

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006646.D
 Acq On : 19 Jul 2018 16:51
 Operator : SY/MD
 Sample : J3983-06
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB171

Quant Time: Jul 20 05:18:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252260	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87231	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	70926	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.13	63	117908	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.95	46	150181	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	4.40	84	140962	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.09	65	65339	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	307760	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	94218	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	278071	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	31245	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	140842	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63142	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	100555	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

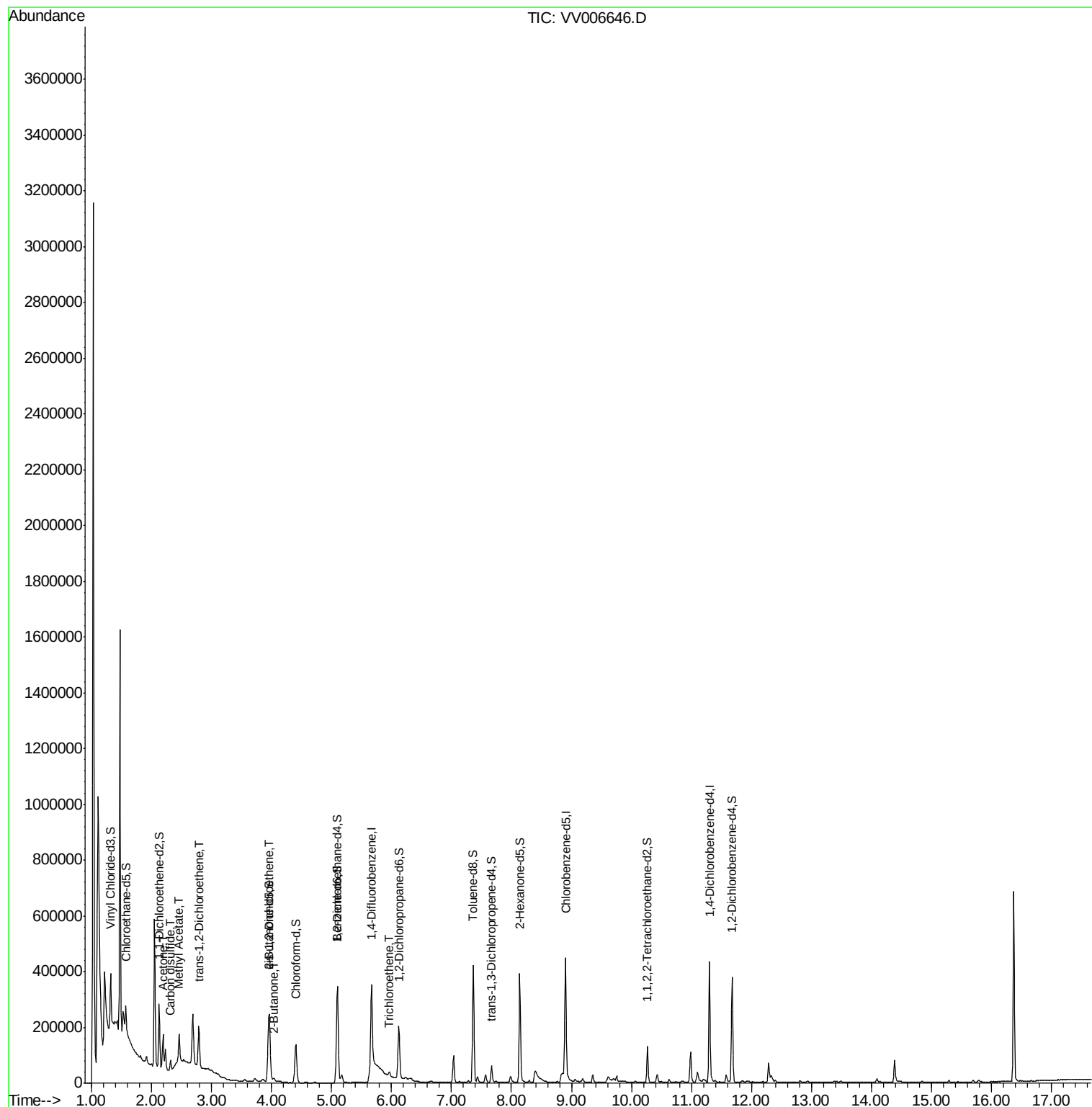
						Ovalue
13) Acetone	2.19	43	116758	39.59	ug/L	99
14) Carbon disulfide	2.32	76	27620	0.46	ug/L	98
15) Methyl Acetate	2.46	43	101782	11.76	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	54519	2.65	ug/L	97
21) 2-Butanone	4.04	43	14817	3.00	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	95782	4.44	ug/L	98
34) Trichloroethene	5.96	95	4850	0.24	ug/L	93

