

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006835.D
 Acq On : 03 Aug 2018 04:26
 Operator : SY/MD
 Sample : J4227-03
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ3

Quant Time: Aug 03 11:48:40 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	230175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206275	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83283	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	74348	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.13	63	118240	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.95	46	263044	68.03	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.06%#
24) Chloroform-d	4.41	84	149095	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.09	65	81129	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.10	84	292291	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	100026	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.37	98	227304	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	30438	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	146756	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81181	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	76587	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

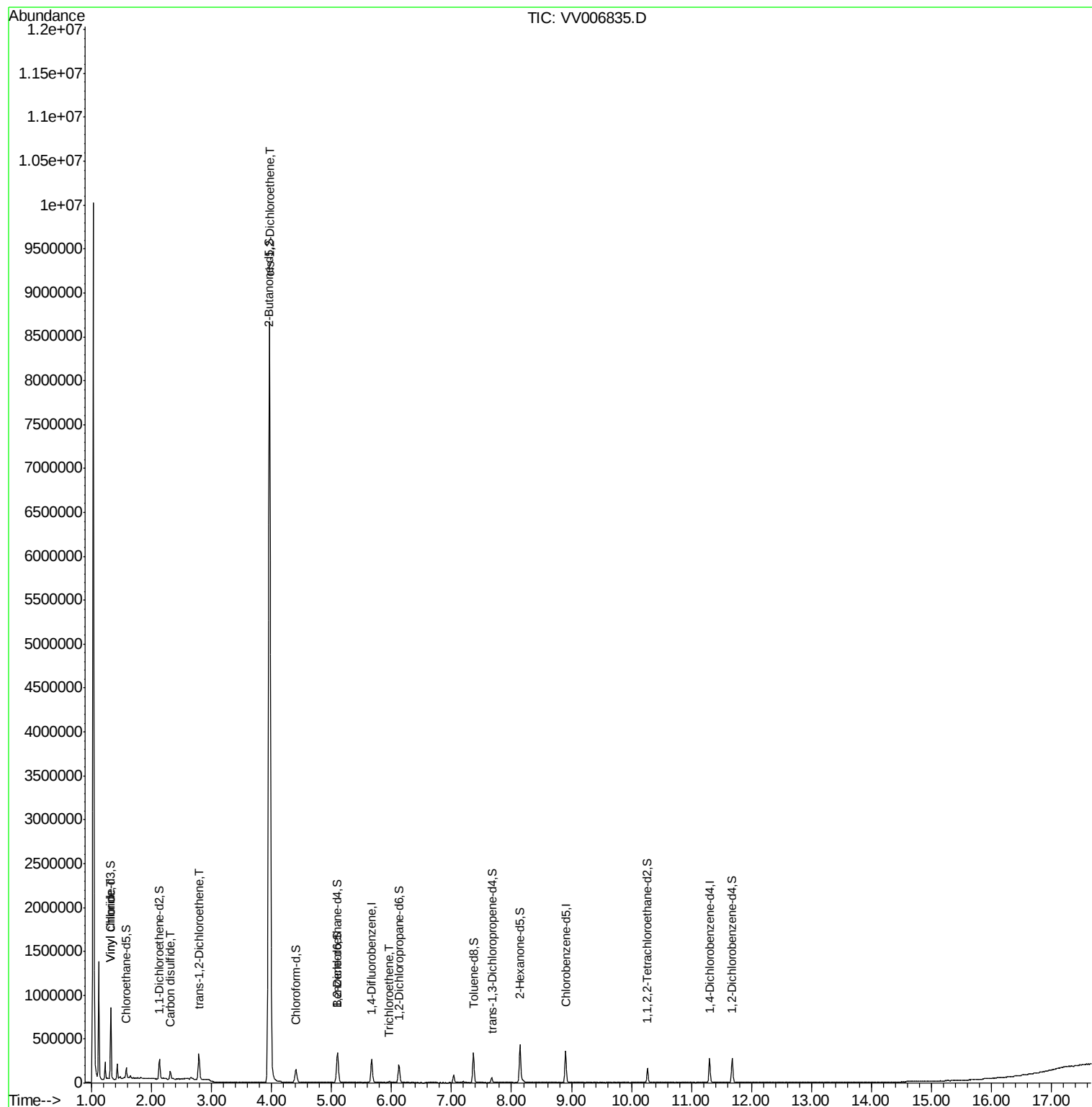
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	332972	16.12	ug/L	98
14) Carbon disulfide	2.32	76	13695	0.31	ug/L	# 59
18) trans-1,2-Dichloroethene	2.79	96	106893	6.67	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	4840952	281.38	ug/L	99
34) Trichloroethene	5.96	95	5618	0.35	ug/L	88

