

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007165.D
 Acq On : 24 Aug 2018 01:56
 Operator : SY/MD
 Sample : J4622-10
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK2

Quant Time: Aug 24 04:33:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	594462	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	580925	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	240586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164264	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.94%
7) Chloroethane-d5	1.56	69	130233	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	221077	31.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.92%
21) 2-Butanone-d5	3.95	46	417117	131.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.19%#
24) Chloroform-d	4.40	84	357622	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.09	65	231547	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.10	84	718494	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	244415	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.52%
41) Toluene-d8	7.36	98	574537	40.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.90%
43) trans-1,3-Dichloropropene-	7.67	79	93809	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.04%
47) 2-Hexanone-d5	8.14	63	213884	112.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	373389	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	235031	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

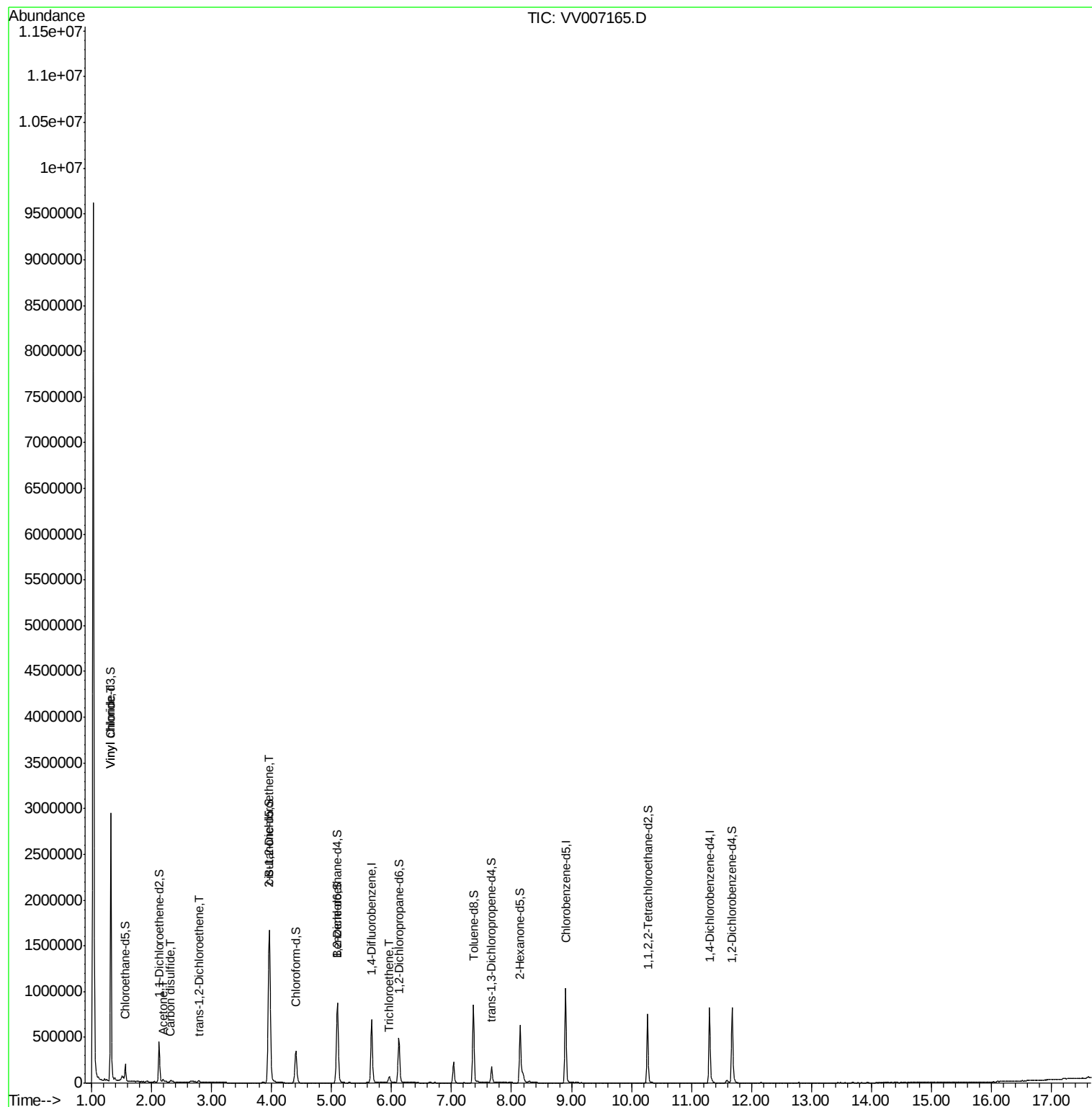
						Ovalue
5) Vinyl chloride	1.32	62	1834595	324.96	ug/L	99
13) Acetone	2.20	43	21159	8.48	ug/L	93
14) Carbon disulfide	2.31	76	15642	1.30	ug/L #	91
17) trans-1,2-Dichloroethene	2.79	96	5981	1.39	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	835776	167.58	ug/L	100
34) Trichloroethene	5.97	95	20892	4.43	ug/L	97

