

Data File : VV011584.D
Acq On : 18 Jun 2019 19:28
Operator : SY/MD
Sample : K3289-16DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCM1DL

Quant Time: Jun 24 02:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55041	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.57	69	37421	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	91949	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.95	46	200809	57.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.50%
24) Chloroform-d	4.40	84	123466	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	74024	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.09	84	238396	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	78138	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	202887	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	23566	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.14	63	149056	55.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53416	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	64282	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

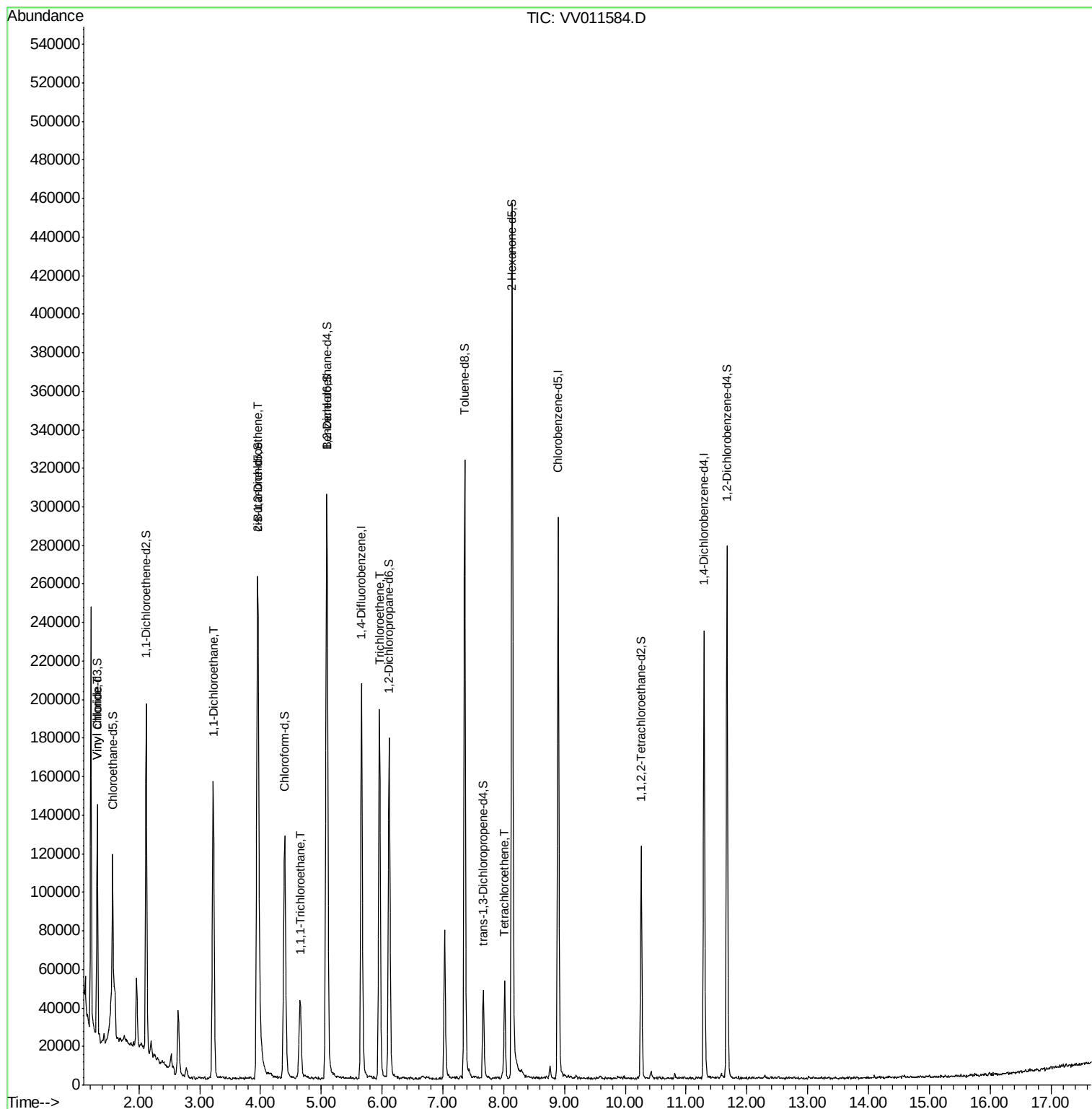
					Qvalue
5) Vinyl chloride	1.32	62	18303	1.172 ug/L	# 78
19) 1,1-Dichloroethane	3.22	63	152540	6.406 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	80683	6.187 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	30556	1.661 ug/L	98
34) Trichloroethene	5.96	95	65433	5.312 ug/L	99
47) Tetrachloroethene	8.02	164	10408	1.185 ug/L	93

