

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006667.D
 Acq On : 20 Jul 2018 15:05
 Operator : SY/MD
 Sample : J3983-06
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB171

Quant Time: Jul 26 02:53:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80523	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	65814	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	112146	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	156879	42.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.58%
24) Chloroform-d	4.41	84	139385	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	65288	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	296360	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	94194	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	267355	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	30447	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	141253	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64074	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	96480	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

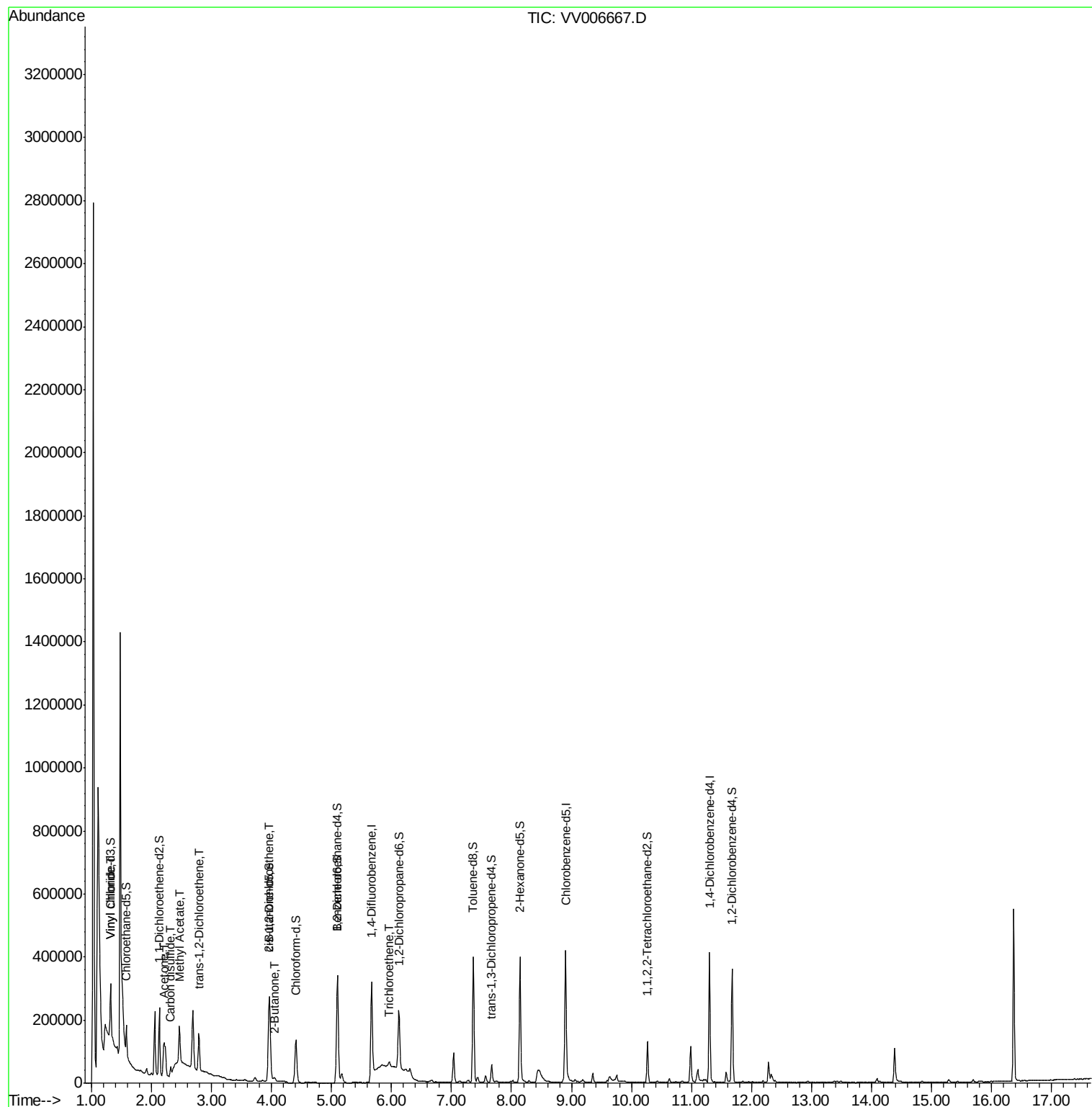
					Ovalue
5) Vinyl chloride	1.32	62	59199	2.34	ug/L # 1
13) Acetone	2.21	43	123728	43.49	ug/L 100
14) Carbon disulfide	2.32	76	39871	0.68	ug/L 99
15) Methyl Acetate	2.47	43	124587	14.93	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	44008	2.22	ug/L 98
21) 2-Butanone	4.05	43	16586	3.48	ug/L 97
22) cis-1,2-Dichloroethene	3.97	96	102451	4.93	ug/L 100
34) Trichloroethene	5.96	95	4789	0.24	ug/L 96

