

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006932.D
 Acq On : 08 Aug 2018 14:30
 Operator : SY/MD
 Sample : J4357-17
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT5

Quant Time: Aug 09 07:13:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	183751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76473	6.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.80%#
7) Chloroethane-d5	1.58	69	60073	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	96960	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	3.96	46	171132	48.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.36%
24) Chloroform-d	4.41	84	122445	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	66028	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	237181	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	82213	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.37	98	182407	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	25480	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.15	63	81076	38.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59870	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	62886	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

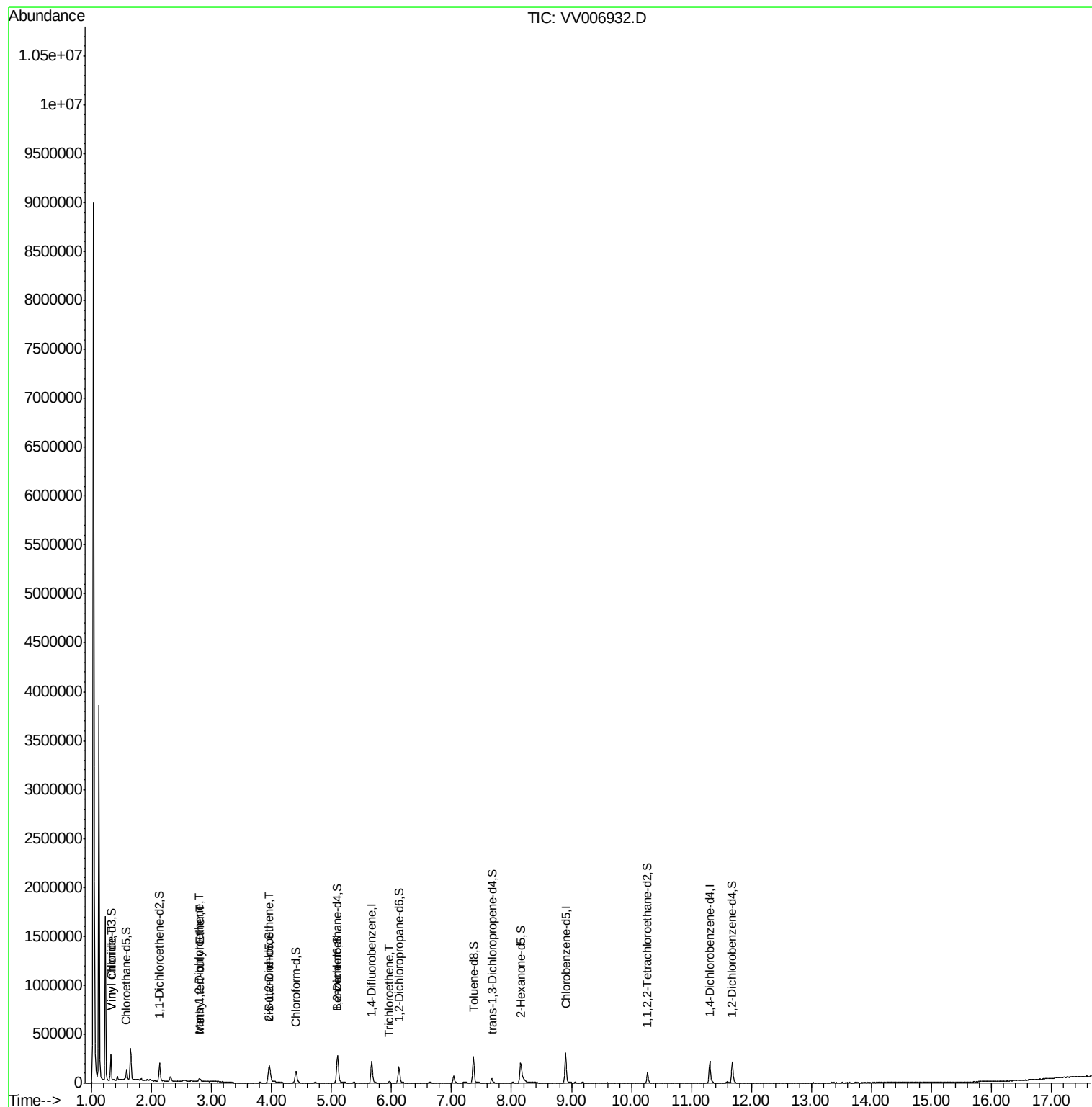
					Ovalue
5) Vinyl chloride	1.33	62	79215	4.59	ug/L 94
17) Methyl tert-butyl Ether	2.82	73	13666	0.43	ug/L # 13
18) trans-1,2-Dichloroethene	2.80	96	2881	0.22	ug/L 94
22) cis-1,2-Dichloroethene	3.97	96	47266	3.58	ug/L 94
34) Trichloroethene	5.96	95	5419	0.43	ug/L 91

