

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006833.D
 Acq On : 03 Aug 2018 03:32
 Operator : SY/MD
 Sample : J4227-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ1

Quant Time: Aug 03 04:31:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235038	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79994	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	72005	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	111446	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	244099	61.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.66%
24) Chloroform-d	4.41	84	143111	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	77298	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	284085	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	95180	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.37	98	219932	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	28046	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	149807	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76660	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75007	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

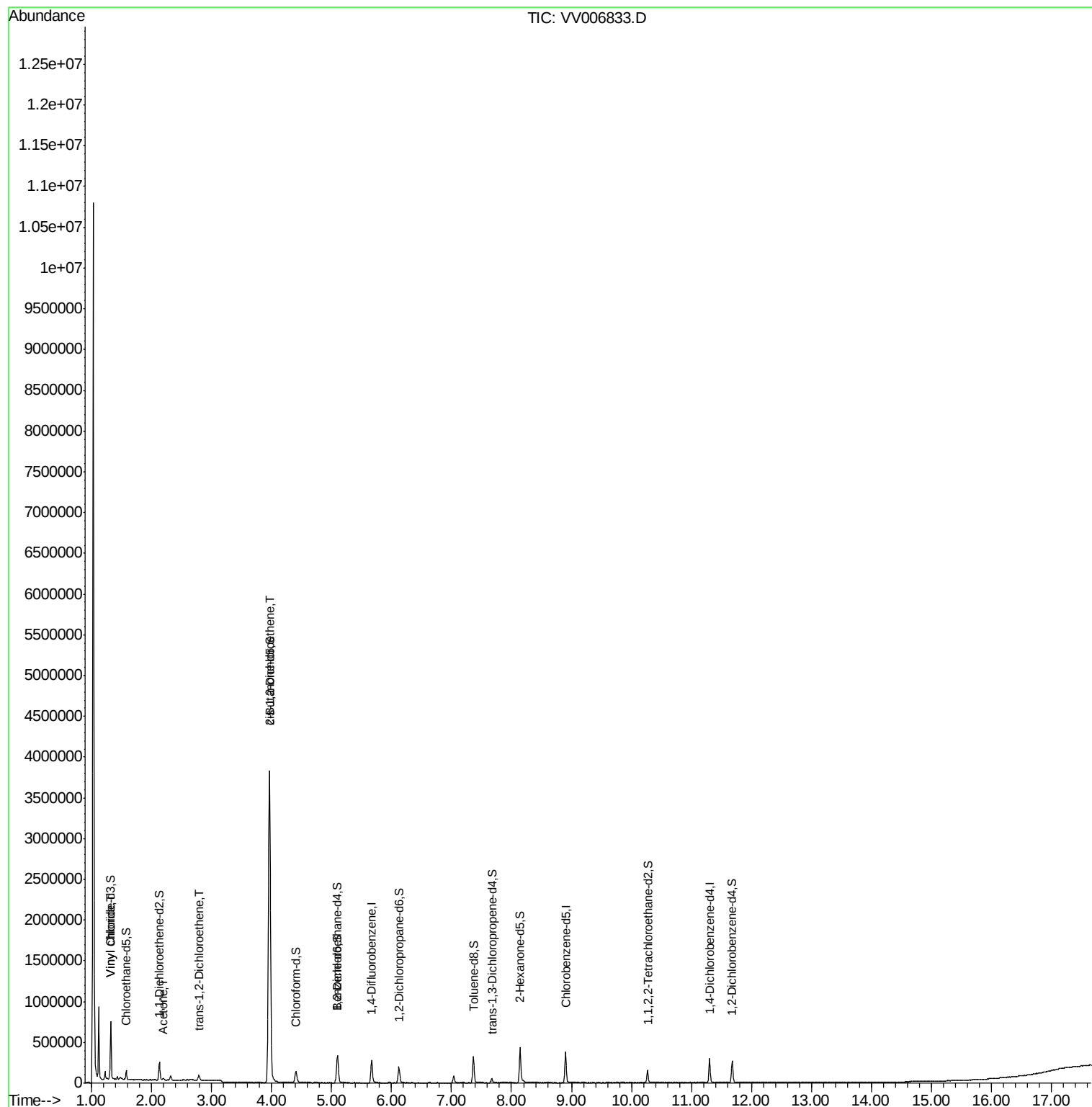
					Ovalue
5) Vinyl chloride	1.32	62	327515	15.53	ug/L 99
13) Acetone	2.20	43	15825	5.68	ug/L 94
18) trans-1,2-Dichloroethene	2.79	96	24151	1.48	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	2104618	119.80	ug/L 98