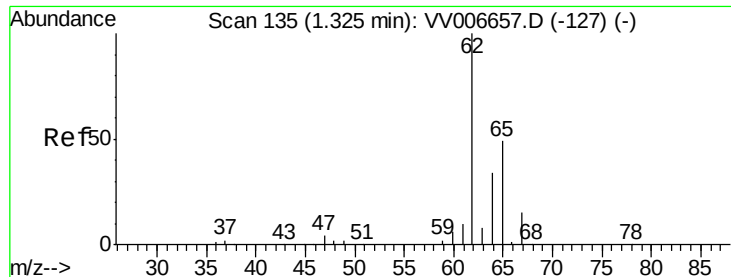
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.34 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampled :

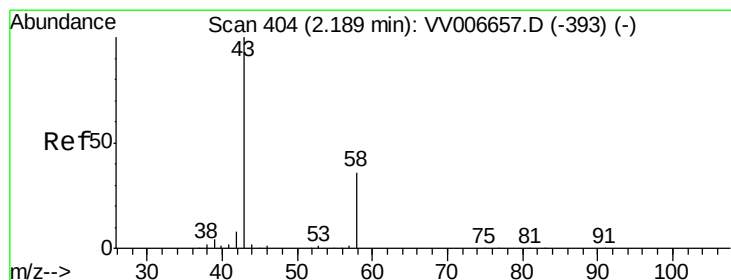
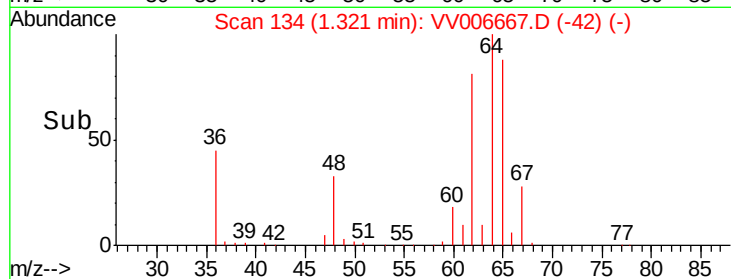
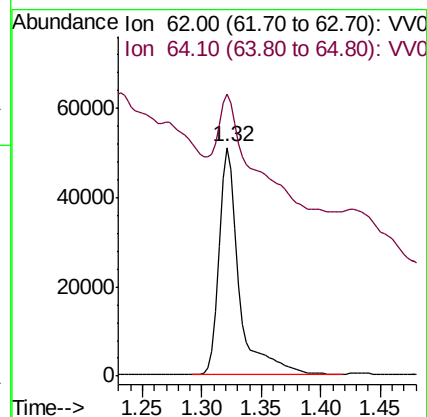
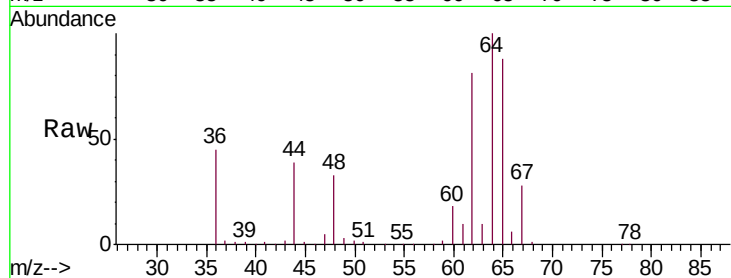
DB171