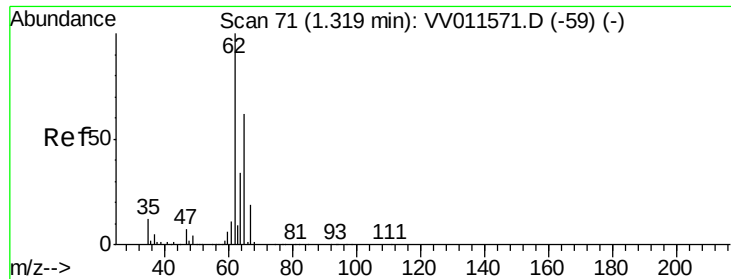
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.172 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 18 Jun 2019 19:28

Instrument :

MSVOA_V

ClientSampleId :

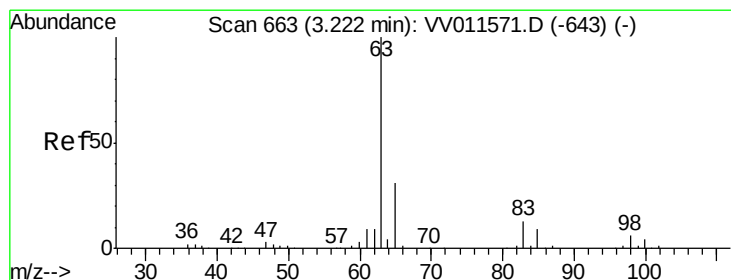
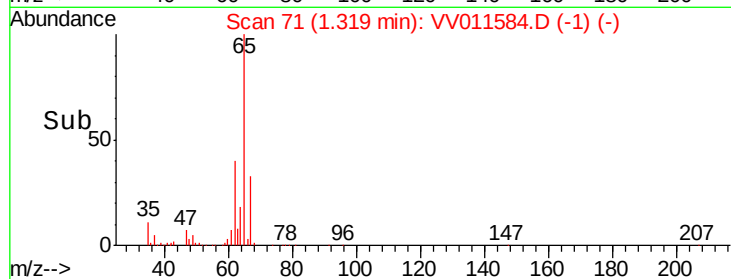
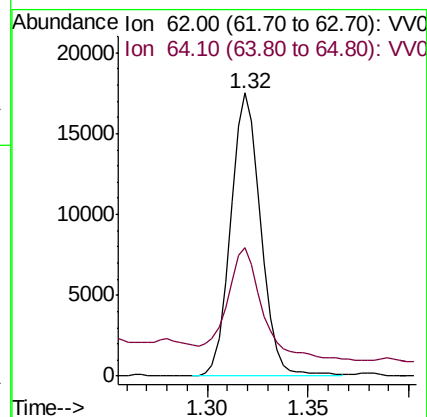
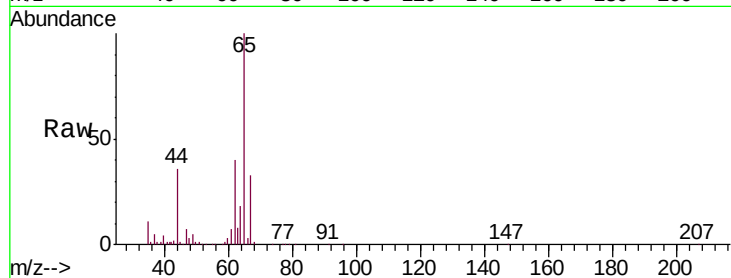
BFCM1DL

