

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011267.D
 Acq On : 07 Jun 2019 02:54
 Operator : SY/MD
 Sample : K3226-08
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN6

Quant Time: Jun 07 03:52:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158103	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57184	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	45370	4.56	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	89753	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.96	46	153494	56.91	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	4.40	84	101325	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	59096	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	206509	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	64782	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	184711	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	19890	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.13	63	117007	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45738	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	61637	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

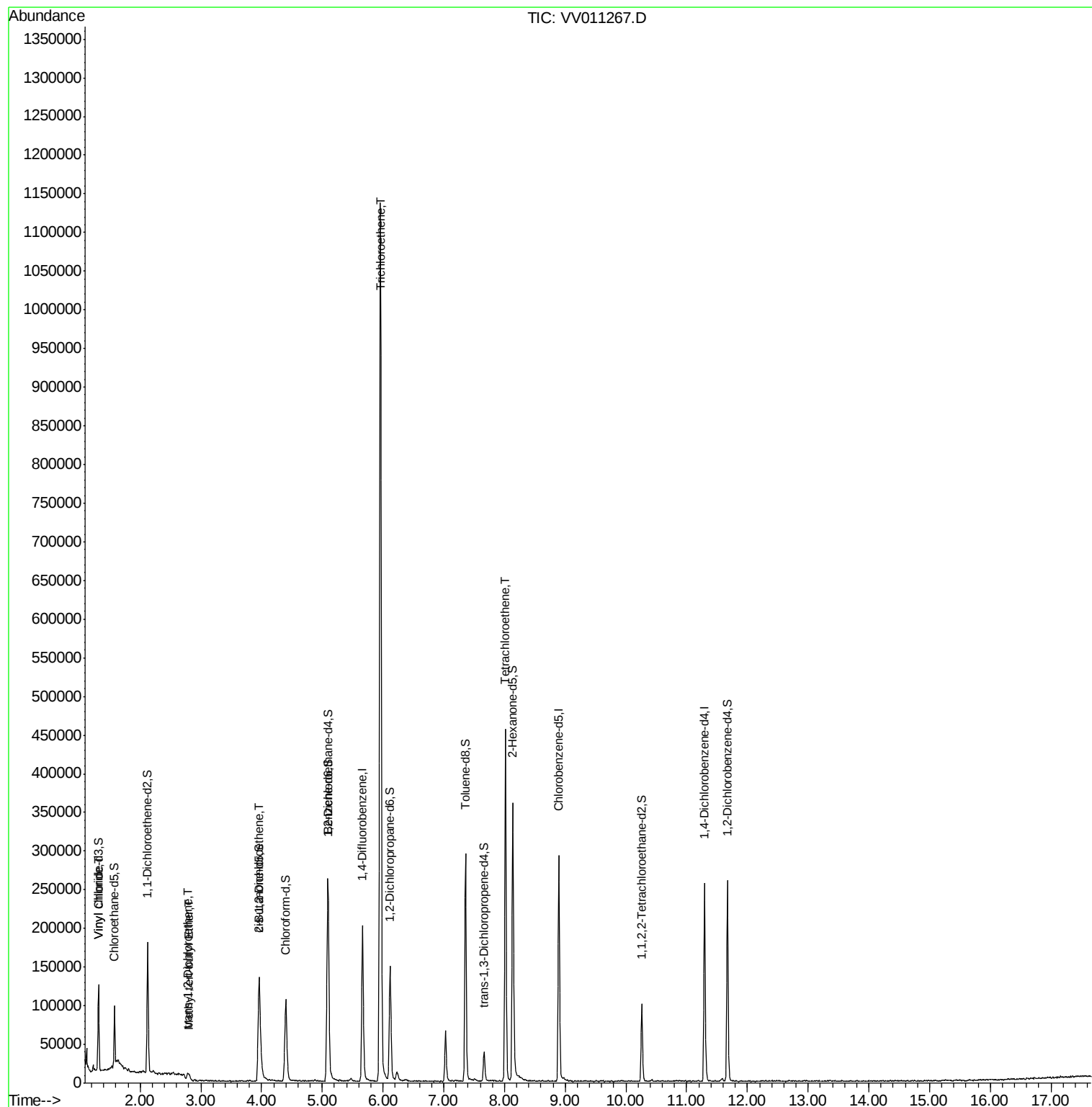
					Ovalue
5) Vinyl chloride	1.32	62	8624	0.593 ug/L #	79
17) Methyl tert-butyl Ether	2.81	73	6243	0.235 ug/L #	78
18) trans-1,2-Dichloroethene	2.78	96	1682	0.151 ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	29751	2.409 ug/L	91
34) Trichloroethene	5.95	95	385028	32.230 ug/L	99
47) Tetrachloroethene	8.02	164	90421	10.473 ug/L	98