Tot Ion: 62 Resp: 59199

Ion Ratio Lower Upper

62 100

64 123.4 23.7 44.1#



#13

Acetone

Concen: 43.49 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.02 min

Lab File: VV006667.D

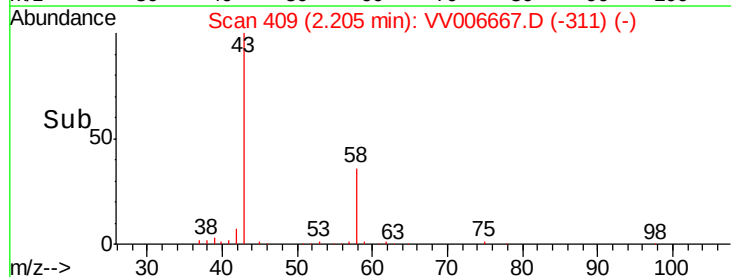
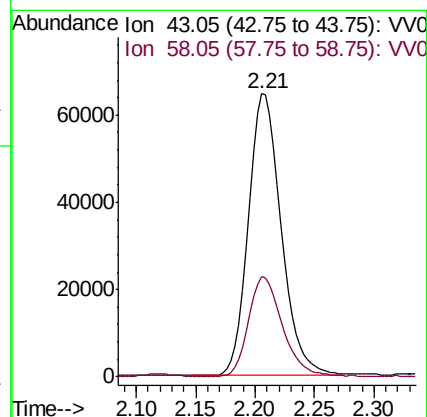
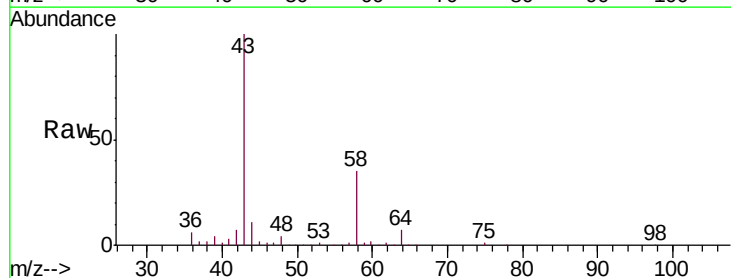
Acq: 20 Jul 2018 15:05

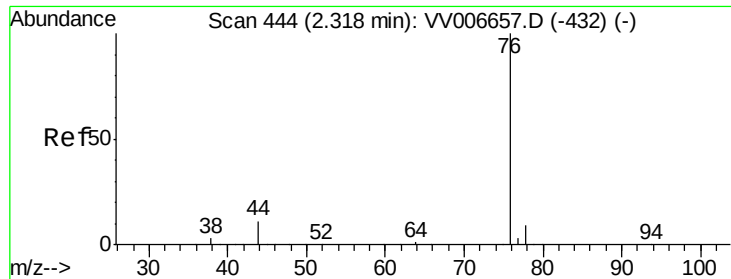
Tgt Ion: 43 Resp: 123728

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.8





#14

Carbon disulfide

Concen: 0.68 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

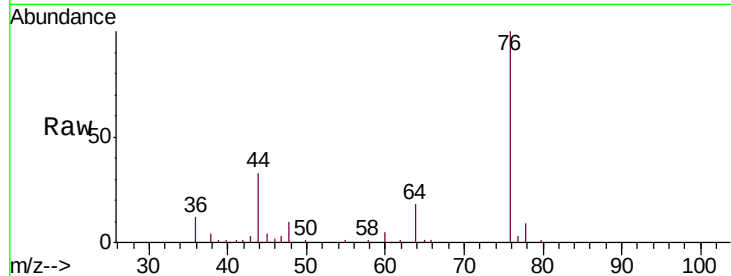
DB171

Tot Ion: 76 Resp: 39871

Ion Ratio Lower Upper

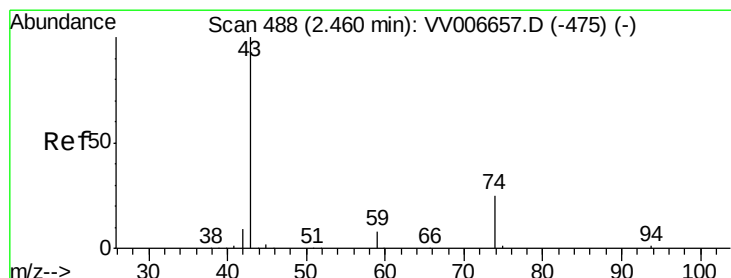
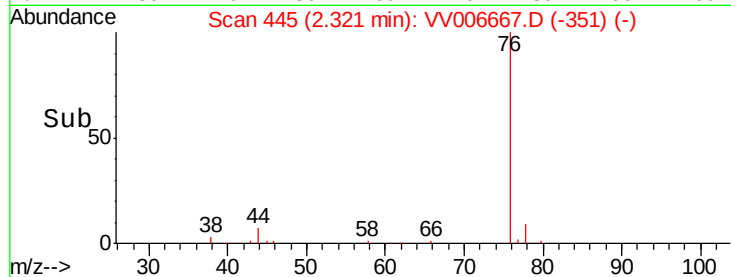
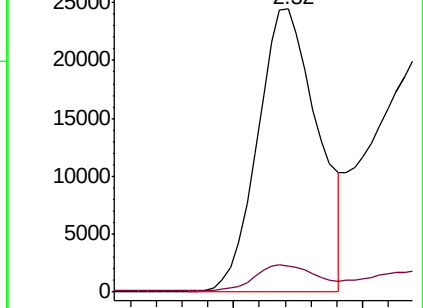
76 100