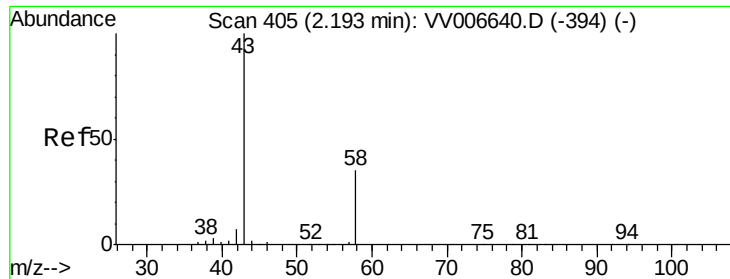
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.59 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006646.D

Acq: 19 Jul 2018 16:51

Instrument :

MSVOA_V

ClientSampled :

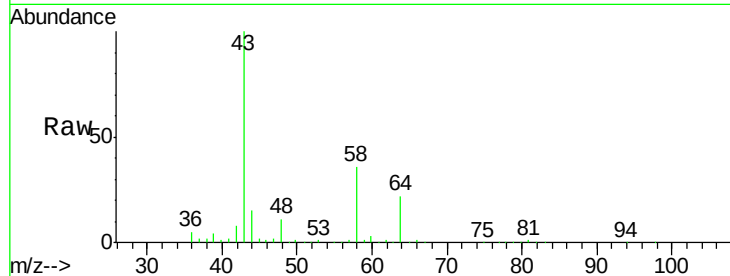
DB171

Tot Ion: 43 Resp: 116758

Ion Ratio Lower Upper

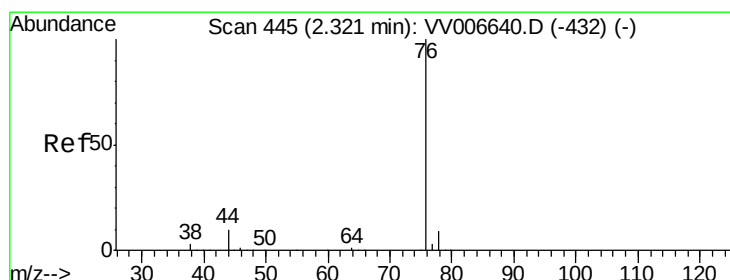
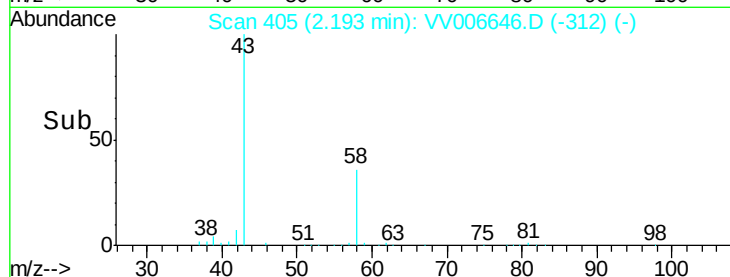
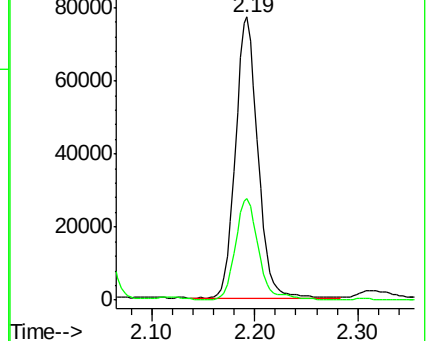
43 100