Tgt Ion: 62 Resp: 18303

Ion Ratio Lower Upper

62 100

64 45.3 23.0 42.6#



#19

1,1-Dichloroethane

Concen: 6.406 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011584.D

Acq: 18 Jun 2019 19:28

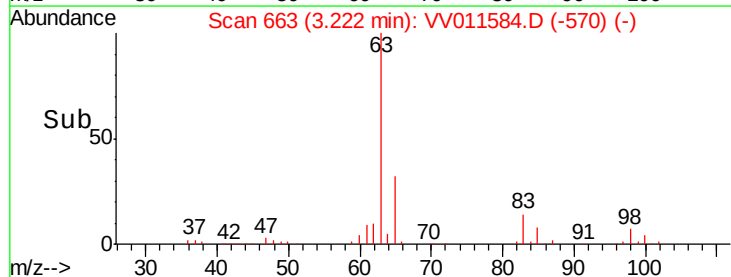
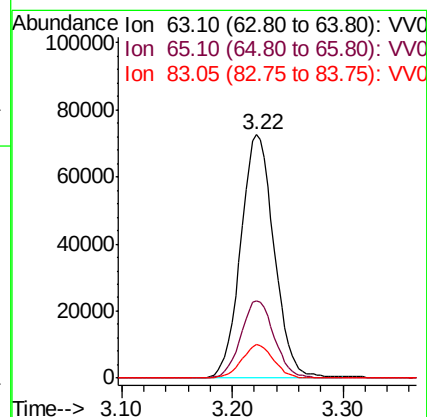
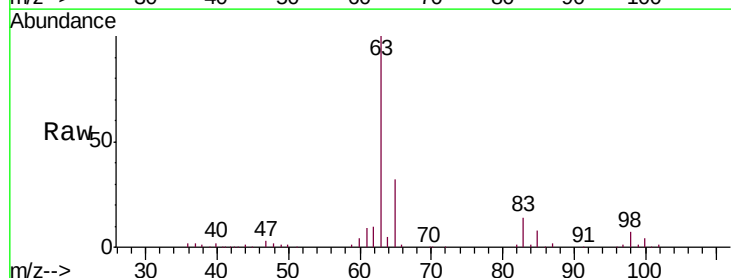
Tgt Ion: 63 Resp: 152540

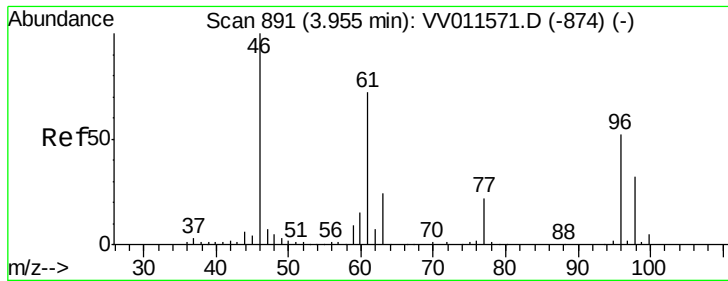
Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.9

