

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007437.D
 Acq On : 06 Sep 2018 22:27
 Operator : SY/MD
 Sample : J4719-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE5

Quant Time: Sep 07 02:49:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	525116	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	527370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158855	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.70%
7) Chloroethane-d5	1.56	69	123104	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	208085	31.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.98%
21) 2-Butanone-d5	3.96	46	254670	83.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.47%
24) Chloroform-d	4.41	84	318793	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.09	65	204616	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.10	84	635720	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	216257	40.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.20%
41) Toluene-d8	7.36	98	517907	37.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.70%#
43) trans-1,3-Dichloropropene-	7.67	79	84518	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
47) 2-Hexanone-d5	8.14	63	206557	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	307923	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	201803	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%

Target Compounds

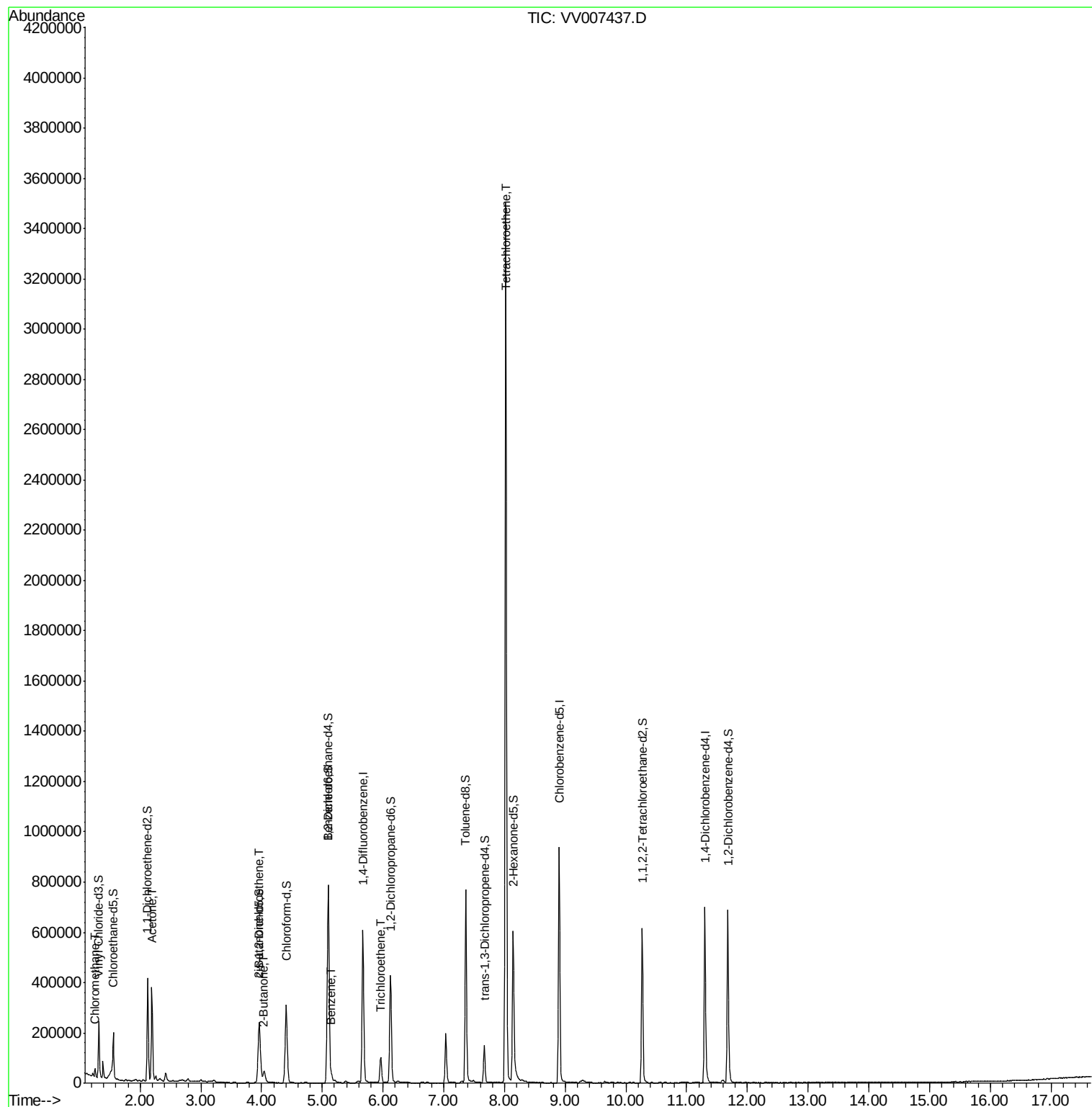
						Ovalue
3) Chloromethane	1.26	50	26862	6.08	ug/L	100
13) Acetone	2.20	43	350487	192.91	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	45670	10.95	ug/L	94
22) 2-Butanone	4.04	43	61113	20.08	ug/L	94
33) Benzene	5.15	78	26999	1.60	ug/L	100
34) Trichloroethene	5.96	95	35588	8.64	ug/L	94
46) Tetrachloroethene	8.02	164	818338	247.14	ug/L	98

