

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011806.D
 Acq On : 02 Jul 2019 16:25
 Operator : SY/MD
 Sample : K3598-02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAM80

Quant Time: Jul 03 08:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 08:28:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172747	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73282	6.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.00%
7) Chloroethane-d5	1.58	69	55050	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.20%
11) 1,1-Dichloroethene-d2	2.13	63	98162	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.95	46	158241	55.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.40	84	124924	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.08	65	68788	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.10	84	256060	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.12	67	77349	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.36	98	219883	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
43) trans-1,3-Dichloropropene-	7.66	79	23410	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	124193	56.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50933	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	74903	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

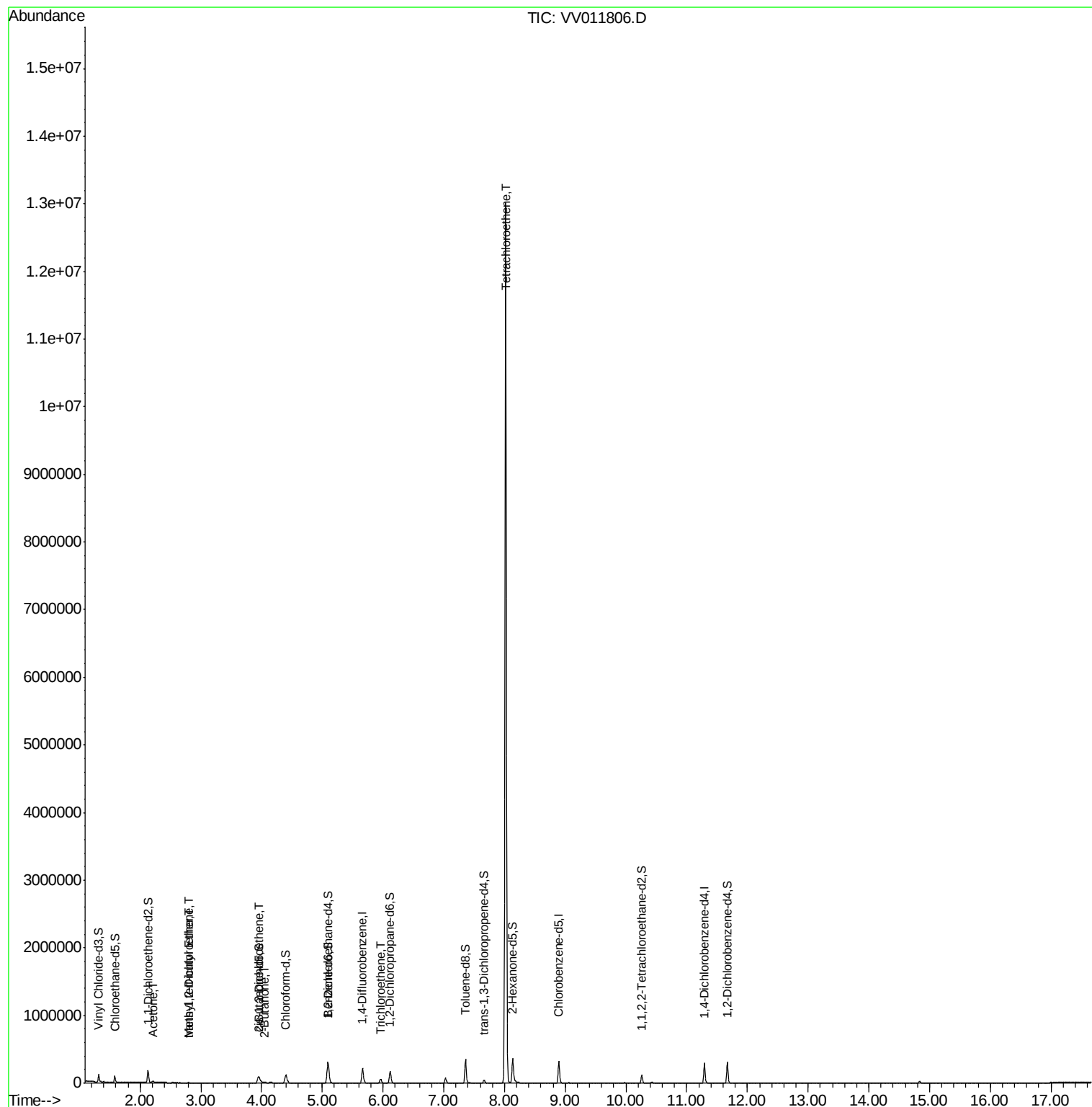
					Ovalue
13) Acetone	2.21	43	23115	11.756 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	4303	0.158 ug/L #	90
18) trans-1,2-Dichloroethene	2.78	96	1694	0.143 ug/L	95
21) 2-Butanone	4.04	43	16053	4.998 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	5906	0.468 ug/L	86
34) Trichloroethene	5.96	95	19869	1.548 ug/L	97
47) Tetrachloroethene	8.02	164	2711491	268.382 ug/L	97