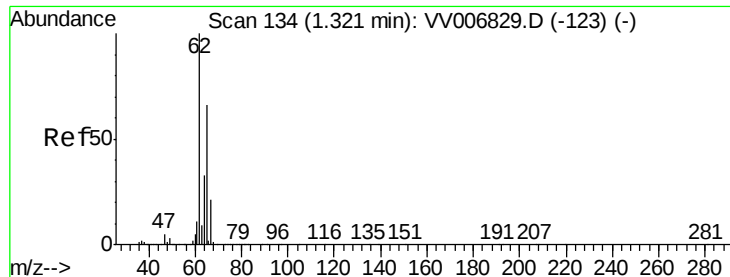
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.53 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Acq: 03 Aug 2018 03:32

Instrument :

MSVOA_V

ClientSampleId :

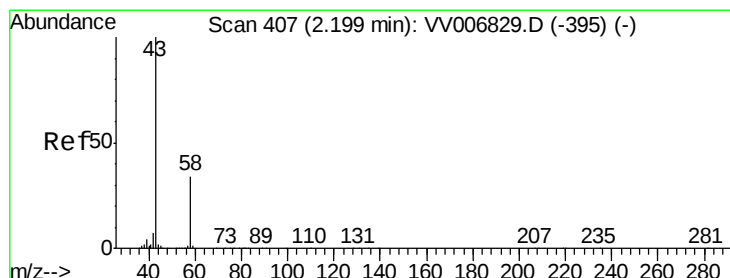
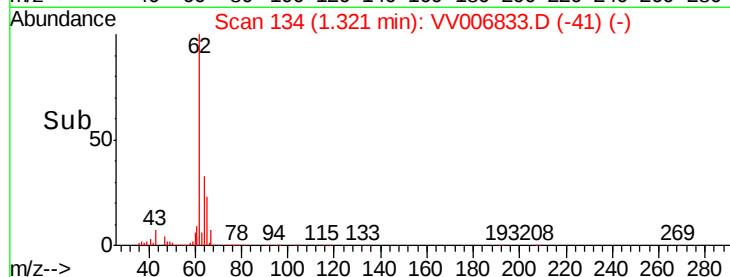
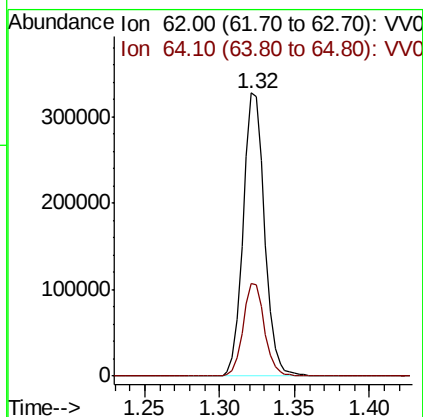
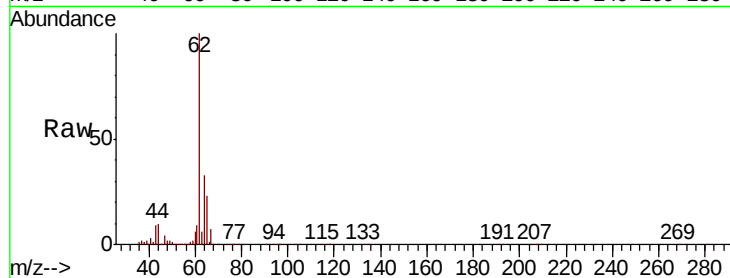
ESWQ1

Tot Ion: 62 Resp: 327515

Ion Ratio Lower Upper

62 100

64 32.9 23.7 43.9



#13

Acetone

Concen: 5.68 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006833.D

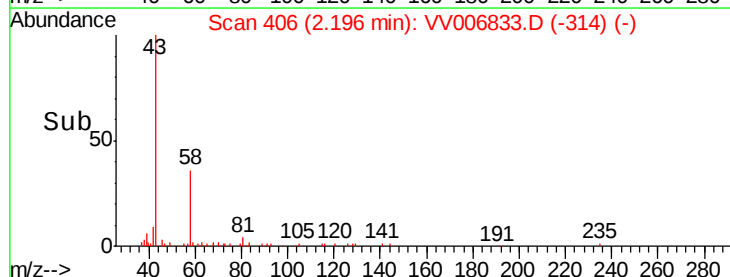
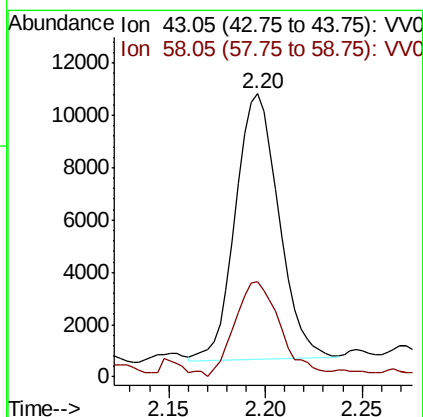
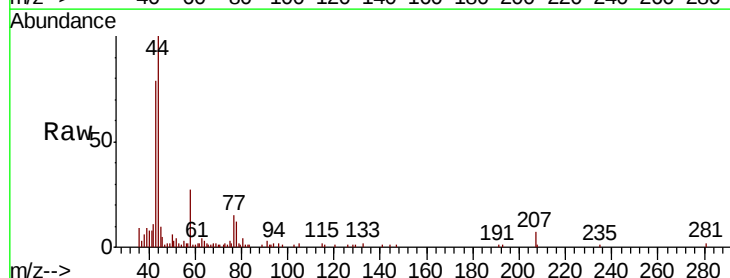
Acq: 03 Aug 2018 03:32