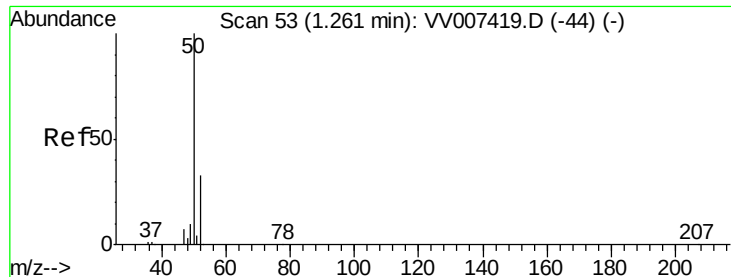
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 6.08 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

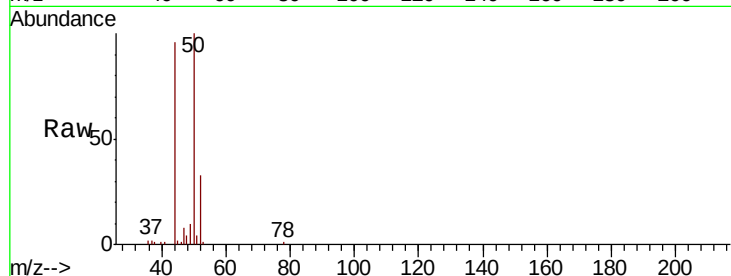
BEGE5

Tot Ion: 50 Resp: 26862

Ion Ratio Lower Upper

50 100

52 33.3 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VV007419.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV007419.D (-44) (-)

1.26

25000

20000

15000

10000

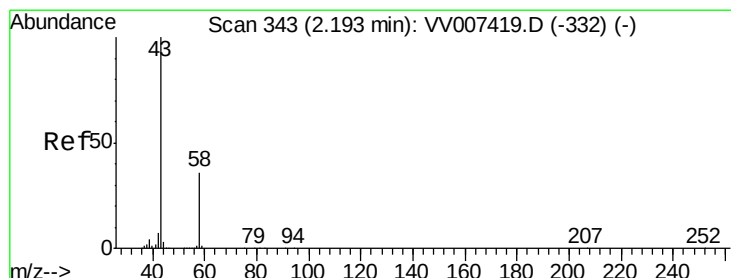
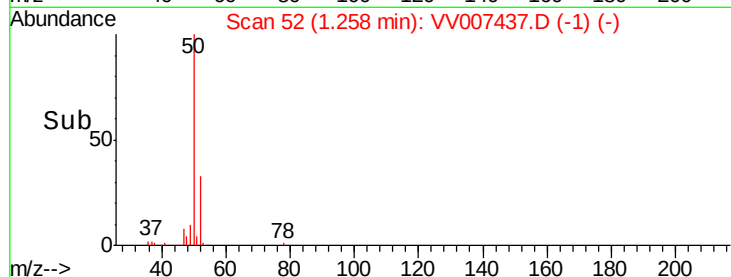
5000

0

1.25

1.30

Time-->



#13

Acetone

Concen: 192.91 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007437.D

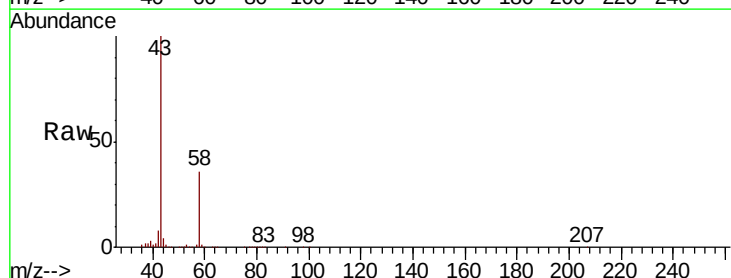
Acq: 06 Sep 2018 22:27

Tgt Ion: 43 Resp: 350487

Ion Ratio Lower Upper

43 100

58 36.0 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007419.D (-332) (-)