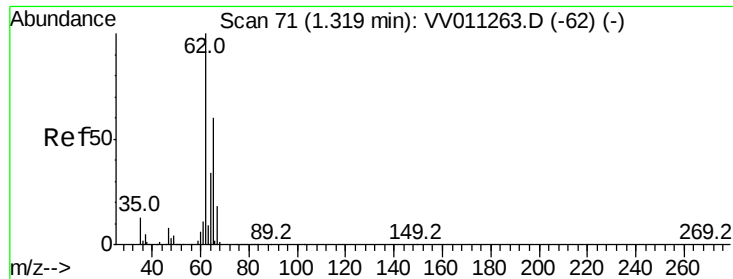
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.593 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

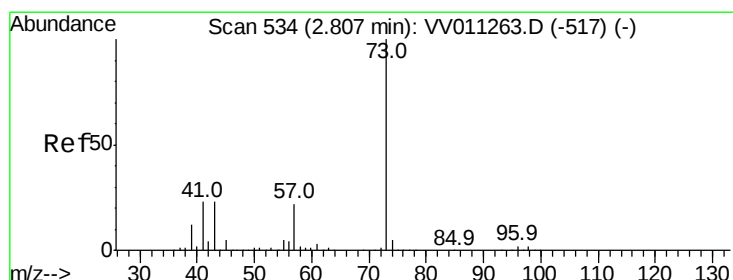
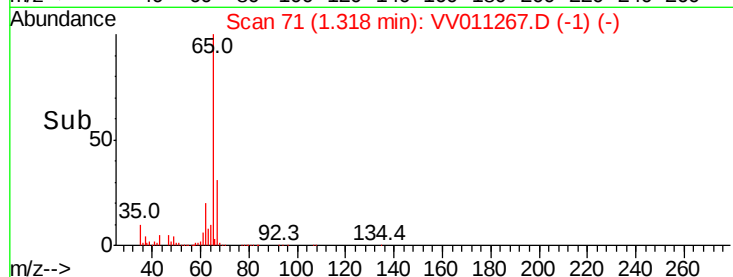
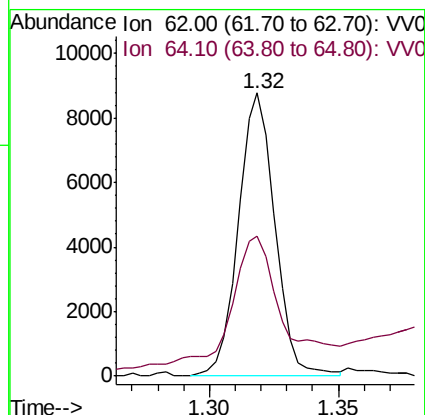
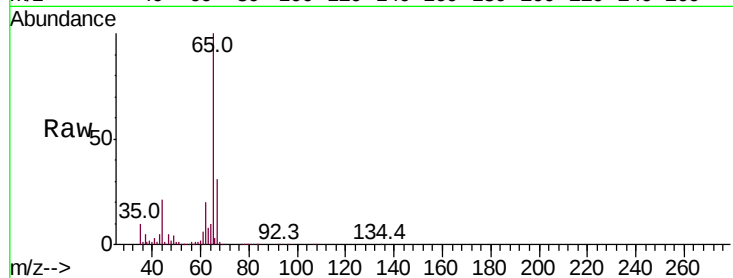
BFCN6