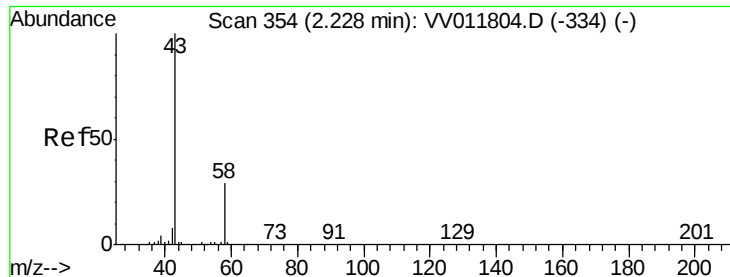
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.756 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV011806.D

Acq: 02 Jul 2019 16:25

Instrument :

MSVOA_V

ClientSampled :

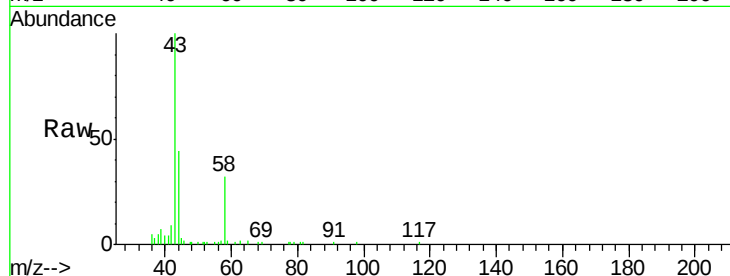
GAM80

Tot Ion: 43 Resp: 23115

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

12000

10000

8000

6000

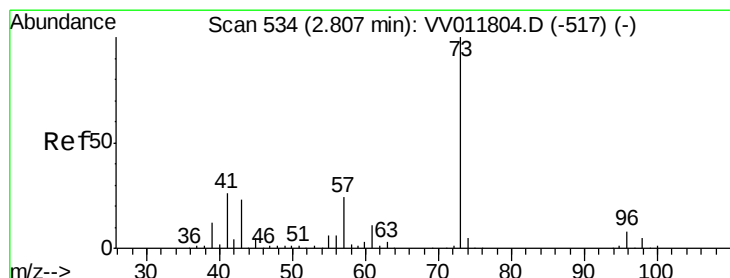
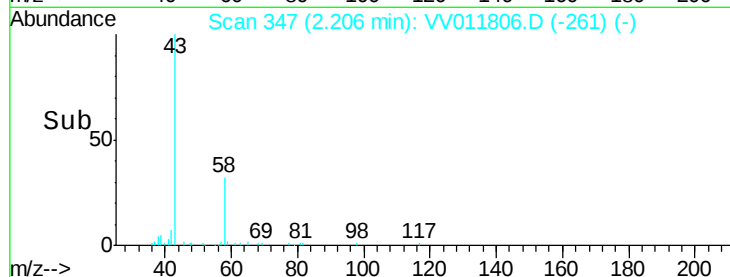
4000