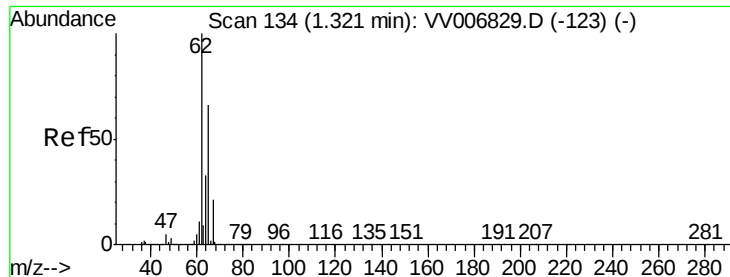
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 16.12 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

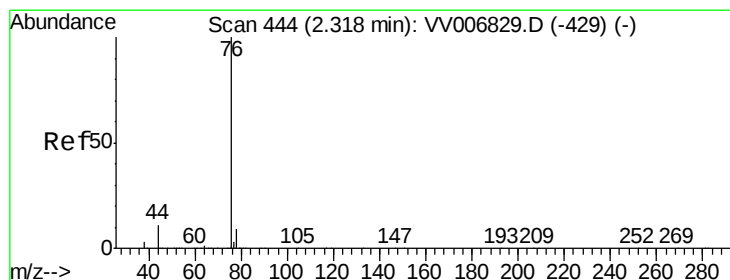
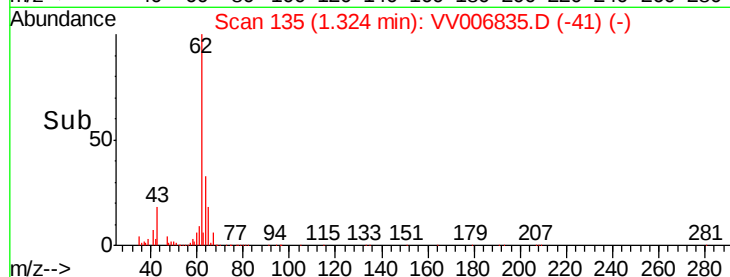
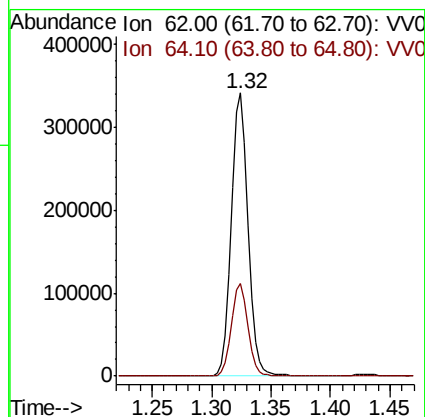
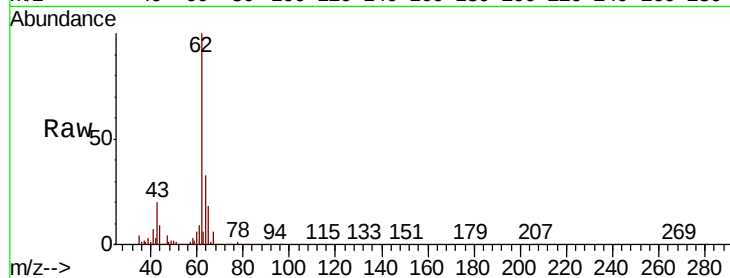
ESWQ3