58 36.9 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.46 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006646.D

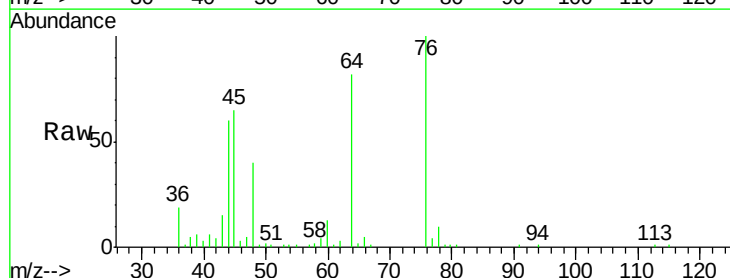
Acq: 19 Jul 2018 16:51

Tgt Ion: 76 Resp: 27620

Ion Ratio Lower Upper

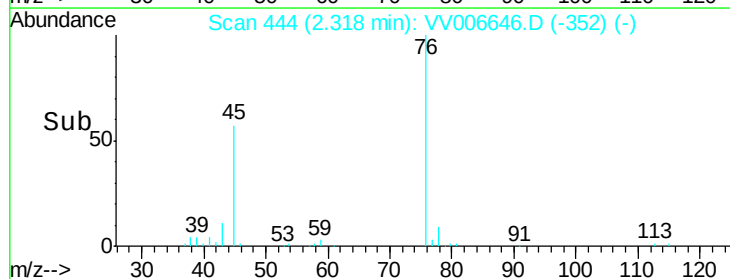
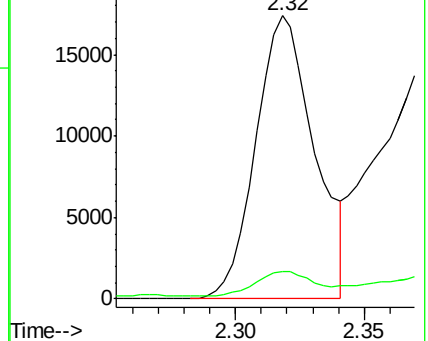
76 100

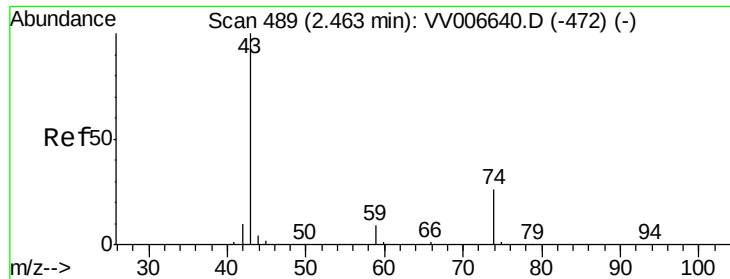
78 9.9 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

