

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007164.D
 Acq On : 24 Aug 2018 01:31
 Operator : SY/MD
 Sample : J4622-12
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK4

Quant Time: Aug 24 04:07:15 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	571502	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	554442	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	220609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209972	58.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.92%
7) Chloroethane-d5	1.57	69	125084	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.30%
11) 1,1-Dichloroethene-d2	2.13	63	222107	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.80%
21) 2-Butanone-d5	3.96	46	432189	141.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.39%#
24) Chloroform-d	4.41	84	354925	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.09	65	227804	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.10	84	695919	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
36) 1,2-Dichloropropane-d6	6.12	67	237869	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.37	98	535308	39.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.96%#
43) trans-1,3-Dichloropropene-	7.67	79	94159	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.14	63	213461	117.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.77%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	366472	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	216917	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

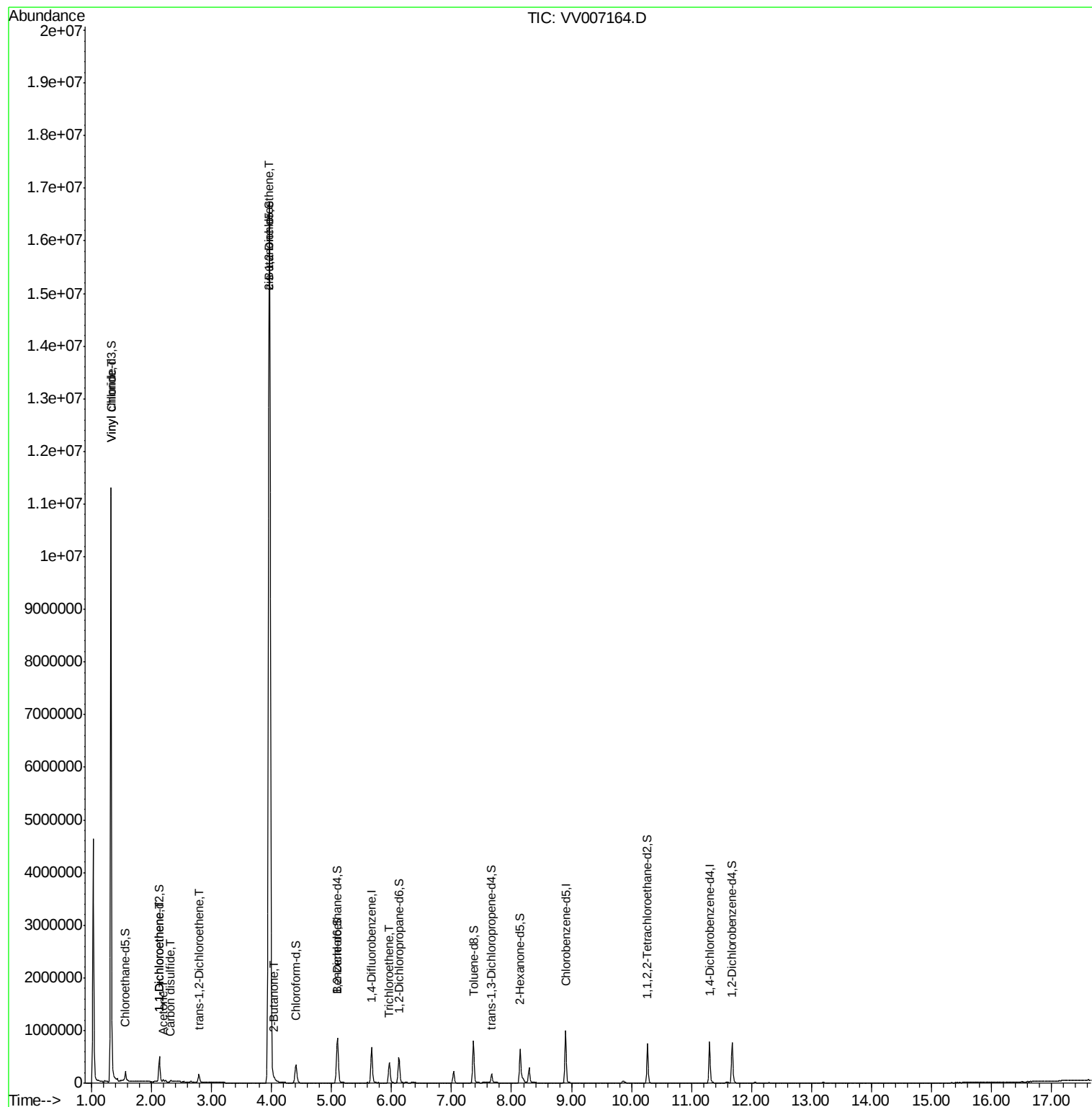
						Ovalue
5) Vinyl chloride	1.32	62	7524301	1386.32	ug/L	95
12) 1,1-Dichloroethene	2.14	96	45814	12.04	ug/L #	55
13) Acetone	2.20	43	35550	14.83	ug/L	97
14) Carbon disulfide	2.32	76	36611	3.15	ug/L #	91
17) trans-1,2-Dichloroethene	2.79	96	60592	14.69	ug/L	93
20) cis-1,2-Dichloroethene	3.97	96	9460755	1973.17	ug/L	97
22) 2-Butanone	4.05	43	26243	6.93	ug/L	96
34) Trichloroethene	5.96	95	132854	29.51	ug/L	98