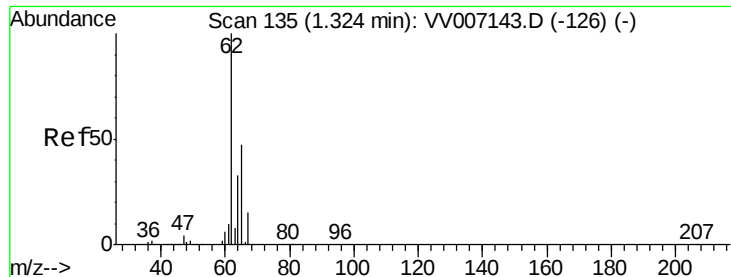
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 324.96 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007165.D

Acq: 24 Aug 2018 01:56

Instrument :

MSVOA_V

ClientSampled :

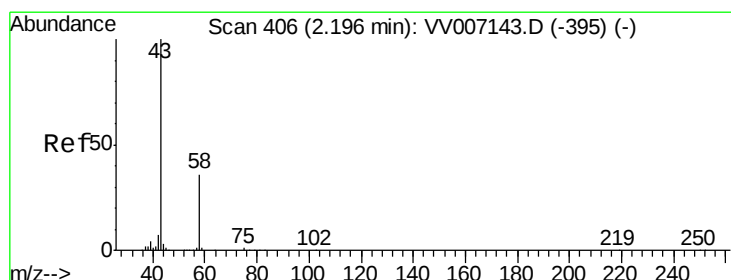
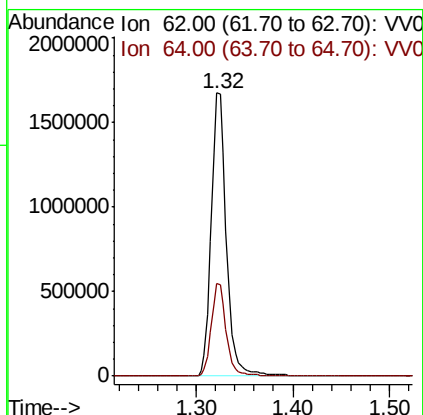
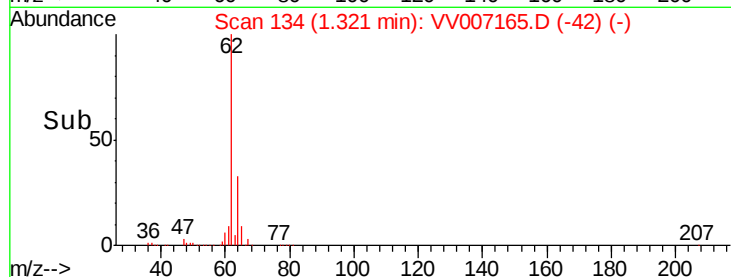
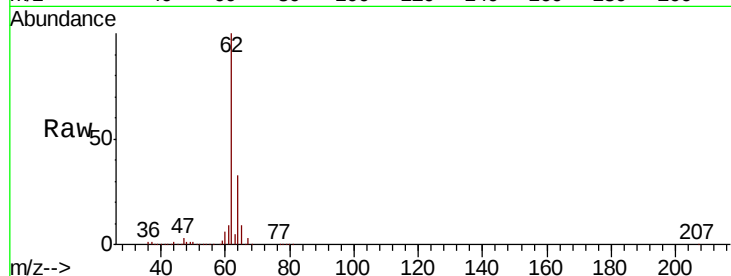
ETBK2