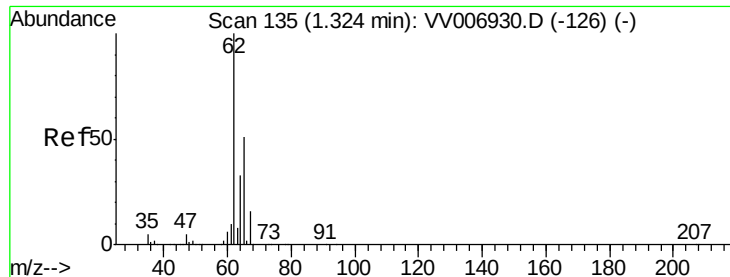
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.59 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV006932.D

Acq: 08 Aug 2018 14:30

Instrument :

MSVOA_V

ClientSampleId :

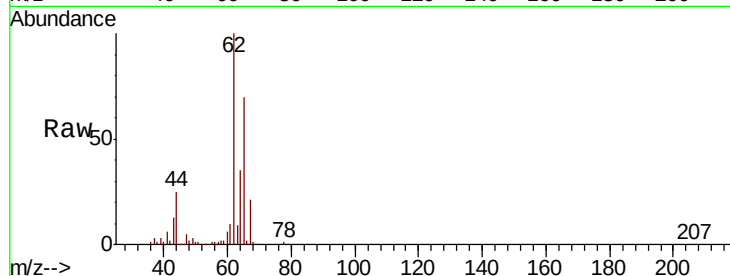
ESWT5

Tot Ion: 62 Resp: 79215

Ion Ratio Lower Upper

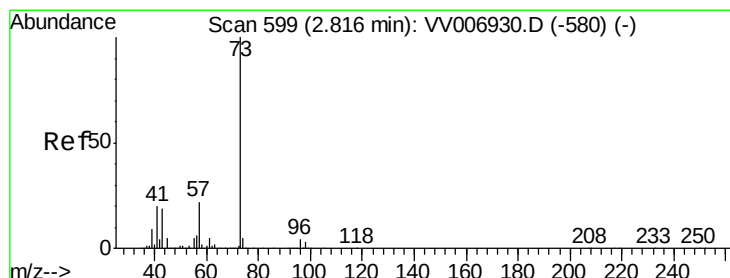
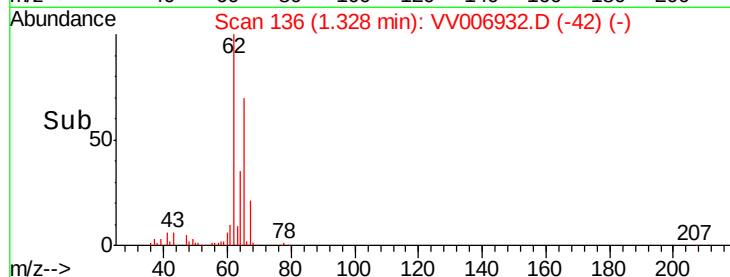
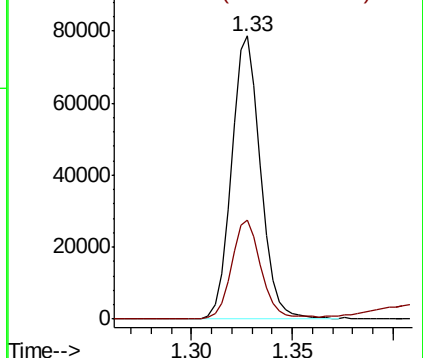
62 100