83 13.7 10.1 18.9



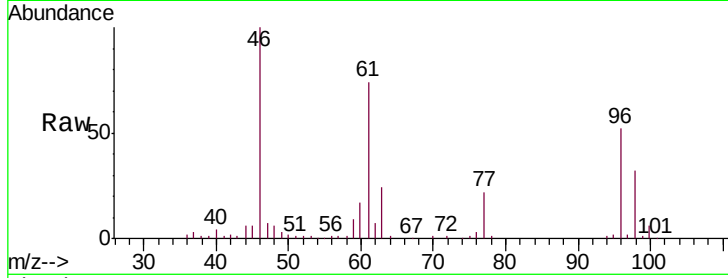


#22

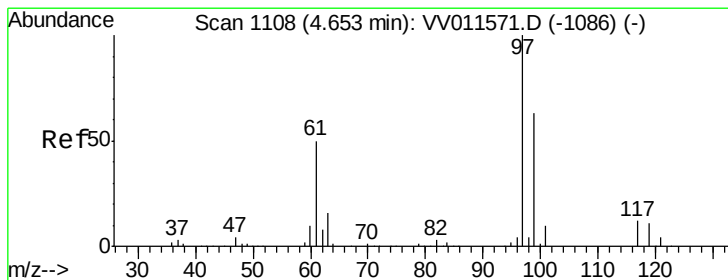
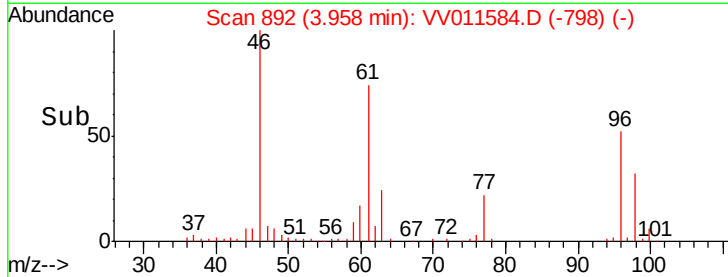
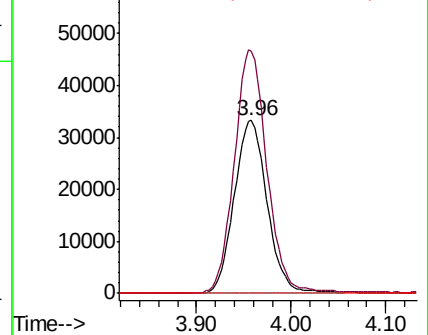
cis-1,2-Dichloroethene
 Concen: 6.187 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011584.D
 Acq: 18 Jun 2019 19:28

Instrument :
 MSVOA_V
 ClientSampleID :
 BFCM1DL

Tgt Ion: 96 Resp: 80683
 Ion Ratio Lower Upper
 96 100
 61 140.7 102.2 189.8
 68 0.0 0.0 0.0



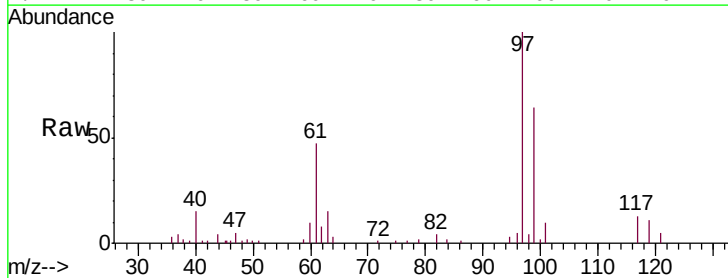
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



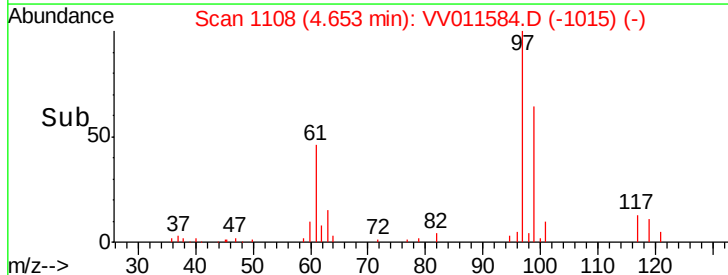
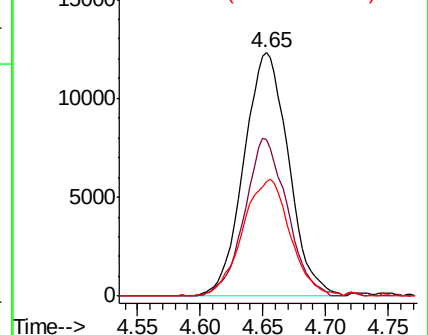
#29

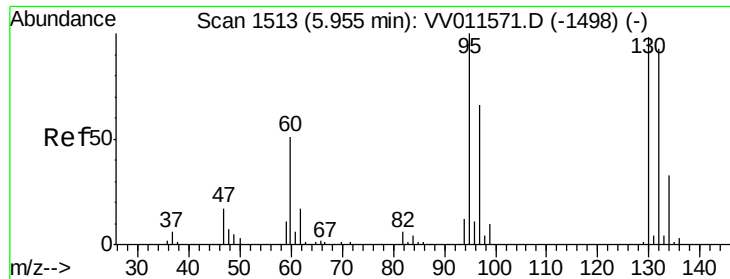
1,1,1-Trichloroethane
 Concen: 1.661 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV011584.D
 Acq: 18 Jun 2019 19:28

