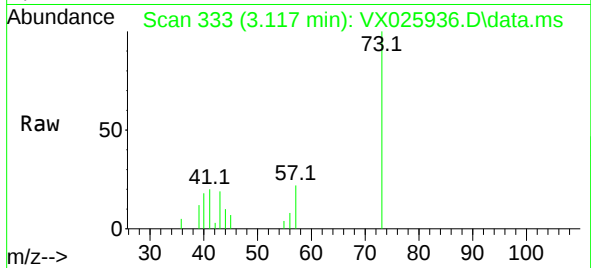




#18
Methyl tert-butyl Ether
Concen: 1.067 ug/L
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025936.D
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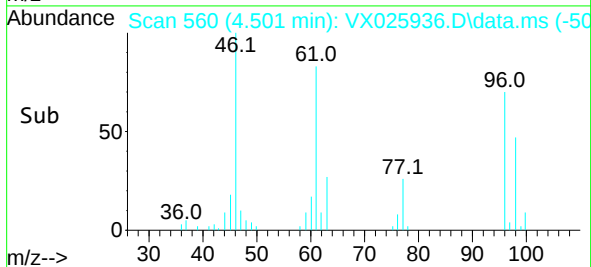
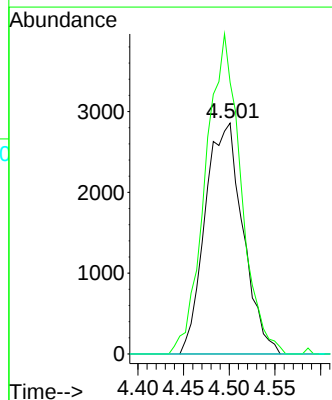
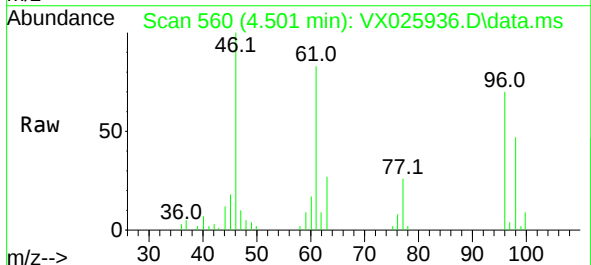
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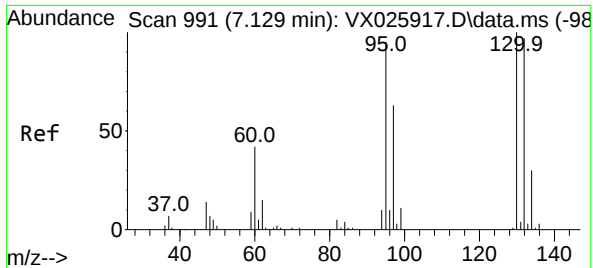
Tgt Ion: 73 Resp: 3671
Ion Ratio Lower Upper
73 100
43 21.1 15.7 23.5
57 21.3 17.3 25.9



#20
cis-1,2-Dichloroethene
Concen: 6.767 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX025936.D
Acq: 20 Dec 2021 23:54

Tgt Ion: 96 Resp: 8240
Ion Ratio Lower Upper
96 100
61 117.6 82.3 152.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 957.433 ug/L

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025936.D

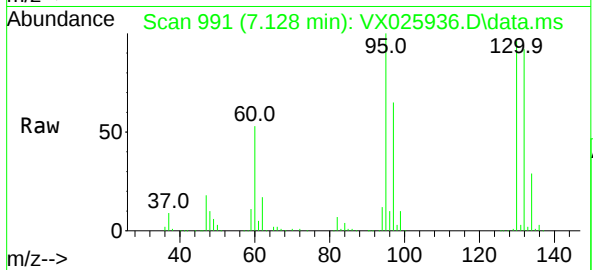
Acq: 20 Dec 2021 23:54

Instrument :

MSVOA_X

ClientSampleId :

GBBX4



Tgt Ion: 95 Resp: 1126395

Ion Ratio Lower Upper

95 100

97 64.8 46.0 85.4

132 92.0 75.0 139.2

130 96.5 77.9 144.7