2.20

250000

200000

150000

100000

50000

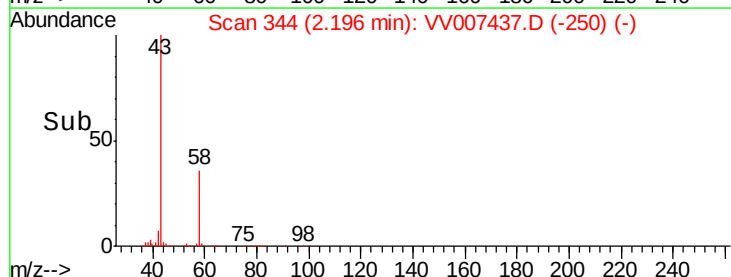
0

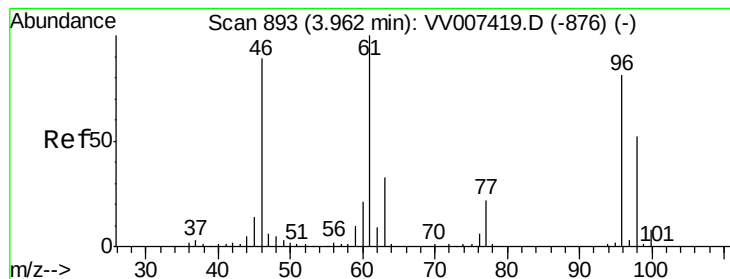
2.15

2.20

2.25

Time-->





#20

cis-1,2-Dichloroethene

Concen: 10.95 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

BEGE5

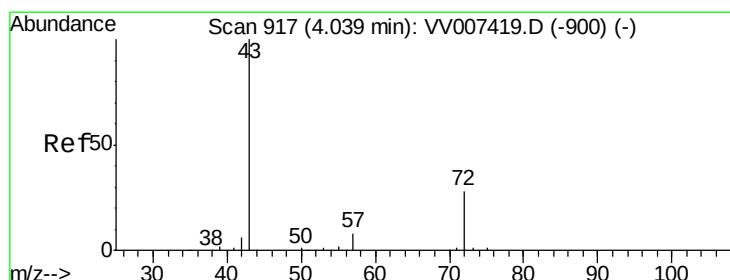
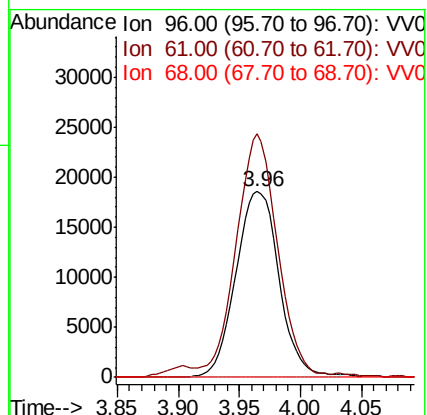
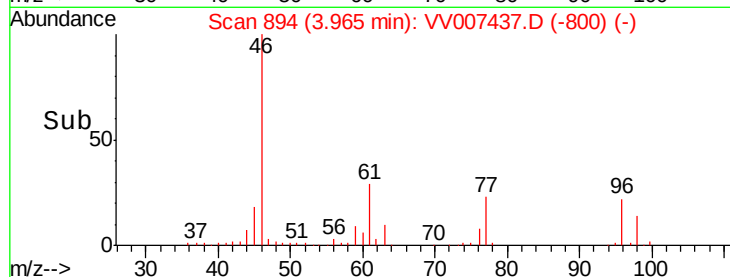
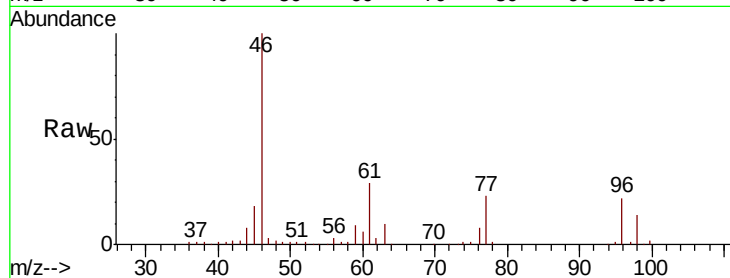
Tot Ion: 96 Resp: 45670