Tot Ion: 62 Resp: 332972

Ion Ratio Lower Upper

62 100

64 32.5 23.7 43.9



#14

Carbon disulfide

Concen: 0.31 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006835.D

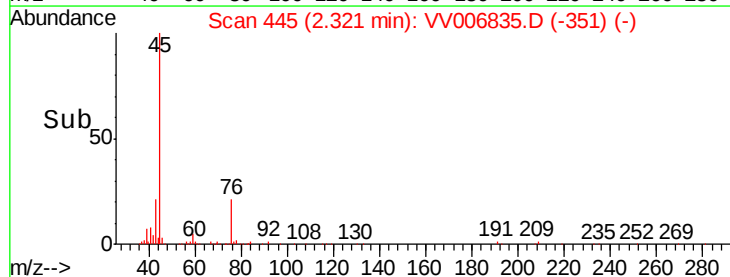
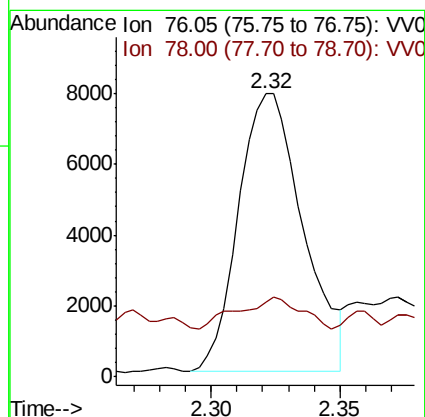
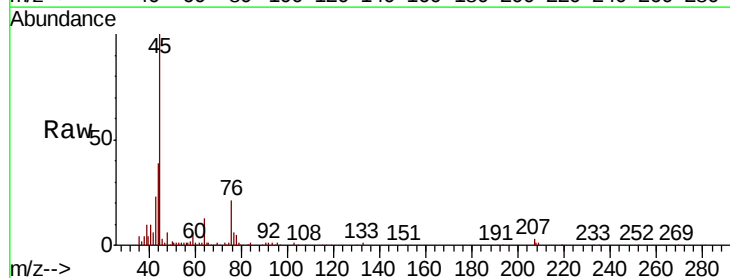
Acq: 03 Aug 2018 04:26

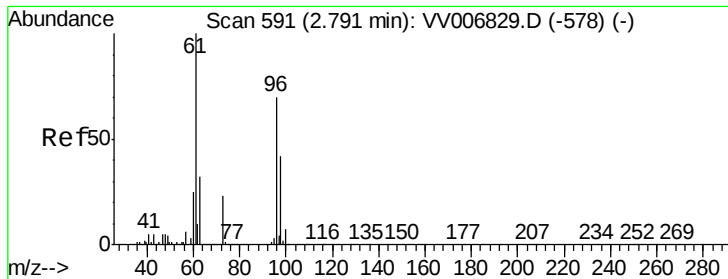
Tgt Ion: 76 Resp: 13695

Ion Ratio Lower Upper

76 100

78 26.3 8.7 13.1#





#18

trans-1,2-Dichloroethene

Concen: 6.67 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006835.D

Acq: 03 Aug 2018 04:26

Instrument :

MSVOA_V

ClientSampleId :