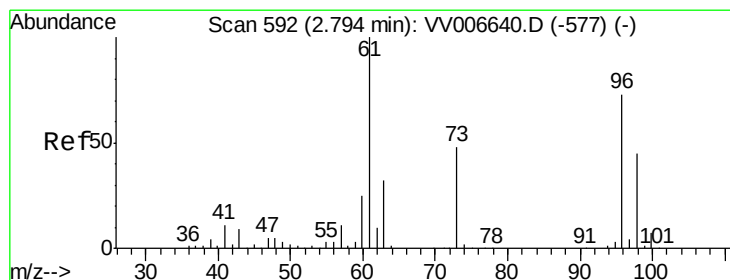
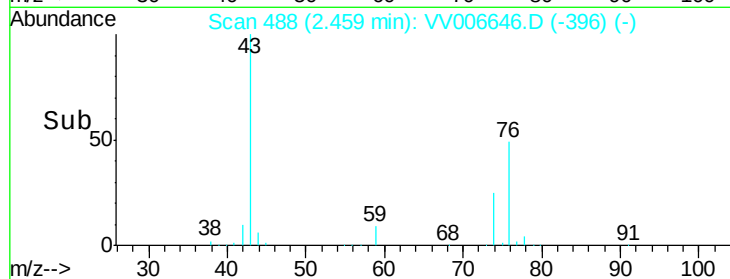
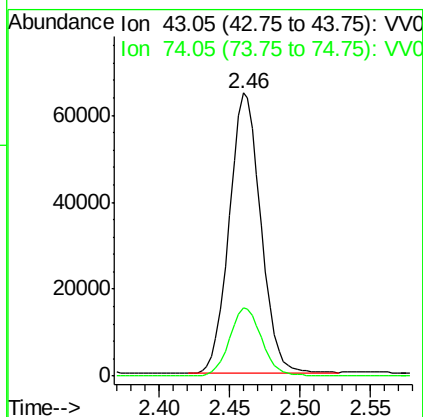
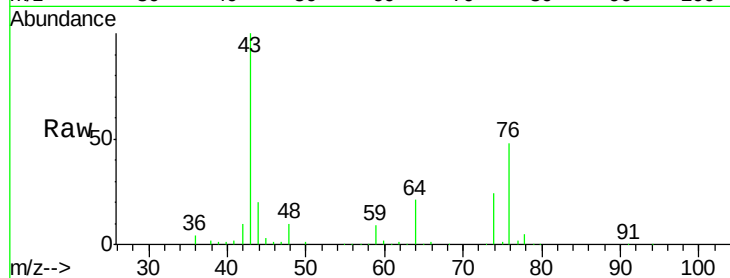




#15
Methvl Acetate
Concen: 11.76 ug/L
RT: 2.46 min Scan# 488
Delta R.T. -0.00 min
Lab File: VV006646.D
Acq: 19 Jul 2018 16:51

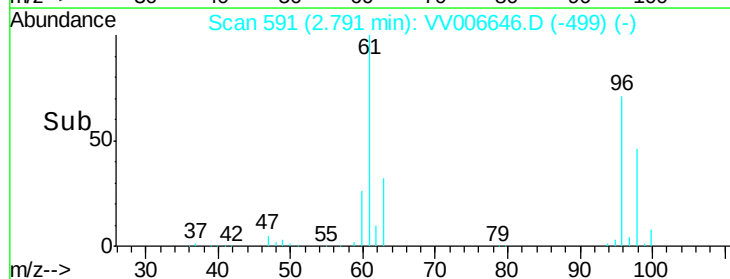
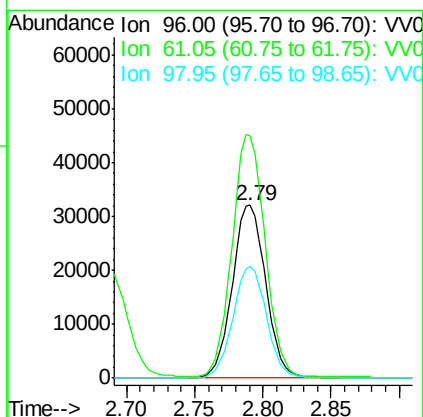
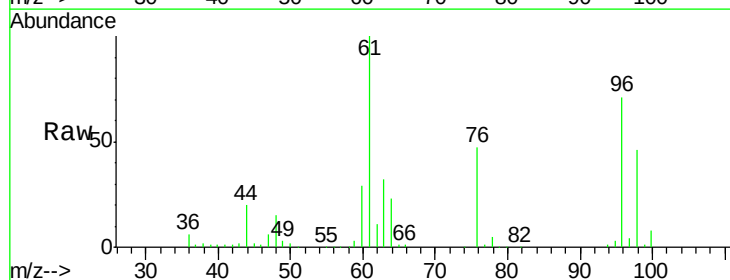
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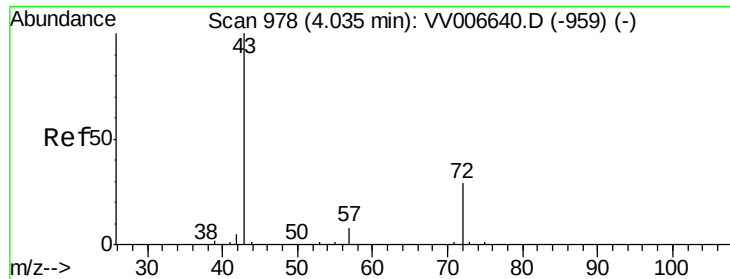
Tot Ion: 43 Resp: 101782
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5