Tot Ion: 62 Resp: 1834595

Ion Ratio Lower Upper

62 100

64 32.6 23.4 43.4



#13

Acetone

Concen: 8.48 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV007165.D

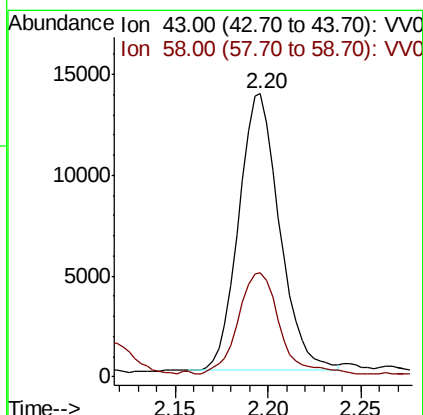
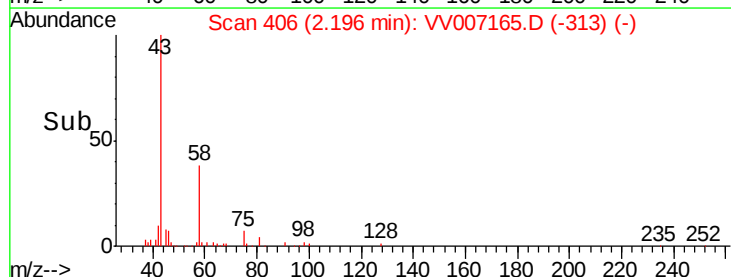
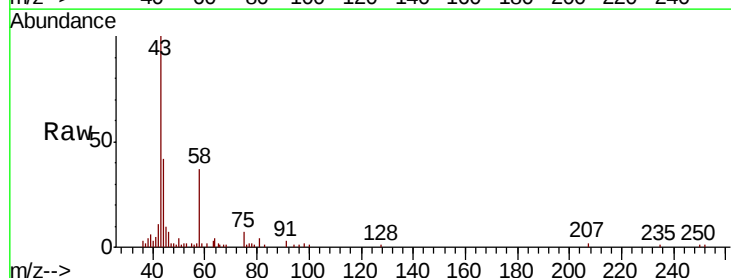
Acq: 24 Aug 2018 01:56

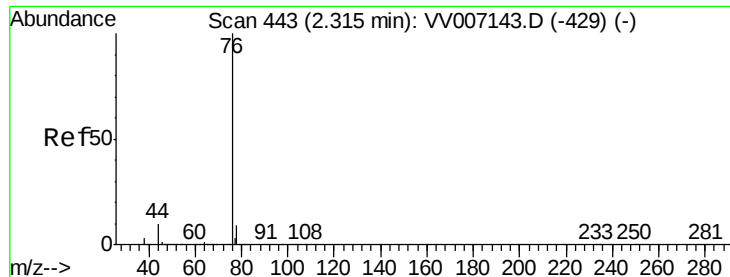
Tgt Ion: 43 Resp: 21159

Ion Ratio Lower Upper

43 100

58 40.6 0.0 73.0





#14

Carbon disulfide

Concen: 1.30 ug/L

RT: 2.31 min Scan# 443

Delta R.T. 0.00 min

Lab File: VV007165.D

Acq: 24 Aug 2018 01:56

Instrument :

MSVOA_V

ClientSampled :