78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006667.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006667.D (-432) (-)



#15

Methyl Acetate

Concen: 14.93 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.01 min

Lab File: VV006667.D

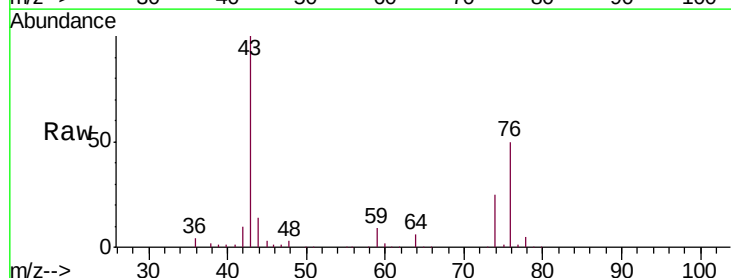
Acq: 20 Jul 2018 15:05

Tgt Ion: 43 Resp: 124587

Ion Ratio Lower Upper

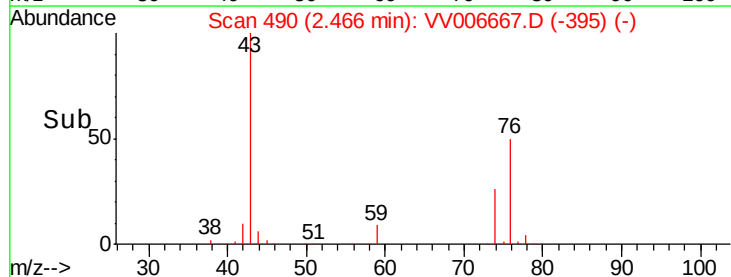
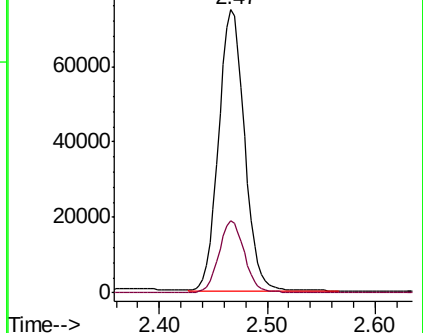
43 100

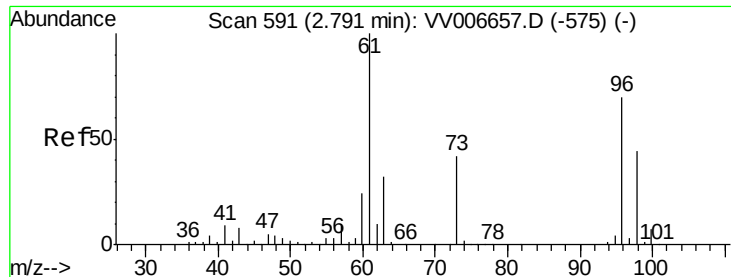
74 25.4 20.3 30.5



Abundance Ion 43.05 (42.75 to 43.75): VV006667.D (-475) (-)

Ion 74.05 (73.75 to 74.75): VV006667.D (-475) (-)