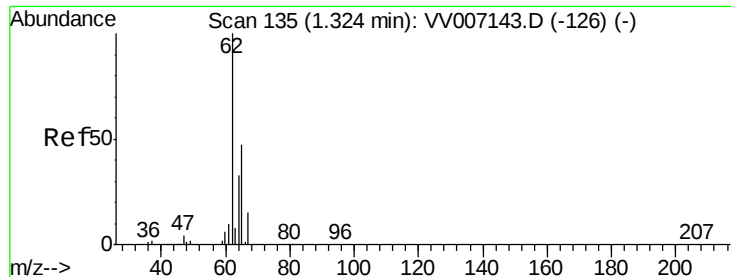
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1386.32 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

Instrument :

MSVOA_V

ClientSampled :

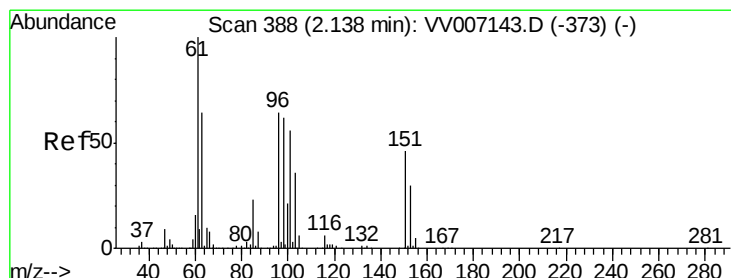
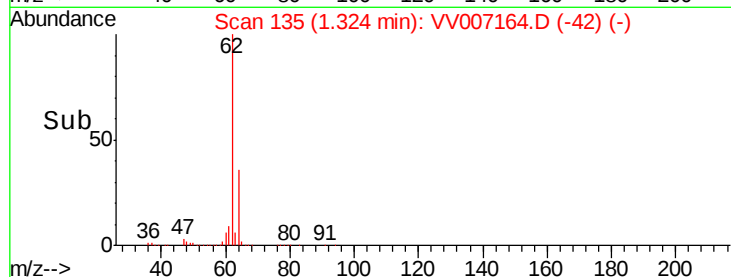
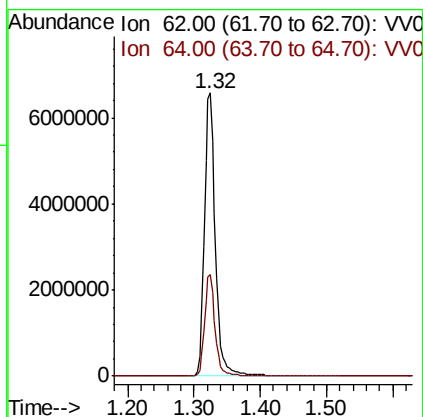
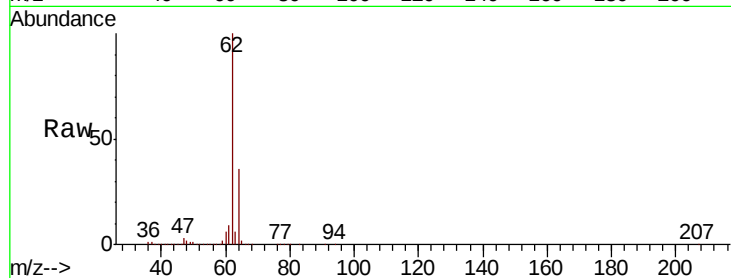
ETBK4