Ion Ratio Lower Upper

96 100

61 131.1 86.8 161.2

68 0.0 0.0 0.0



#22

2-Butanone

Concen: 20.08 ug/L

RT: 4.04 min Scan# 918

Delta R.T. 0.00 min

Lab File: VV007437.D

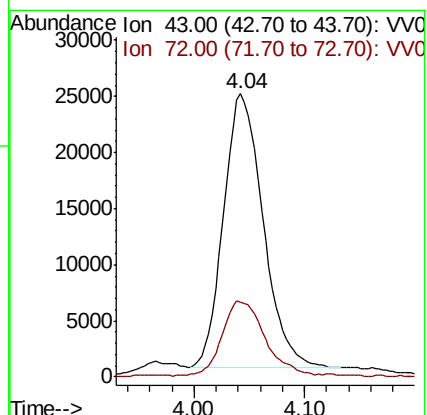
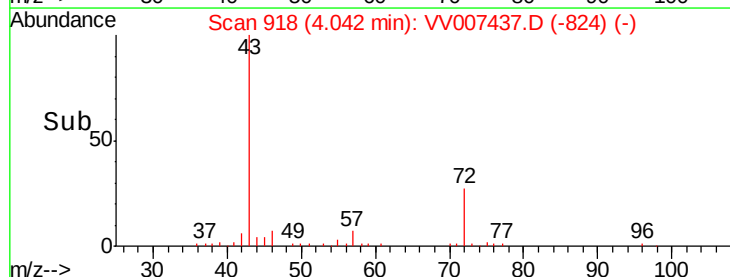
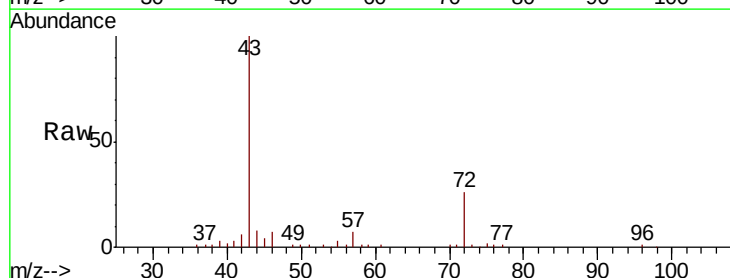
Acq: 06 Sep 2018 22:27

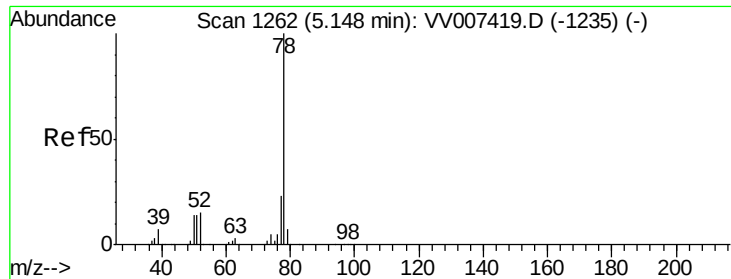
Tgt Ion: 43 Resp: 61113

Ion Ratio Lower Upper

43 100

72 30.6 13.8 41.3





#33

Benzene

Concen: 1.60 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

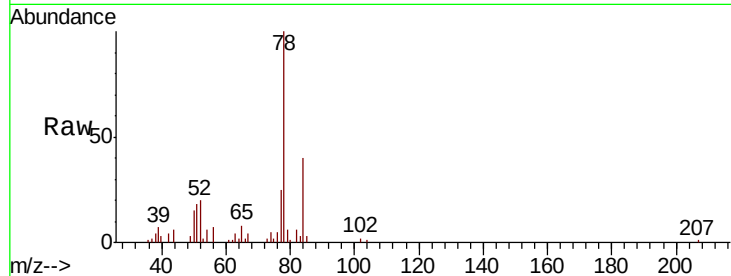
Instrument :