Tot Ion: 62 Resp: 8624

Ion Ratio Lower Upper

62 100

64 49.3 25.9 48.1#



#17

Methyl tert-butyl Ether

Concen: 0.235 ug/L

RT: 2.81 min Scan# 536

Delta R.T. 0.01 min

Lab File: VV011267.D

Acq: 07 Jun 2019 02:54

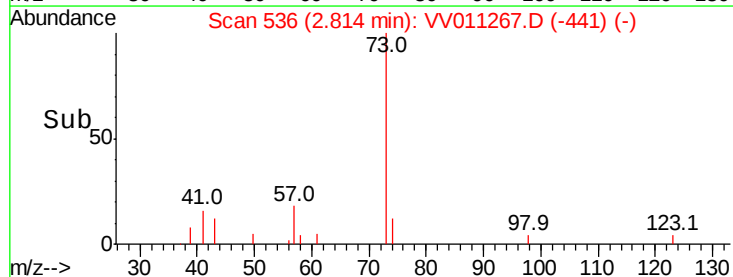
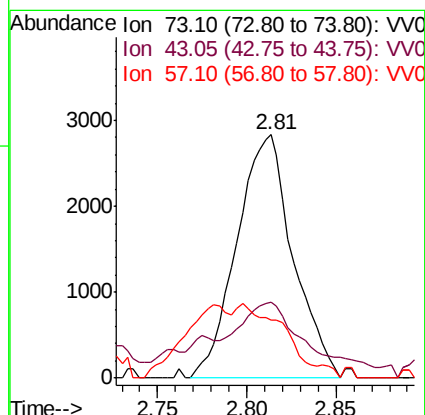
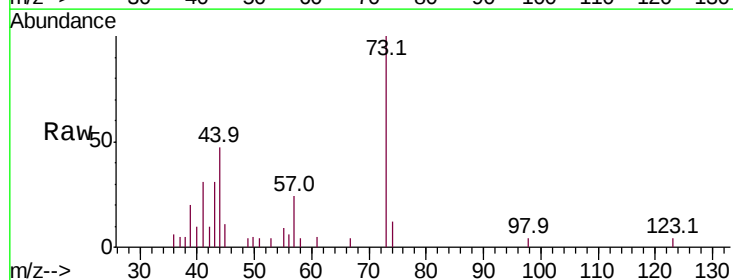
Tgt Ion: 73 Resp: 6243

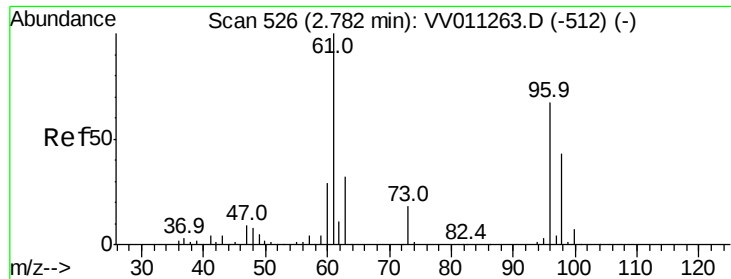
Ion Ratio Lower Upper

73 100

43 40.4 18.7 28.1#

57 27.0 18.1 27.1





#18

trans-1,2-Dichloroethene

Concen: 0.151 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV011267.D

Acq: 07 Jun 2019 02:54

Instrument :

MSVOA_V

ClientSampleId :