2000

0

2.15 2.20 2.25 2.30

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.158 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011806.D

Acq: 02 Jul 2019 16:25

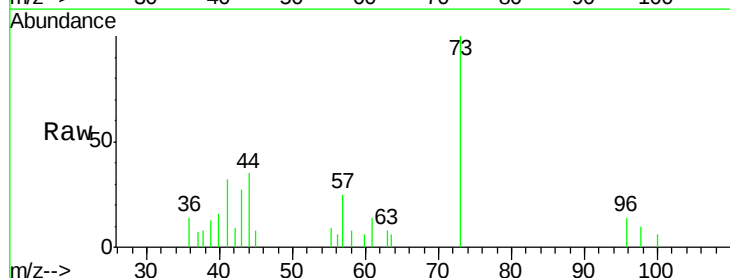
Tgt Ion: 73 Resp: 4303

Ion Ratio Lower Upper

73 100

43 28.4 17.6 26.4#

57 25.0 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

2500

2000

1500

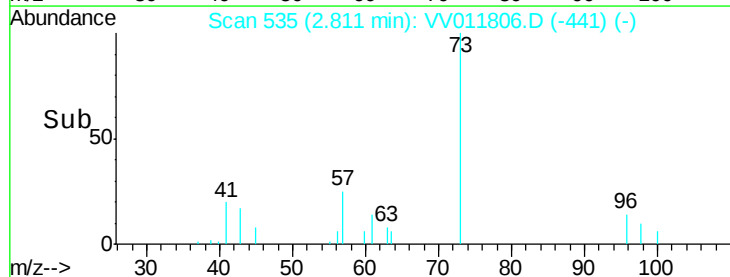
1000

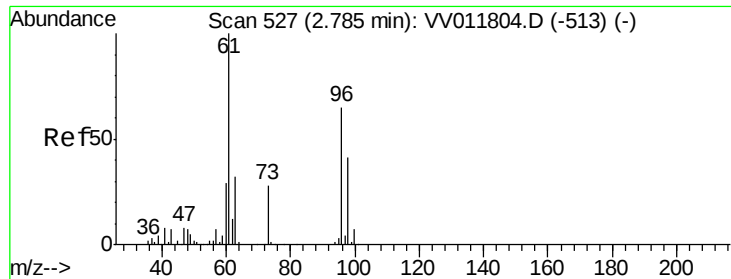
500

0

2.75 2.80 2.85

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.143 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV011806.D

Acq: 02 Jul 2019 16:25

Instrument :

MSVOA_V

ClientSampleId :

GAM80

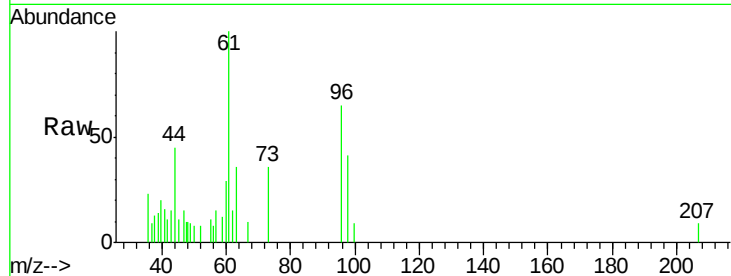
Tot Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 154.3 102.3 189.9