Tgt Ion: 97 Resp: 30556
 Ion Ratio Lower Upper
 97 100
 99 61.7 51.6 77.4
 61 51.1 40.4 60.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 5.312 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011584.D

Acq: 18 Jun 2019 19:28

Instrument :

MSVOA_V

ClientSampleId :

BFCM1DL

Tgt Ion: 95 Resp: 65433

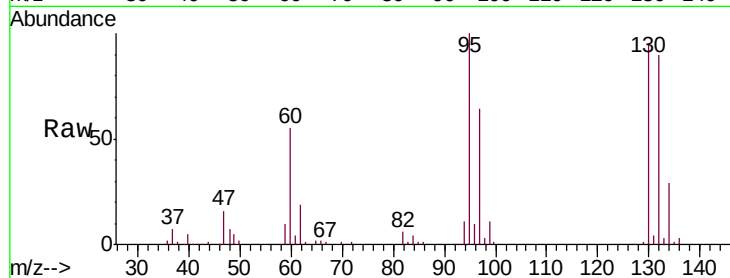
Ion Ratio Lower Upper

95 100

97 63.9 44.4 82.4

132 90.2 63.5 117.9

130 95.3 68.5 127.3

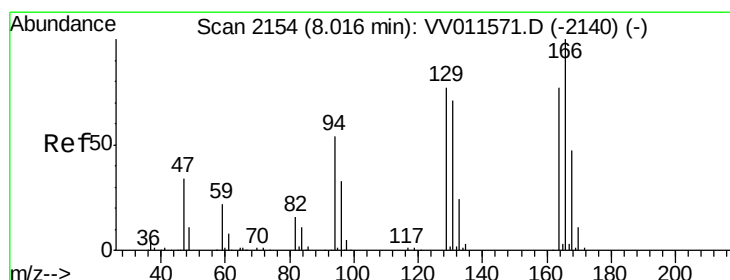
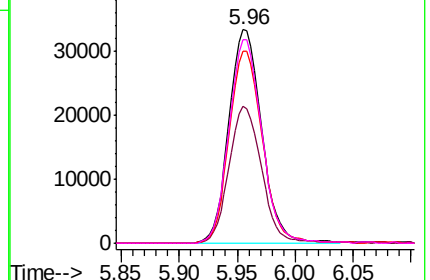
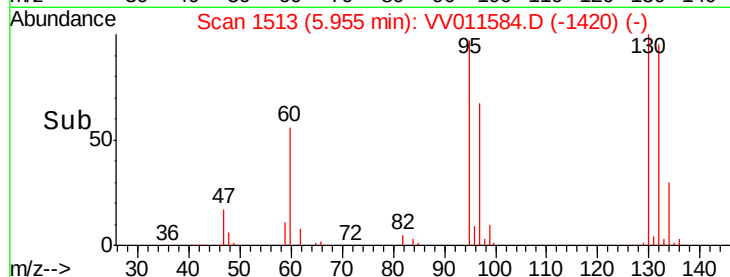


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.185 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011584.D

Acq: 18 Jun 2019 19:28

Tgt Ion: 164 Resp: 10408

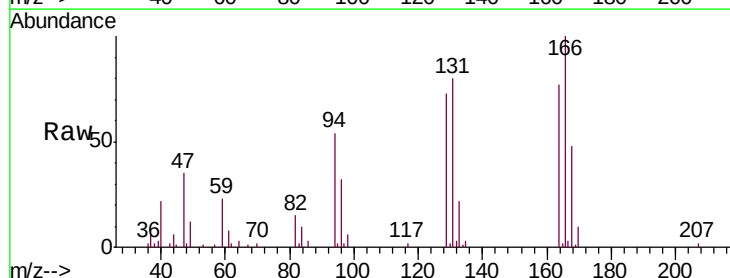
Ion Ratio Lower Upper

164 100

129 94.7 68.8 127.8

131 103.6 63.2 117.4

166 130.0 87.0 161.6



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