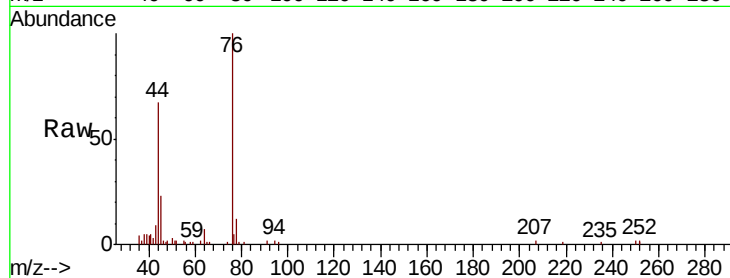
ETBK2

Tot Ion: 76 Resp: 15642

Ion Ratio Lower Upper

76 100

78 12.4 7.2 10.8#



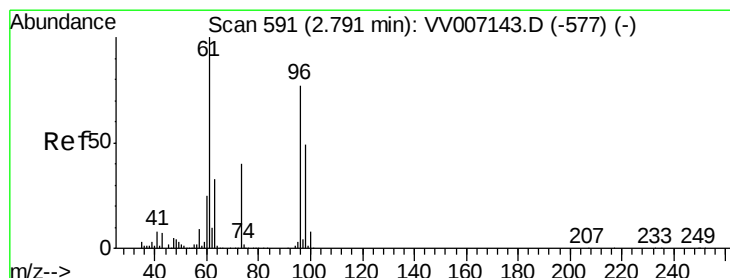
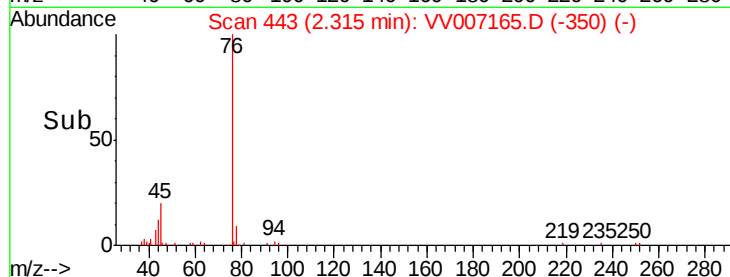
Abundance Ion 76.00 (75.70 to 76.70): VV007143.D (-429) (-)

Ion 78.00 (77.70 to 78.70): VV007143.D (-429) (-)

2.31

2.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.39 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007165.D

Acq: 24 Aug 2018 01:56

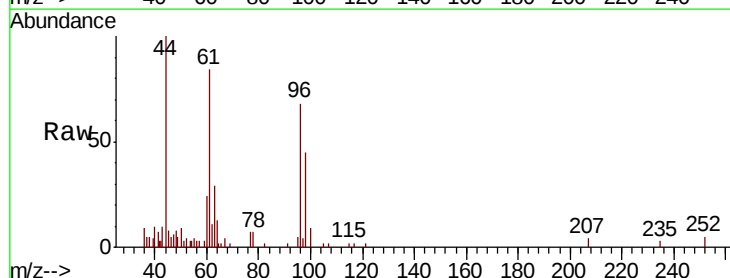
Tgt Ion: 96 Resp: 5981

Ion Ratio Lower Upper

96 100

61 123.2 89.1 165.5

98 65.3 43.6 81.0



Abundance Ion 96.00 (95.70 to 96.70): VV007143.D (-577) (-)

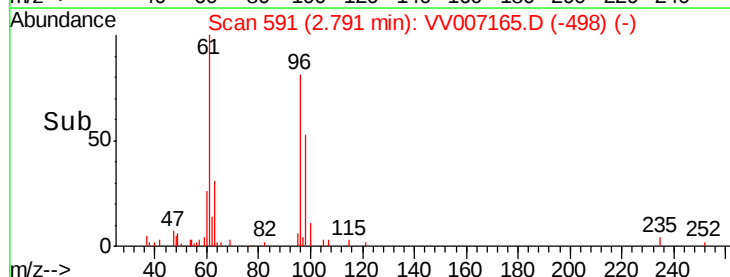
Ion 61.00 (60.70 to 61.70): VV007143.D (-577) (-)