64 35.0 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#17

Methyl tert-butyl Ether

Concen: 0.43 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006932.D

Acq: 08 Aug 2018 14:30

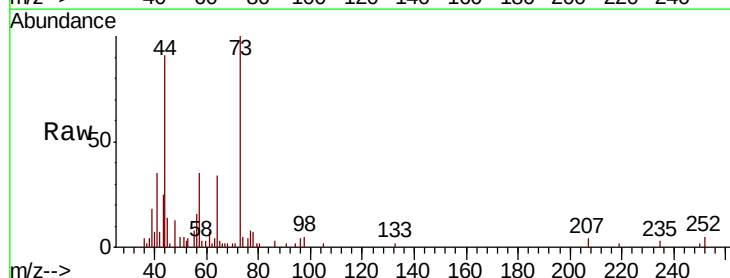
Tgt Ion: 73 Resp: 13666

Ion Ratio Lower Upper

73 100

43 29.1 15.3 22.9#

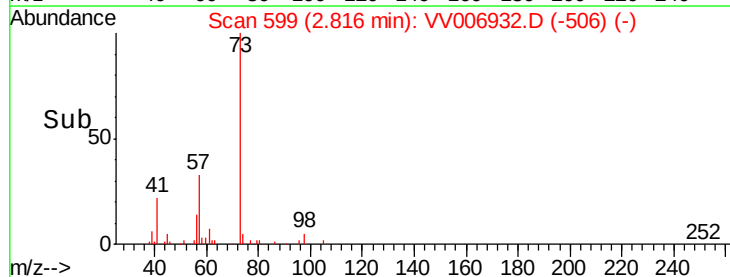
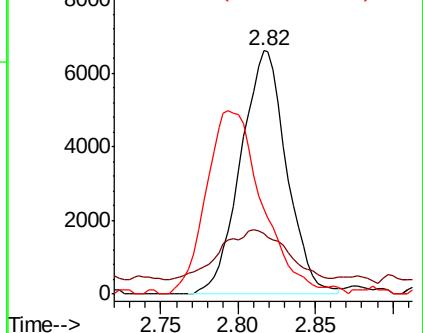
57 91.6 18.8 28.2#

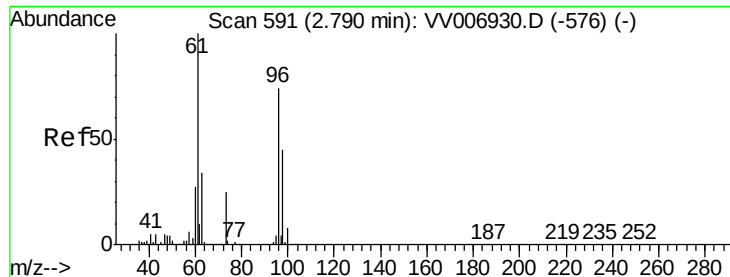


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.22 ug/L

RT: 2.80 min Scan# 593

Delta R.T. 0.01 min

Lab File: VV006932.D

Acq: 08 Aug 2018 14:30

Instrument :

MSVOA_V

ClientSampled :