ESWQ3

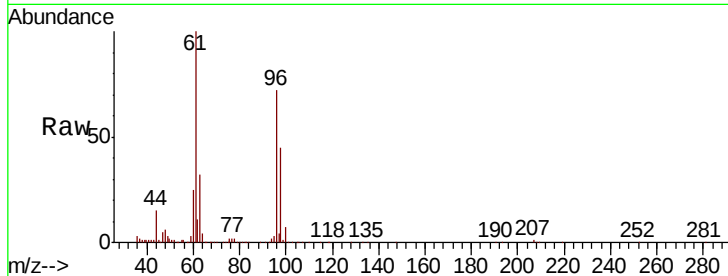
Tot Ion: 96 Resp: 106893

Ion Ratio Lower Upper

96 100

61 138.9 99.0 183.8

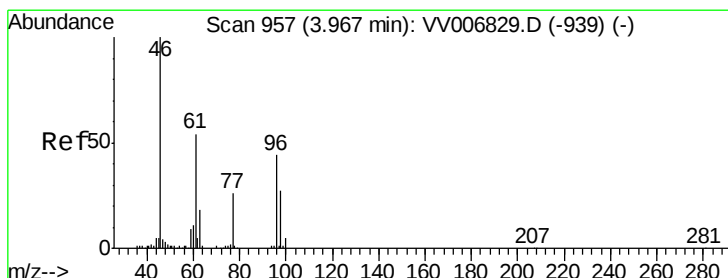
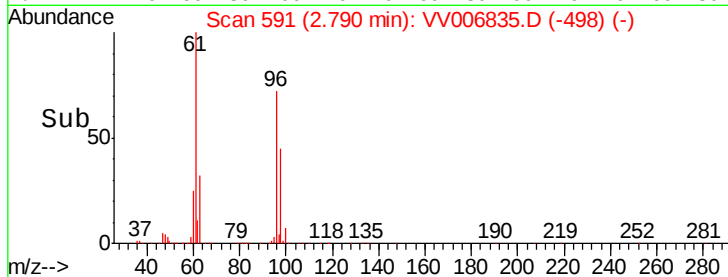
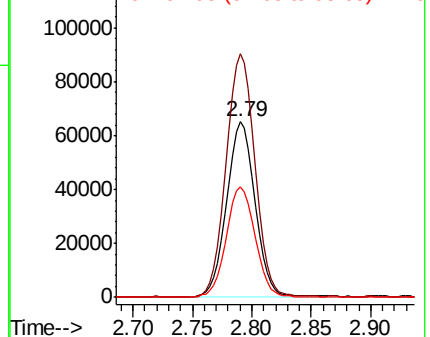
98 63.1 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV006835.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006835.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006835.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 281.38 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV006835.D

Acq: 03 Aug 2018 04:26

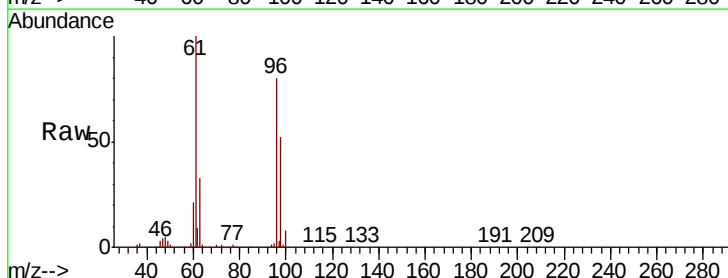
Tgt Ion: 96 Resp: 4840952

Ion Ratio Lower Upper

96 100

61 125.2 86.6 160.8

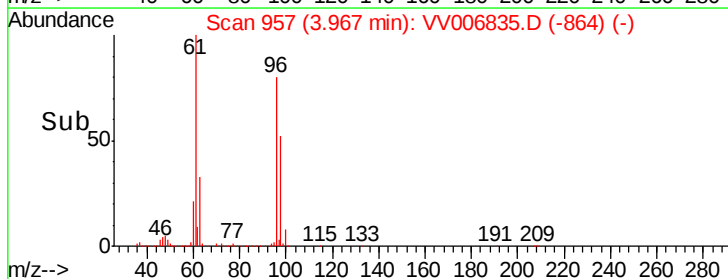
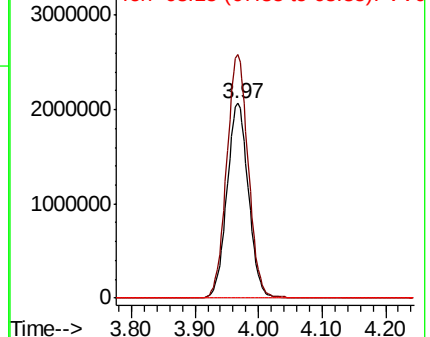
68 0.0 0.0 0.0

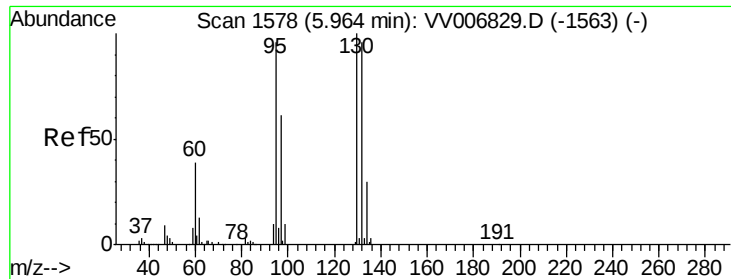


Abundance Ion 96.00 (95.70 to 96.70): VV006835.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006835.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006835.D (-864) (-)





#34
 Trichloroethene
 Concen: 0.35 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006835.D
 Acq: 03 Aug 2018 04:26

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ3

Tot Ion:	95	Resp:	5618
Ion	Ratio	Lower	Upper
95	100		
97	80.9	46.3	86.1
132	116.0	72.0	133.6
130	110.8	72.4	134.4