#18

trans-1,2-Dichloroethene

Concen: 2.22 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

DB171

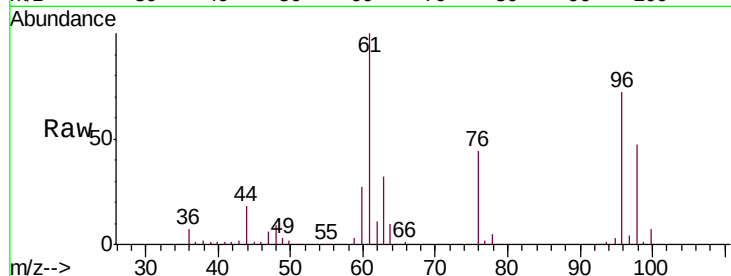
Tot Ion: 96 Resp: 44008

Ion Ratio Lower Upper

96 100

61 139.3 96.0 178.4

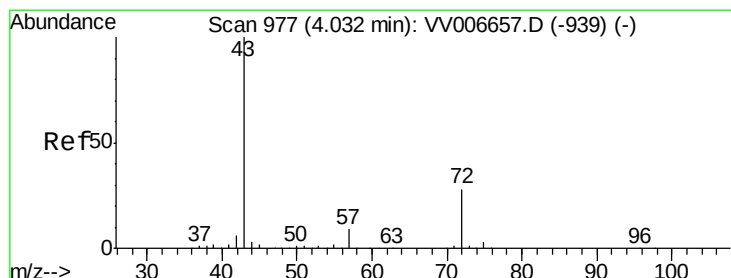
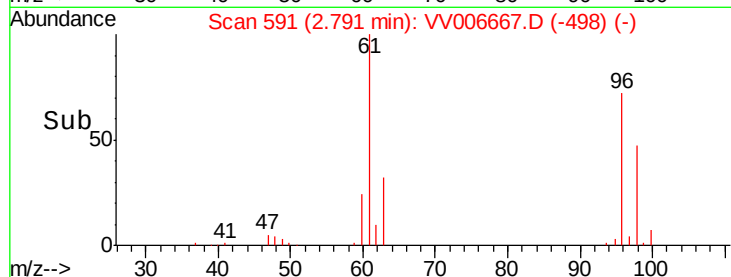
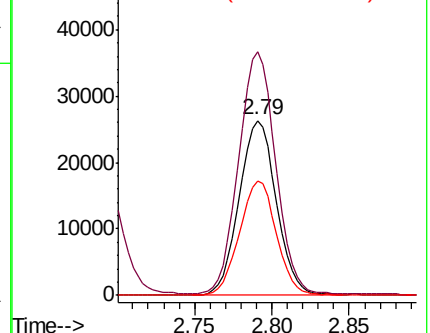
98 65.3 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV006667.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006667.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006667.D (-498) (-)



#21

2-Butanone

Concen: 3.48 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.02 min

Lab File: VV006667.D

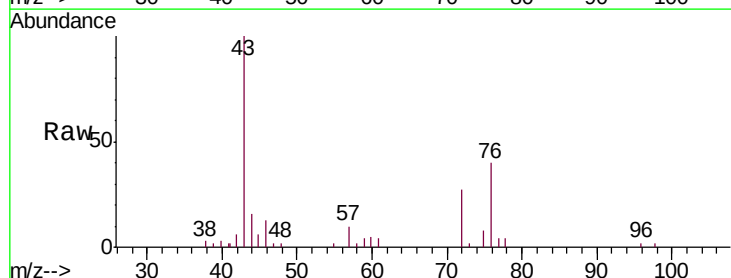
Acq: 20 Jul 2018 15:05

Tgt Ion: 43 Resp: 16586

Ion Ratio Lower Upper

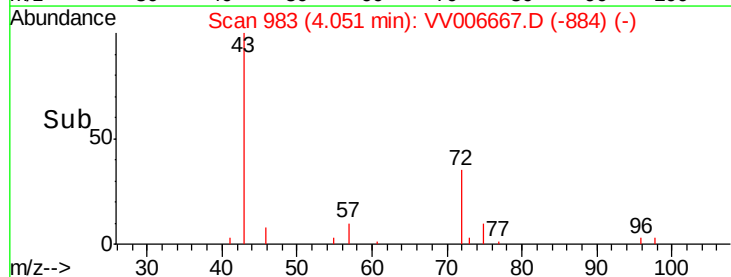
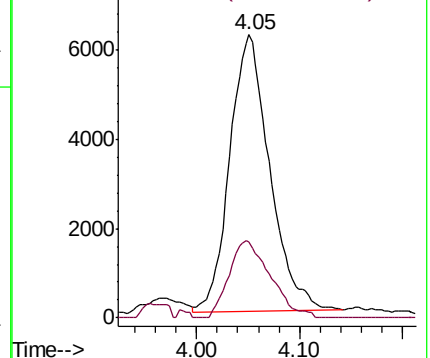
43 100