Tot Ion: 62 Resp: 7524301

Ion Ratio Lower Upper

62 100

64 36.1 23.4 43.4



#12

1,1-Dichloroethene

Concen: 12.04 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

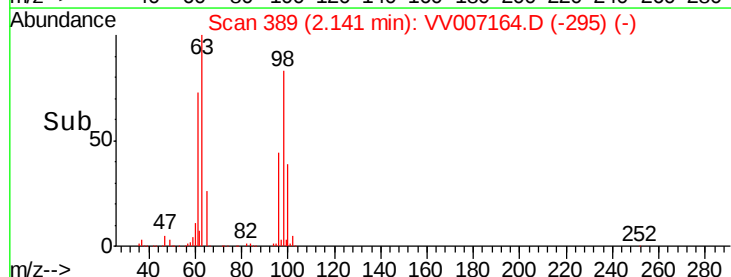
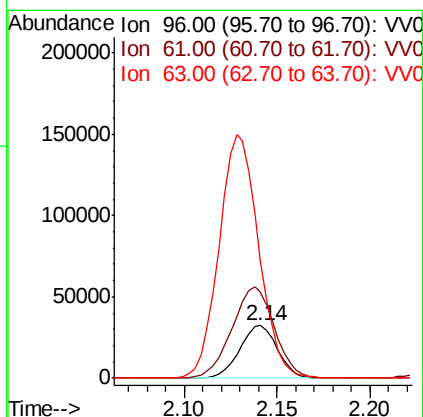
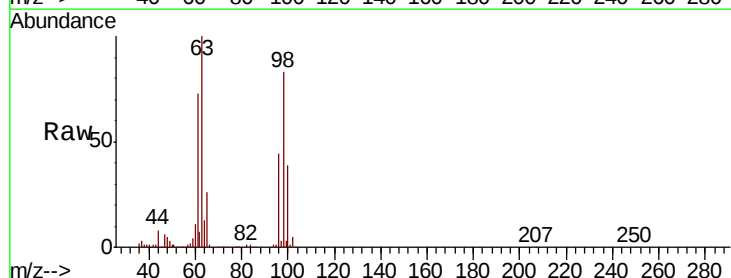
Tgt Ion: 96 Resp: 45814

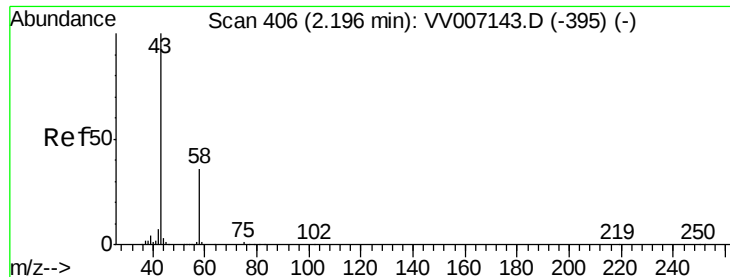
Ion Ratio Lower Upper

96 100

61 164.0 110.0 204.2

63 224.9 81.8 152.0#





#13

Acetone

Concen: 14.83 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

Instrument :

MSVOA_V

ClientSampleId :