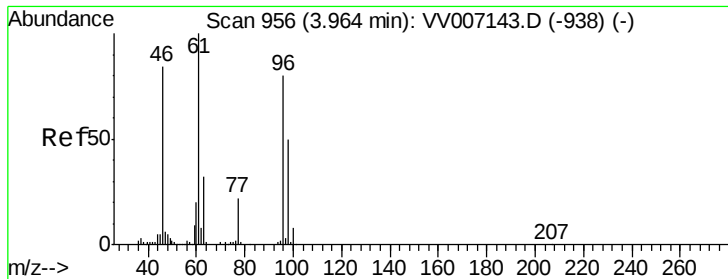
Ion 98.00 (97.70 to 98.70): VV007143.D (-577) (-)

2.79

2.80

Time-->

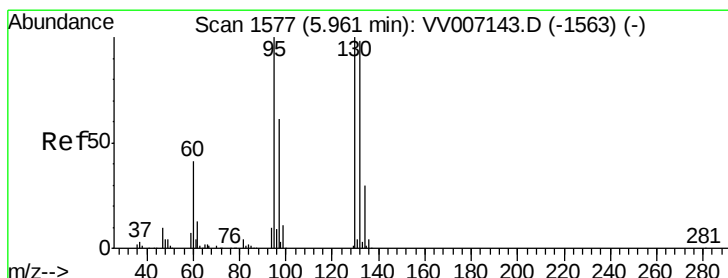
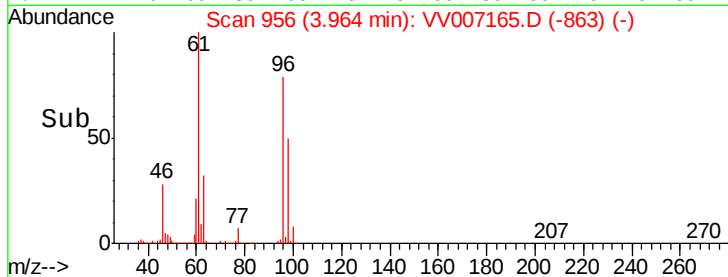
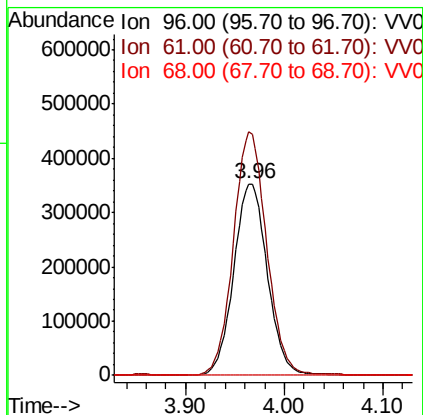
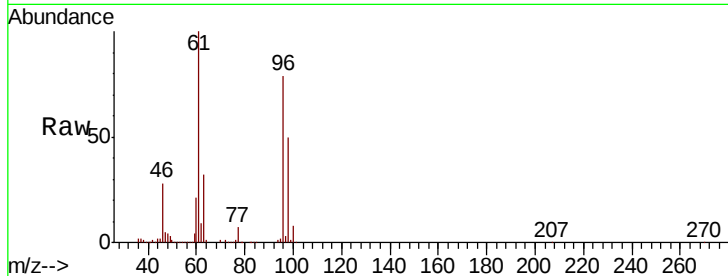




#20
 cis-1,2-Dichloroethene
 Concen: 167.58 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV007165.D
 Acq: 24 Aug 2018 01:56

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK2

Tot Ion: 96 Resp: 835776
 Ion Ratio Lower Upper
 96 100
 61 127.0 89.0 165.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.43 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VV007165.D
 Acq: 24 Aug 2018 01:56

Tgt Ion: 95 Resp: 20892
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.1 83.9
 132 93.0 69.7 129.4
 130 103.3 73.6 136.6