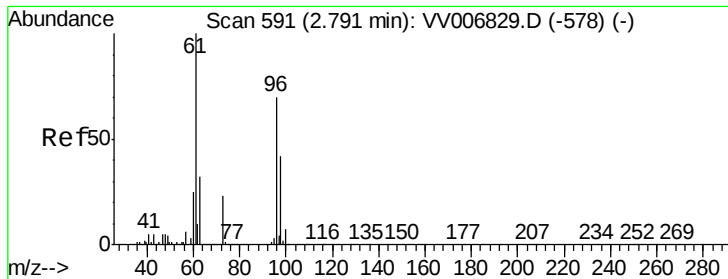
Tgt Ion: 43 Resp: 15825

Ion Ratio Lower Upper

43 100

58 38.2 0.0 69.0





#18

trans-1,2-Dichloroethene

Concen: 1.48 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

Instrument :

MSVOA_V

ClientSampleId :

ESWQ1

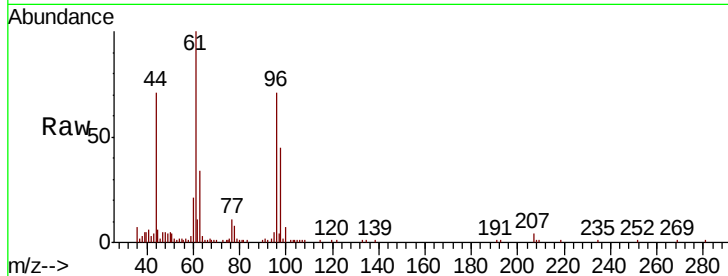
Tot Ion: 96 Resp: 24151

Ion Ratio Lower Upper

96 100

61 141.2 99.0 183.8

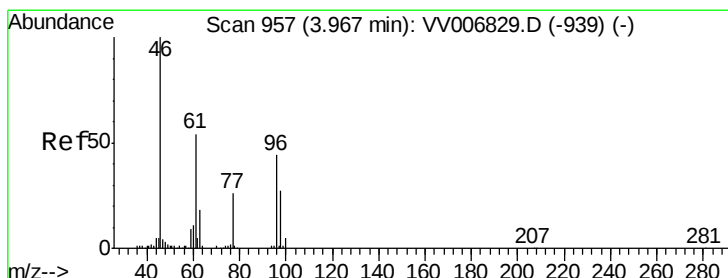
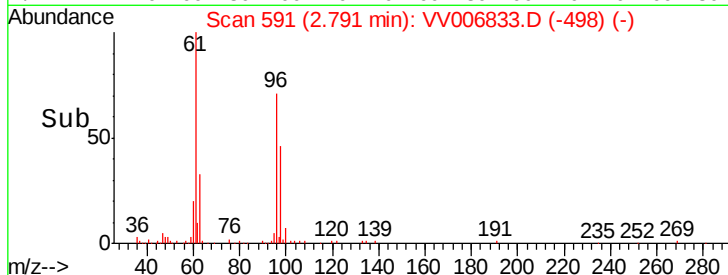
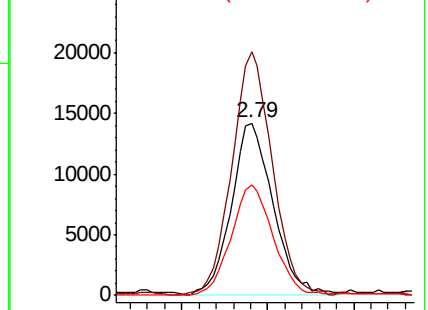
98 63.9 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV006833.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006833.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006833.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 119.80 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

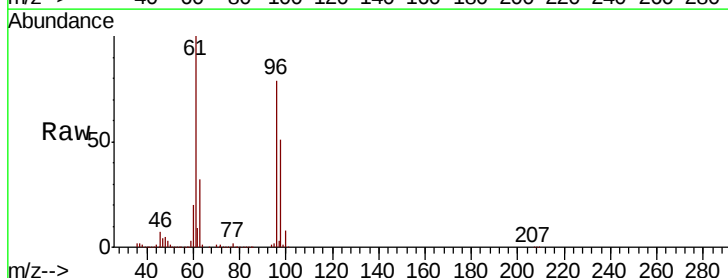
Tgt Ion: 96 Resp: 2104618

Ion Ratio Lower Upper

96 100

61 126.4 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006833.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006833.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006833.D (-864) (-)