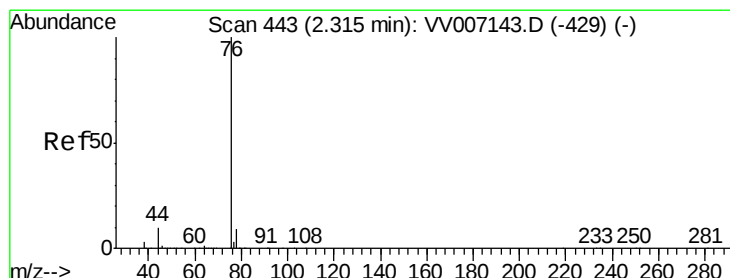
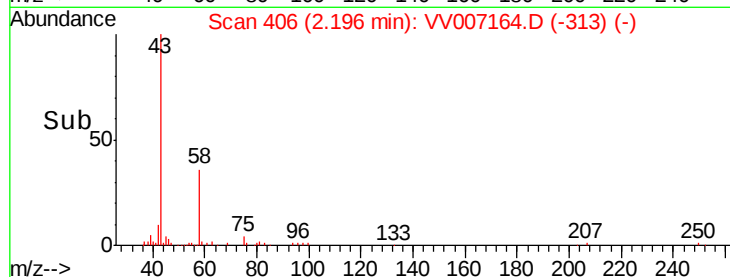
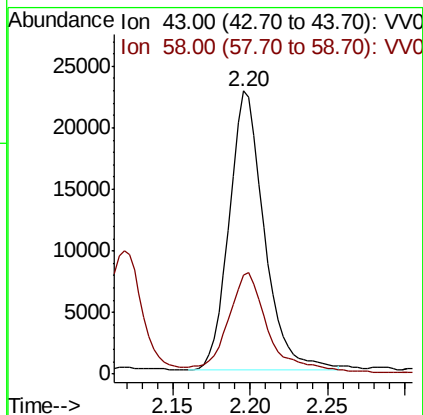
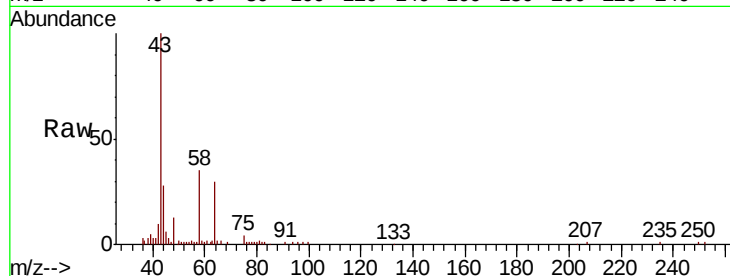
ETBK4

Tot Ion: 43 Resp: 35550

Ion Ratio Lower Upper

43 100

58 34.8 0.0 73.0



#14

Carbon disulfide

Concen: 3.15 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.01 min

Lab File: VV007164.D

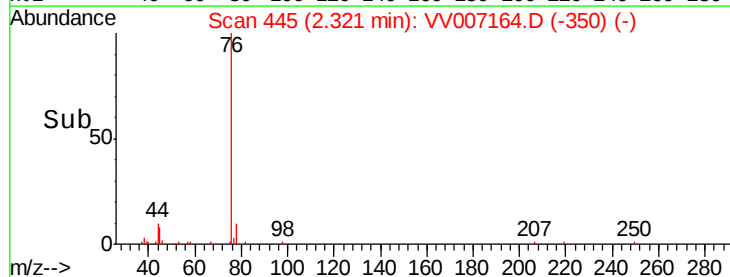
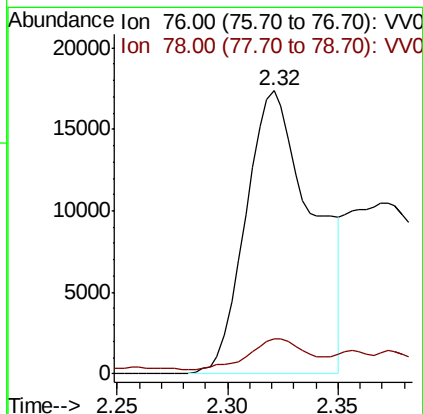
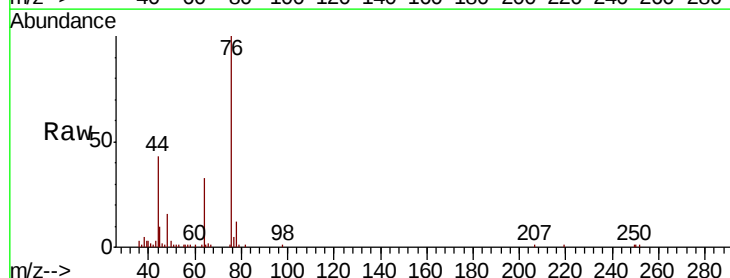
Acq: 24 Aug 2018 01:31

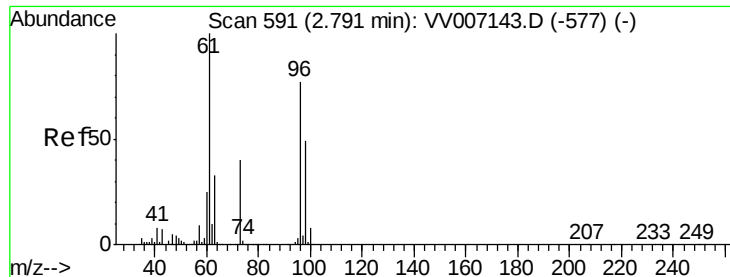
Tgt Ion: 76 Resp: 36611

Ion Ratio Lower Upper

76 100

78 12.3 7.2 10.8#





#17

trans-1,2-Dichloroethene

Concen: 14.69 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

Instrument :