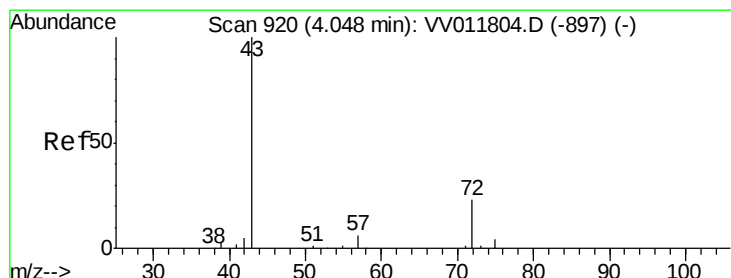
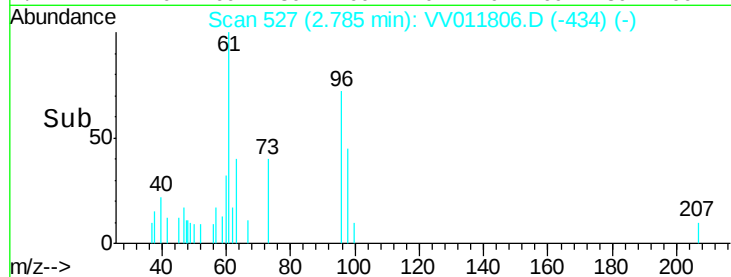
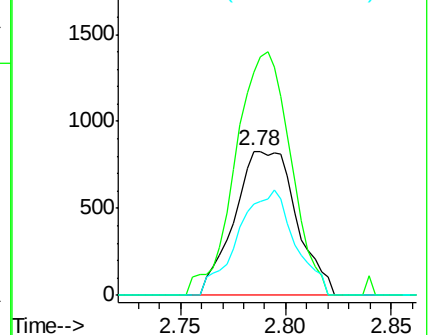
98 63.4 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#21

2-Butanone

Concen: 4.998 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV011806.D

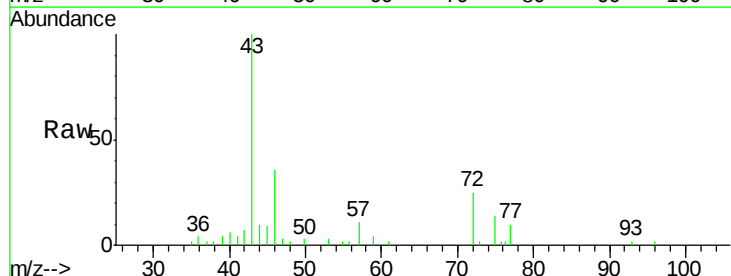
Acq: 02 Jul 2019 16:25

Tgt Ion: 43 Resp: 16053

Ion Ratio Lower Upper

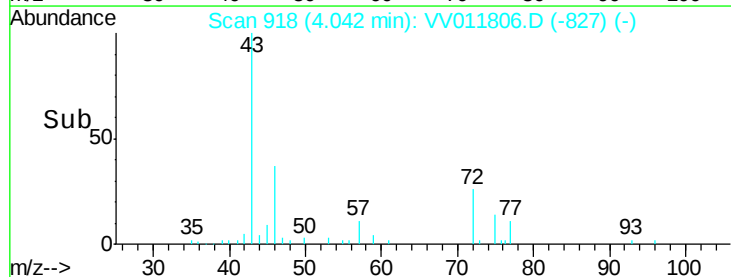
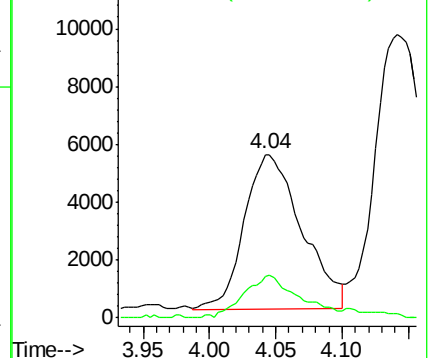
43 100

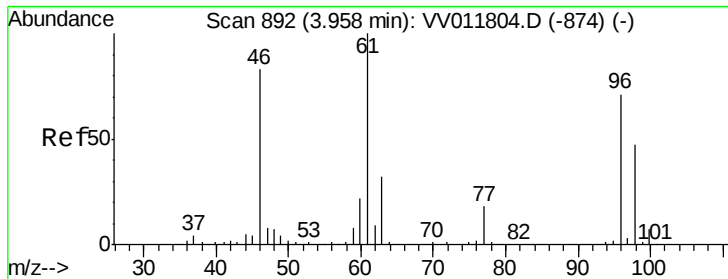
72 26.6 12.1 36.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