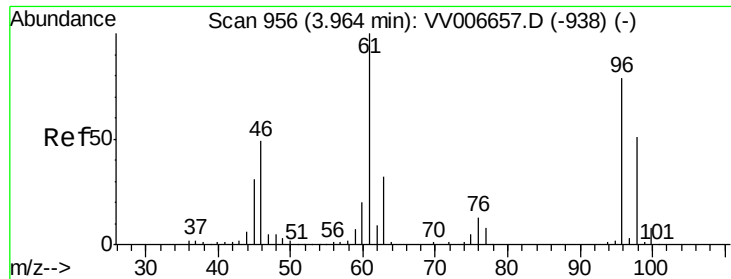
72 29.0 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006667.D (-884) (-)

Ion 72.10 (71.80 to 72.80): VV006667.D (-884) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.93 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

DB171

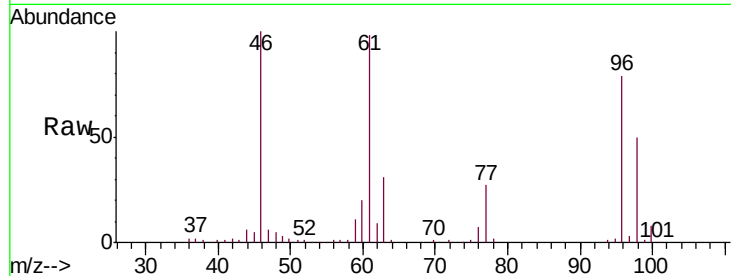
Tot Ion: 96 Resp: 102451

Ion Ratio Lower Upper

96 100

61 123.6 86.2 160.0

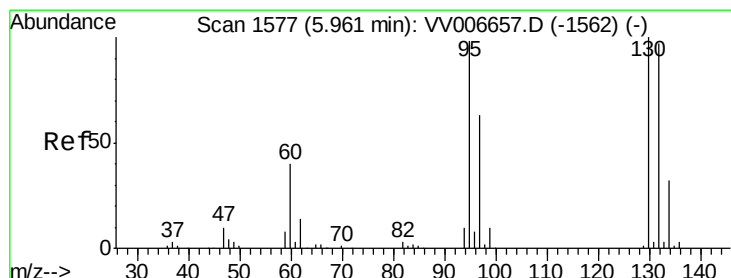
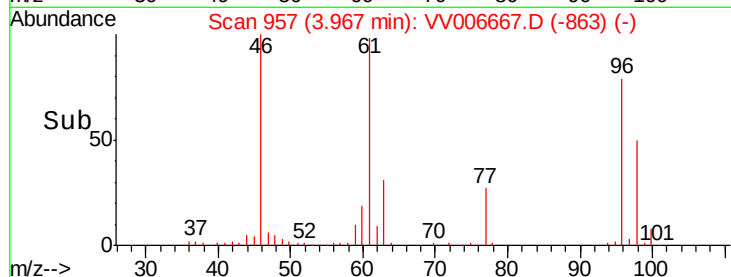
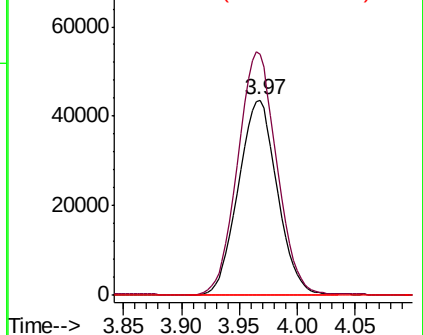
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006657.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006657.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006657.D (-938) (-)



#34

Trichloroethene

Concen: 0.24 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Tgt Ion: 95 Resp: 4789

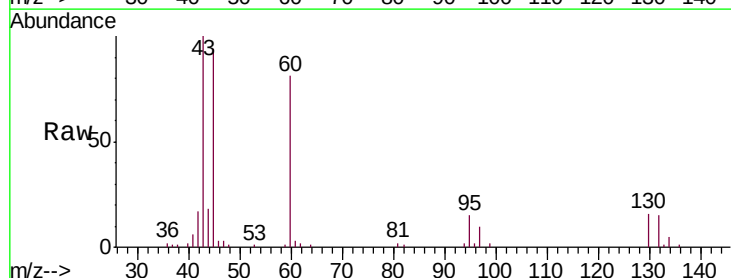
Ion Ratio Lower Upper

95 100

97 67.2 45.3 84.1

132 97.4 70.3 130.7

130 100.7 73.7 136.9



Abundance Ion 95.00 (94.70 to 95.70): VV006657.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006657.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006657.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006657.D (-1562) (-)