BFCN6

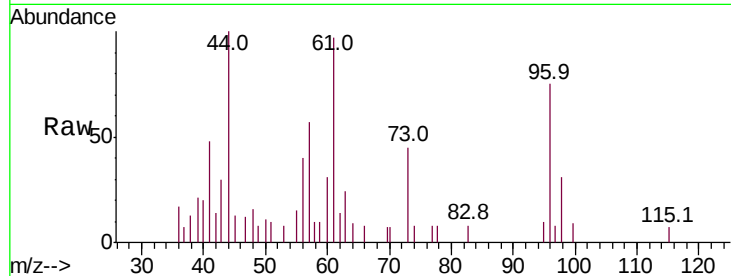
Tot Ion: 96 Resp: 1682

Ion Ratio Lower Upper

96 100

61 129.8 104.0 193.2

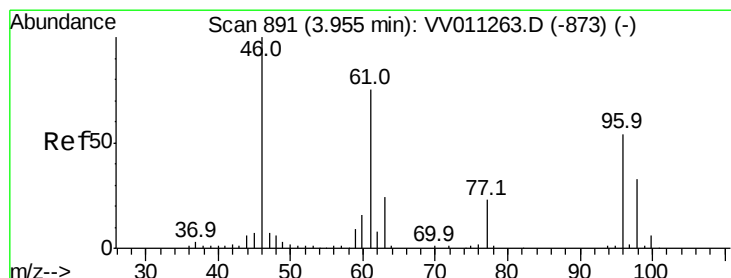
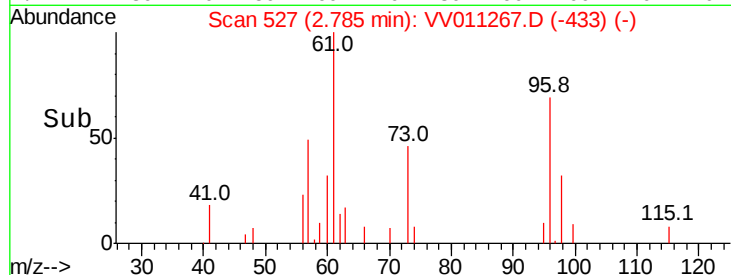
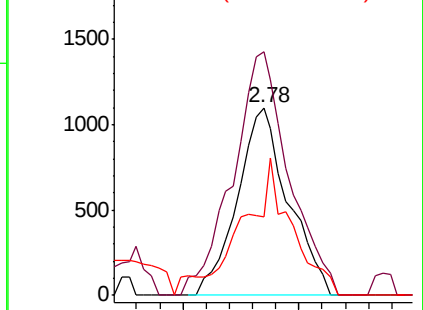
98 41.5 45.7 84.9#



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



#22

cis-1,2-Dichloroethene

Concen: 2.409 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV011267.D

Acq: 07 Jun 2019 02:54

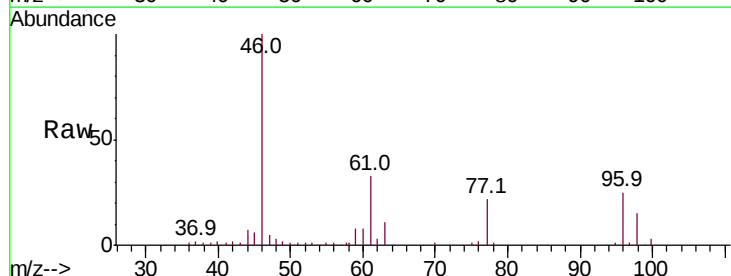
Tgt Ion: 96 Resp: 29751

Ion Ratio Lower Upper

96 100

61 133.0 100.8 187.2

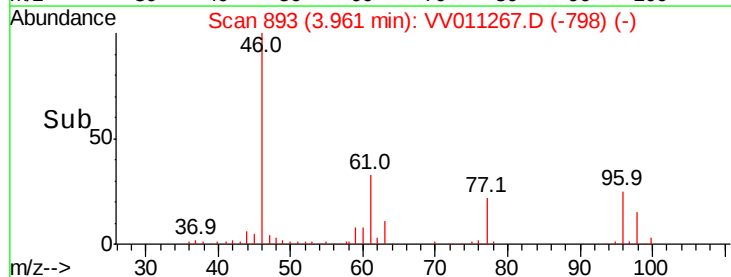
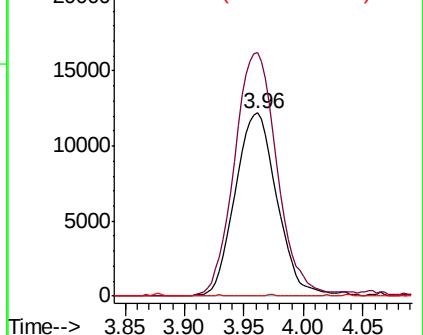
68 0.0 0.0 0.0