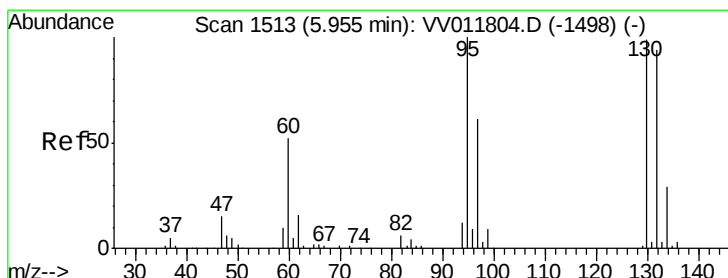
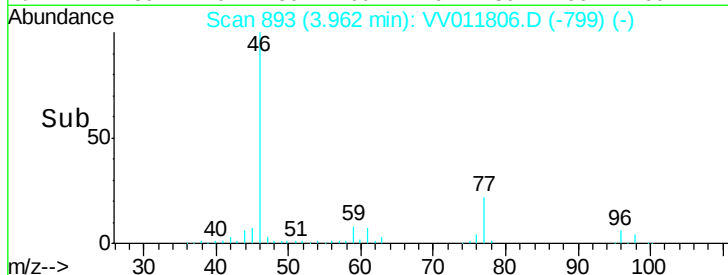
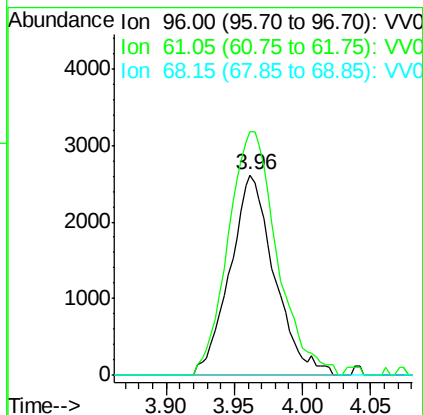
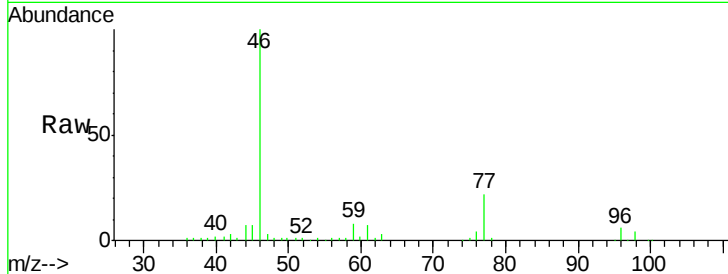


#22

cis-1,2-Dichloroethene
 Concen: 0.468 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV011806.D
 Acq: 02 Jul 2019 16:25