#18
trans-1,2-Dichloroethene
Concen: 2.65 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006646.D
Acq: 19 Jul 2018 16:51

Tgt Ion: 96 Resp: 54519
Ion Ratio Lower Upper
96 100
61 140.3 96.0 178.4
98 64.9 43.5 80.9





#21

2-Butanone

Concen: 3.00 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.01 min

Lab File: VV006646.D

Acq: 19 Jul 2018 16:51

Instrument :

MSVOA_V

ClientSampled :

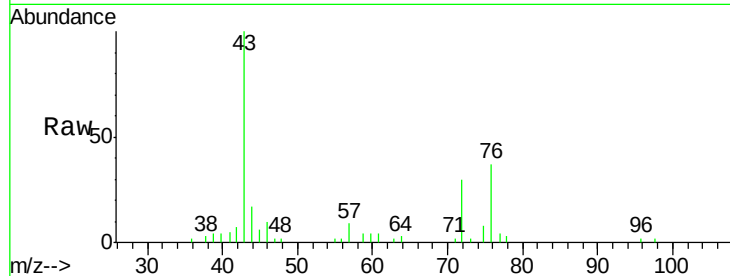
DB171

Tot Ion: 43 Resp: 14817

Ion Ratio Lower Upper

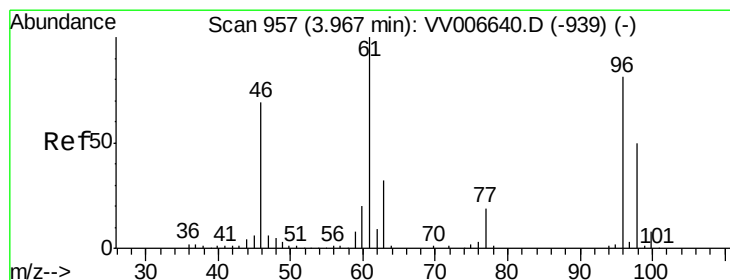
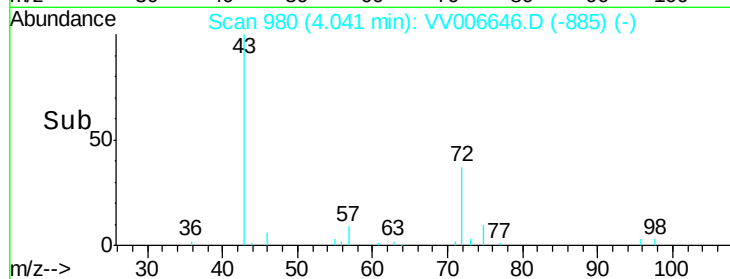
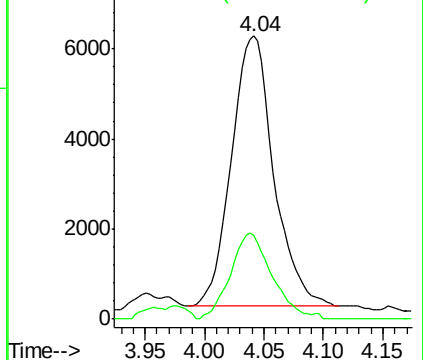
43 100

72 31.3 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 4.44 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006646.D