MSVOA_V

ClientSampled :

ETBK4

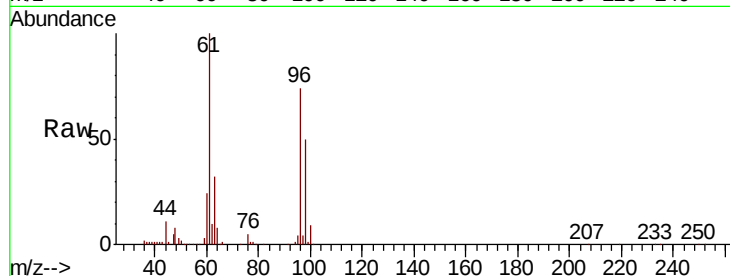
Tot Ion: 96 Resp: 60592

Ion Ratio Lower Upper

96 100

61 135.9 89.1 165.5

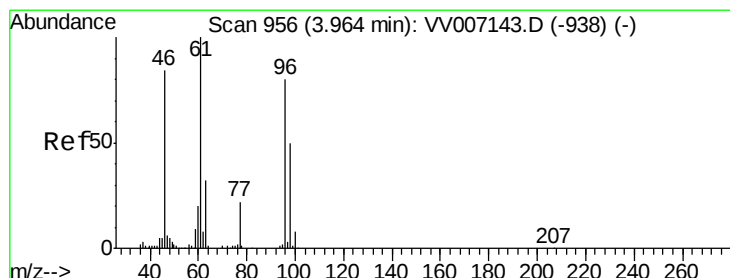
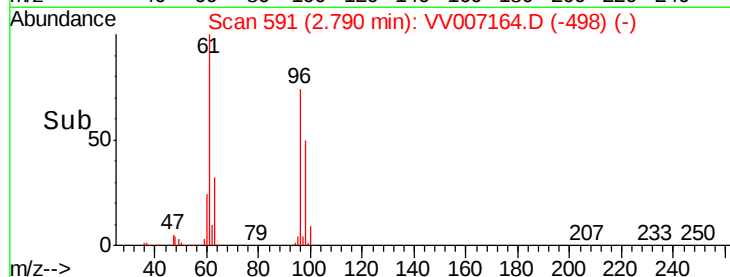
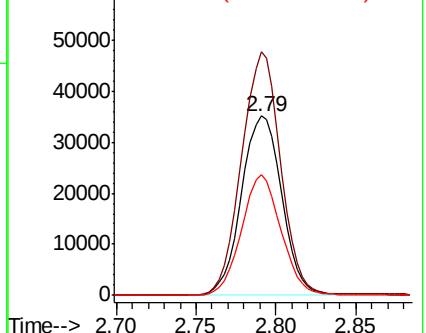
98 67.4 43.6 81.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1973.17 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

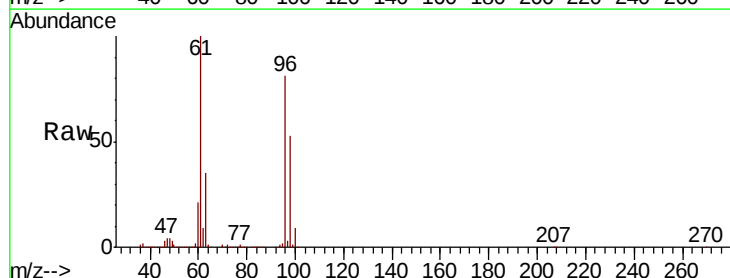
Tgt Ion: 96 Resp: 9460755

Ion Ratio Lower Upper

96 100

61 123.3 89.0 165.4

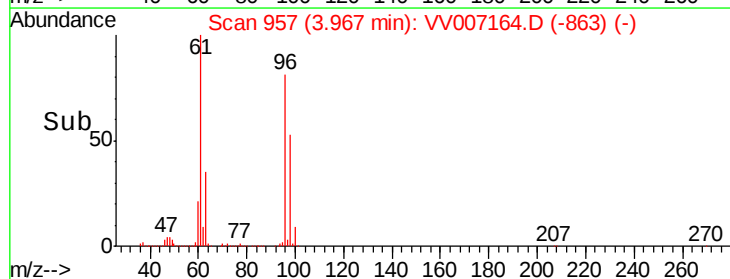
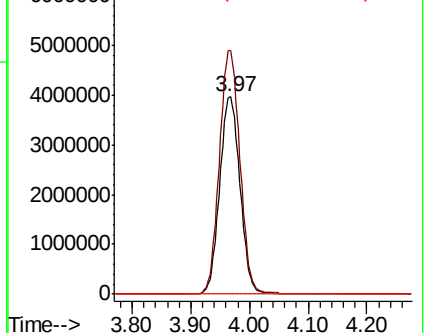
68 0.0 0.0 0.0