ESWT5

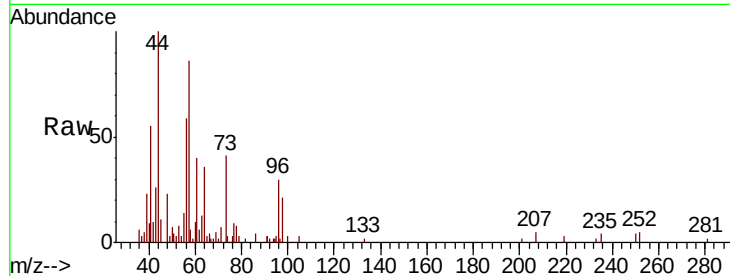
Tot Ion: 96 Resp: 2881

Ion Ratio Lower Upper

96 100

61 133.7 97.3 180.7

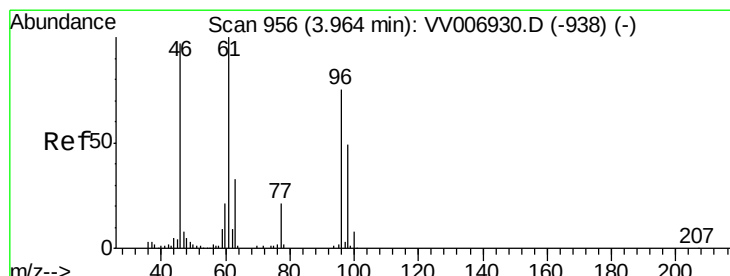
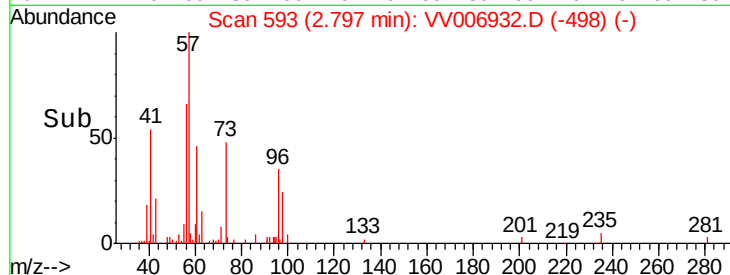
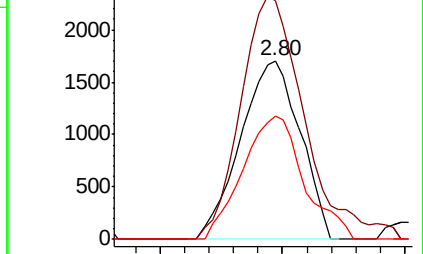
98 68.9 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006932.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006932.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006932.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.58 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV006932.D

Acq: 08 Aug 2018 14:30

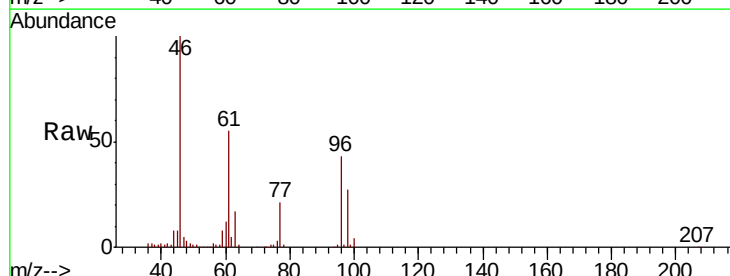
Tgt Ion: 96 Resp: 47266

Ion Ratio Lower Upper

96 100

61 128.9 95.5 177.4

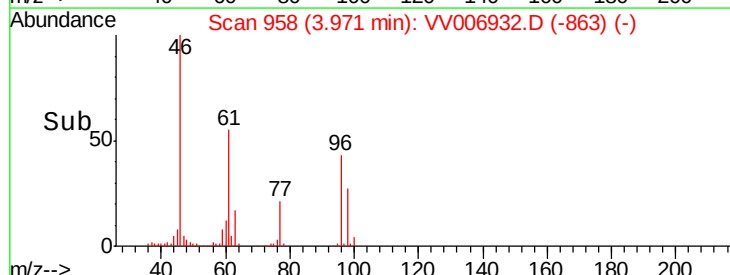
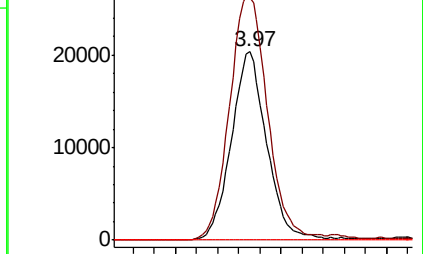
68 0.0 0.0 0.0

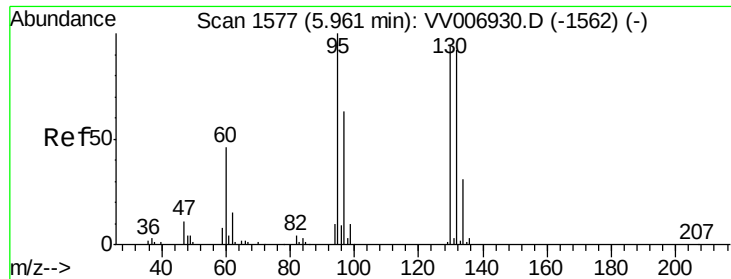


Abundance Ion 96.00 (95.70 to 96.70): VV006932.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006932.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006932.D (-863) (-)





#34
 Trichloroethene
 Concen: 0.43 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT5

Tot Ion:	95	Resp:	5419
Ion	Ratio	Lower	Upper
95	100		
97	70.1	44.4	82.4
132	106.6	65.6	121.8
130	93.0	68.8	127.8