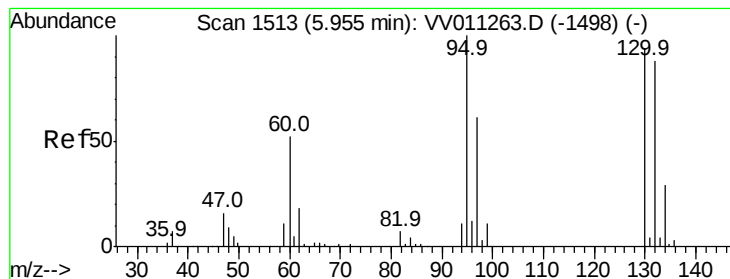


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 32.230 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011267.D

Acq: 07 Jun 2019 02:54

Instrument :

MSVOA_V

ClientSampleId :

BFCN6

Tot Ion: 95 Resp: 385028

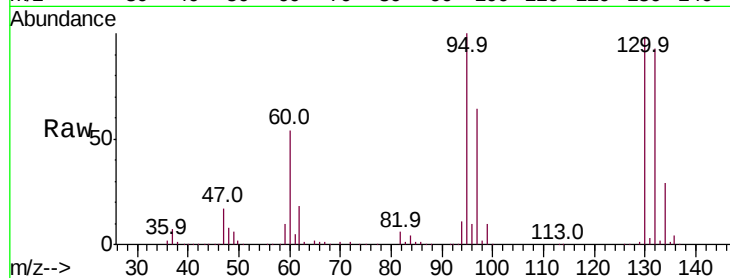
Ion Ratio Lower Upper

95 100

97 64.2 45.8 85.2

132 92.9 66.4 123.2

130 97.6 68.3 126.8

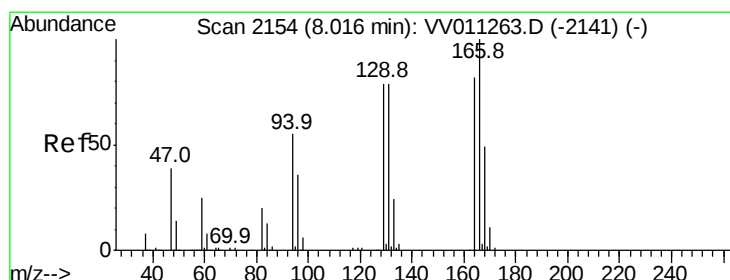
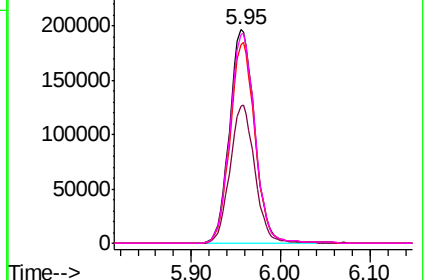
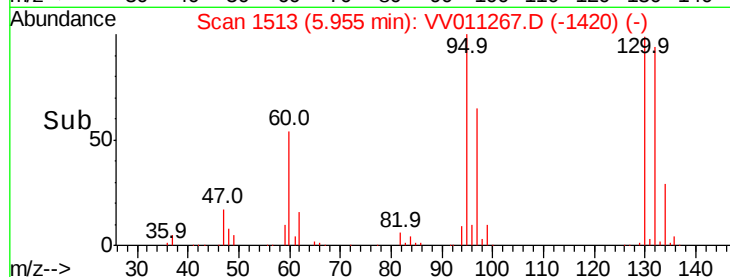


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 10.473 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011267.D

Acq: 07 Jun 2019 02:54

Tgt Ion:164 Resp: 90421

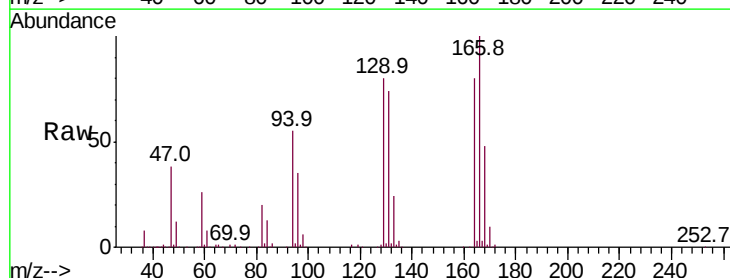
Ion Ratio Lower Upper

164 100

129 100.0 69.9 129.9

131 92.7 66.8 124.2

166 125.4 90.2 167.6



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