MSVOA_V

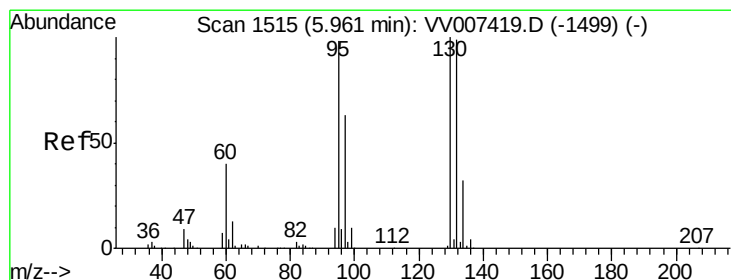
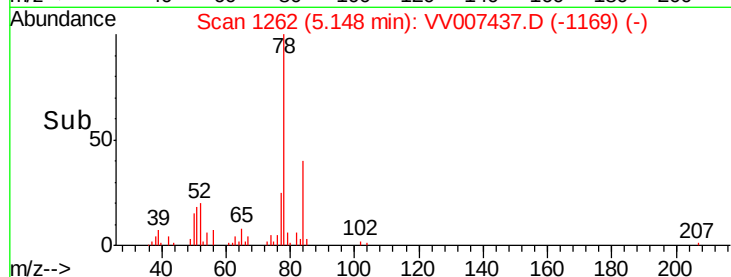
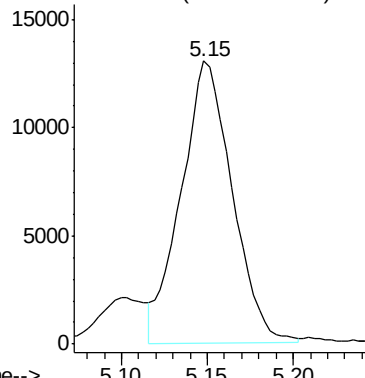
ClientSampleId :

BEGE5

Tgt Ion: 78 Resp: 26999



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 8.64 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Tgt Ion: 95 Resp: 35588

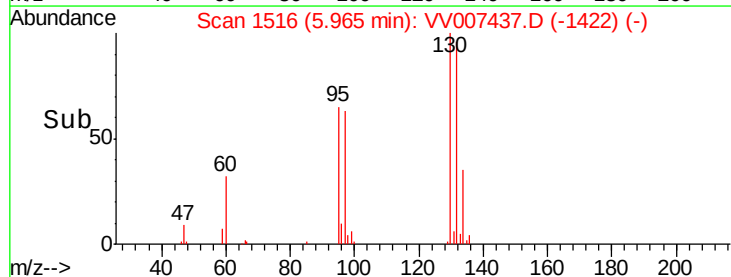
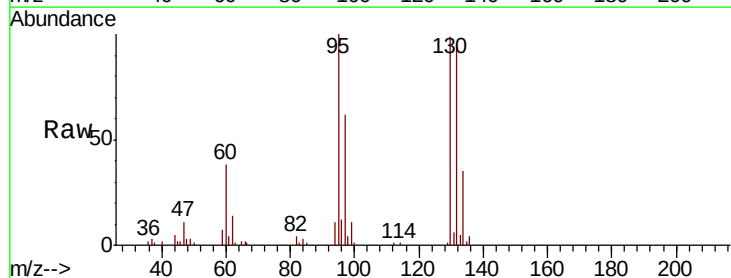
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.1	85.7
132	94.4	70.8	131.6
130	98.8	73.9	137.3

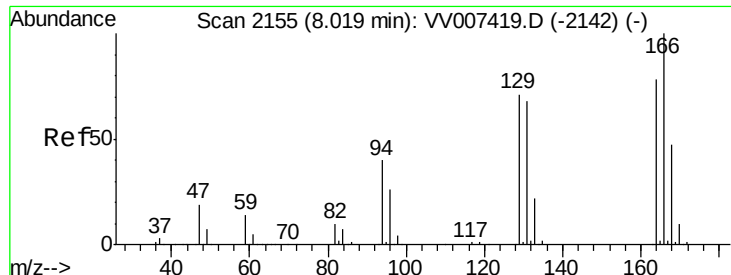
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 247.14 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :
MSVOA_V
ClientSampleId :
BEGE5

Tot Ion:164 Resp: 818338

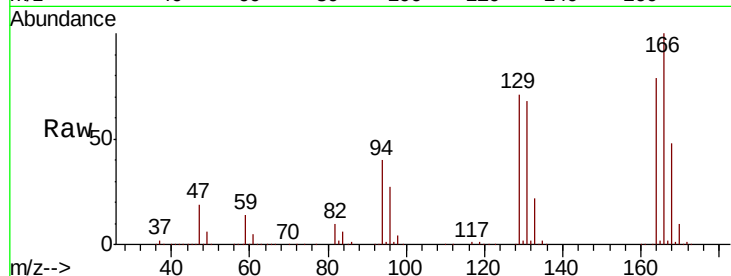
Ion Ratio Lower Upper

164 100

129 90.8 63.9 118.7

131 86.9 62.6 116.2

166 127.1 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