Acq: 19 Jul 2018 16:51

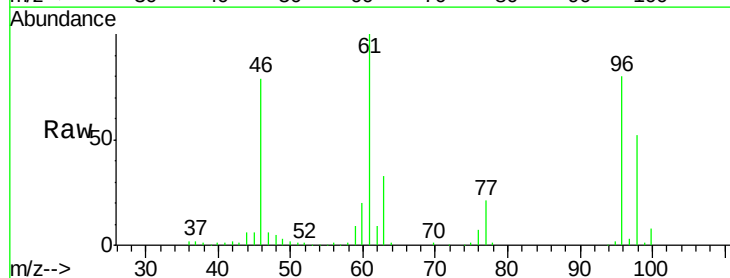
Tgt Ion: 96 Resp: 95782

Ion Ratio Lower Upper

96 100

61 125.6 86.2 160.0

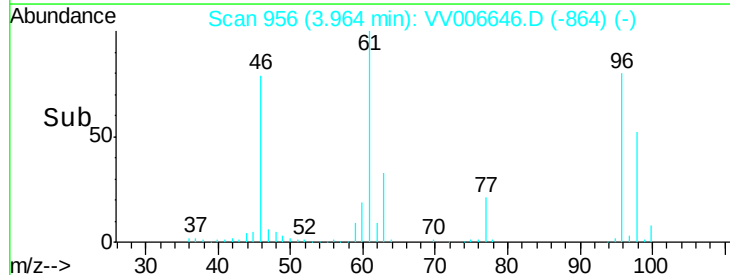
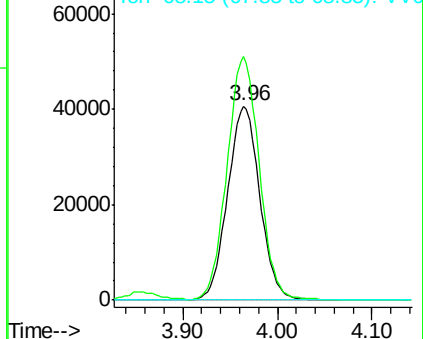
68 0.0 0.0 0.0

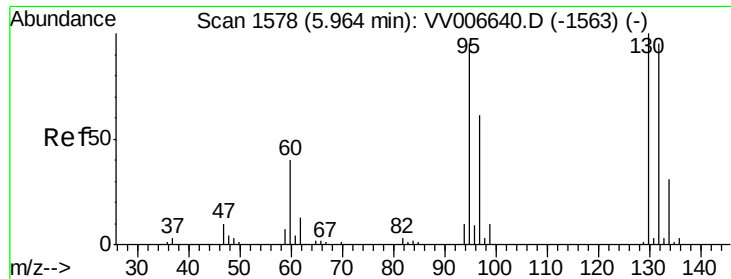


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.24 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006646.D

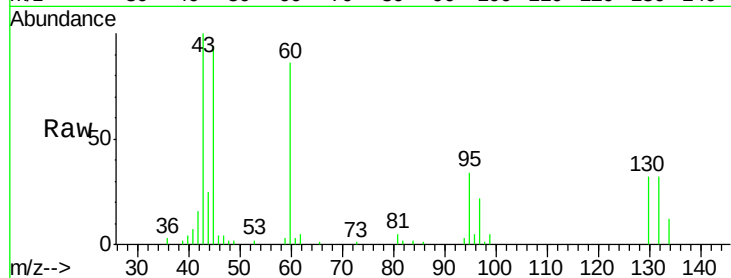
Acq: 19 Jul 2018 16:51

Instrument :

MSVOA_V

ClientSampleId :

DB171



Tot Ion: 95 Resp: 4850

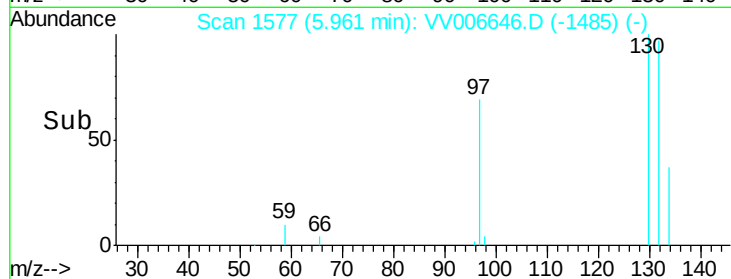
Ion Ratio Lower Upper

95 100

97 65.9 45.3 84.1

132 92.8 70.3 130.7

130 95.2 73.7 136.9



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