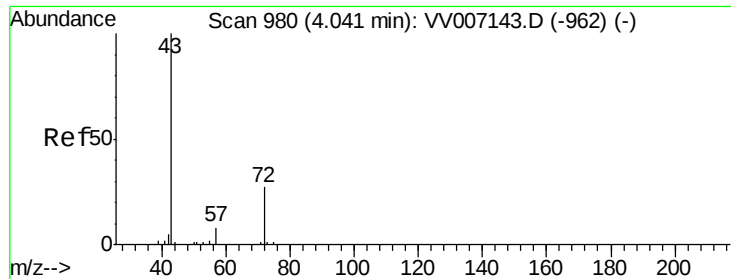


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 6.93 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.01 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

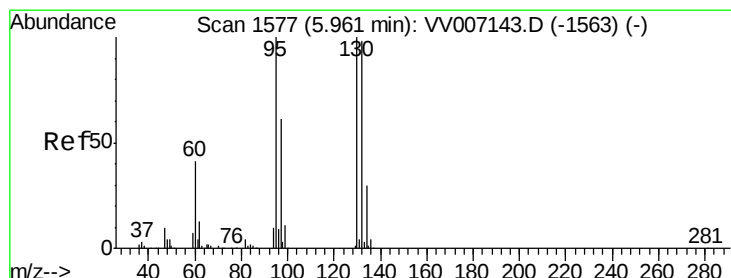
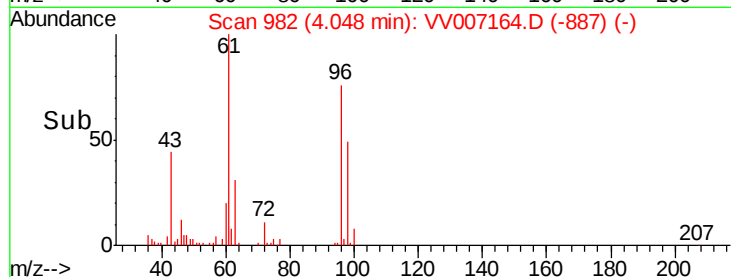
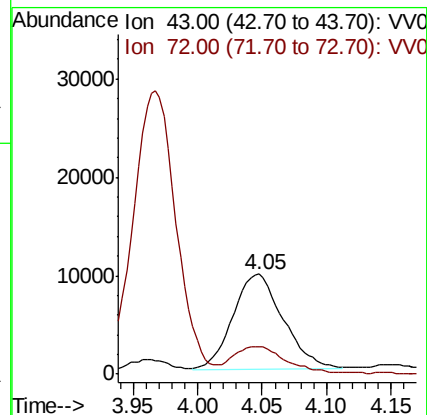
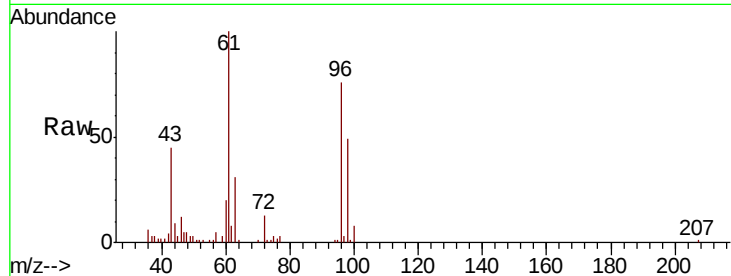
Instrument :
MSVOA_V
ClientSampleId :
ETBK4

Tot Ion: 43 Resp: 26243

Ion Ratio Lower Upper

43 100

72 29.2 13.6 40.8



#34

Trichloroethene

Concen: 29.51 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007164.D

Acq: 24 Aug 2018 01:31

Tgt Ion: 95 Resp: 132854

Ion Ratio Lower Upper

95 100

97 66.5 45.1 83.9

132 102.5 69.7 129.4

130 103.7 73.6 136.6