Instrument :
 MSVOA_V
 ClientSampleId :
 GAM80

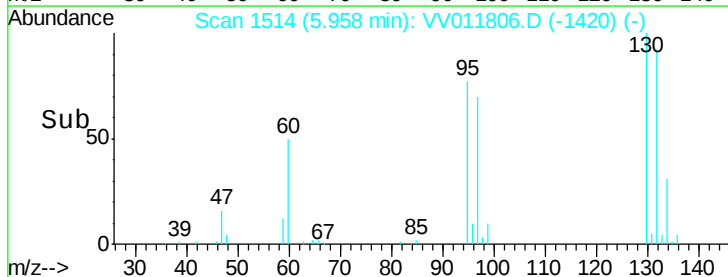
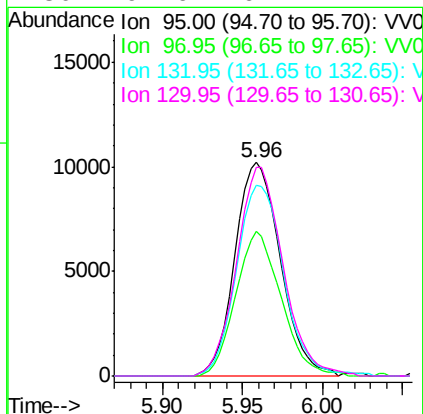
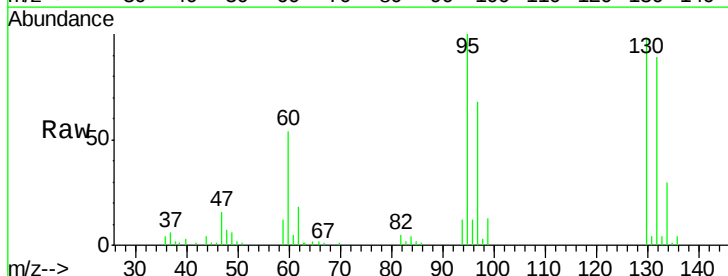
Tot Ion: 96 Resp: 5906
 Ion Ratio Lower Upper
 96 100
 61 121.6 97.1 180.3
 68 0.0 0.0 0.0

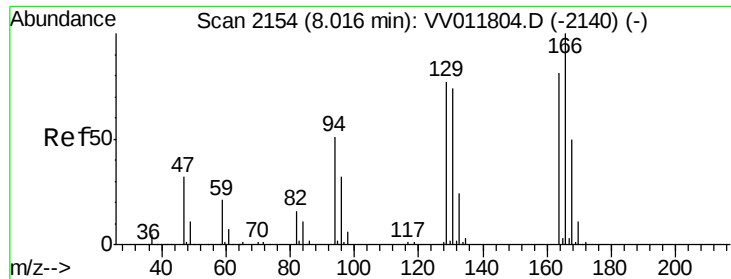


#34

Trichloroethene
 Concen: 1.548 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011806.D
 Acq: 02 Jul 2019 16:25

Tgt Ion: 95 Resp: 19869
 Ion Ratio Lower Upper
 95 100
 97 67.8 43.7 81.1
 132 89.3 63.7 118.3
 130 97.6 67.1 124.7





#47

Tetrachloroethene

Concen: 268.382 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011806.D

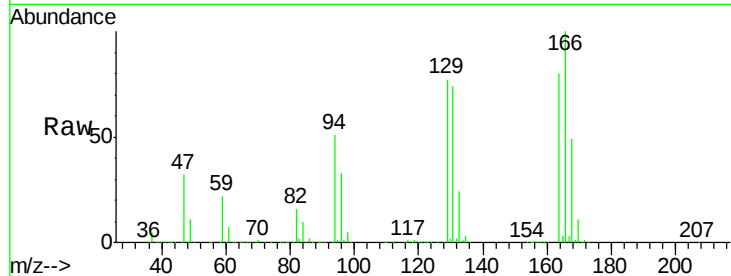
Acq: 02 Jul 2019 16:25

Instrument :

MSVOA_V

ClientSampleId :

GAM80



Tot Ion:164 Resp: 2711491

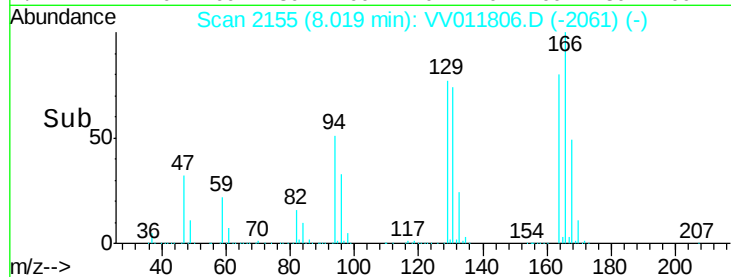
Ion Ratio Lower Upper

164 100

129 96.6 65.7 121.9

131 92.6 63.2 117.4

166 125.5 85.8 159.3



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

