

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016584.D
 Acq On : 06 Jun 2020 12:54
 Operator : SY/MD
 Sample : L2895-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0H0

Quant Time: Jun 07 00:15:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157974	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96649	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.44%
7) Chloroethane-d5	1.57	69	74436	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.12	63	136254	31.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.38%
21) 2-Butanone-d5	3.89	46	175053	111.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.11%
24) Chloroform-d	4.37	84	220229	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
26) 1,2-Dichloroethane-d4	5.05	65	154421	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.07	84	436591	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
36) 1,2-Dichloropropane-d6	6.09	67	140615	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.34	98	391595	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.64	79	66808	50.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.42%
47) 2-Hexanone-d5	8.11	63	127590	109.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185054	49.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	163402	55.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.08%

Target Compounds

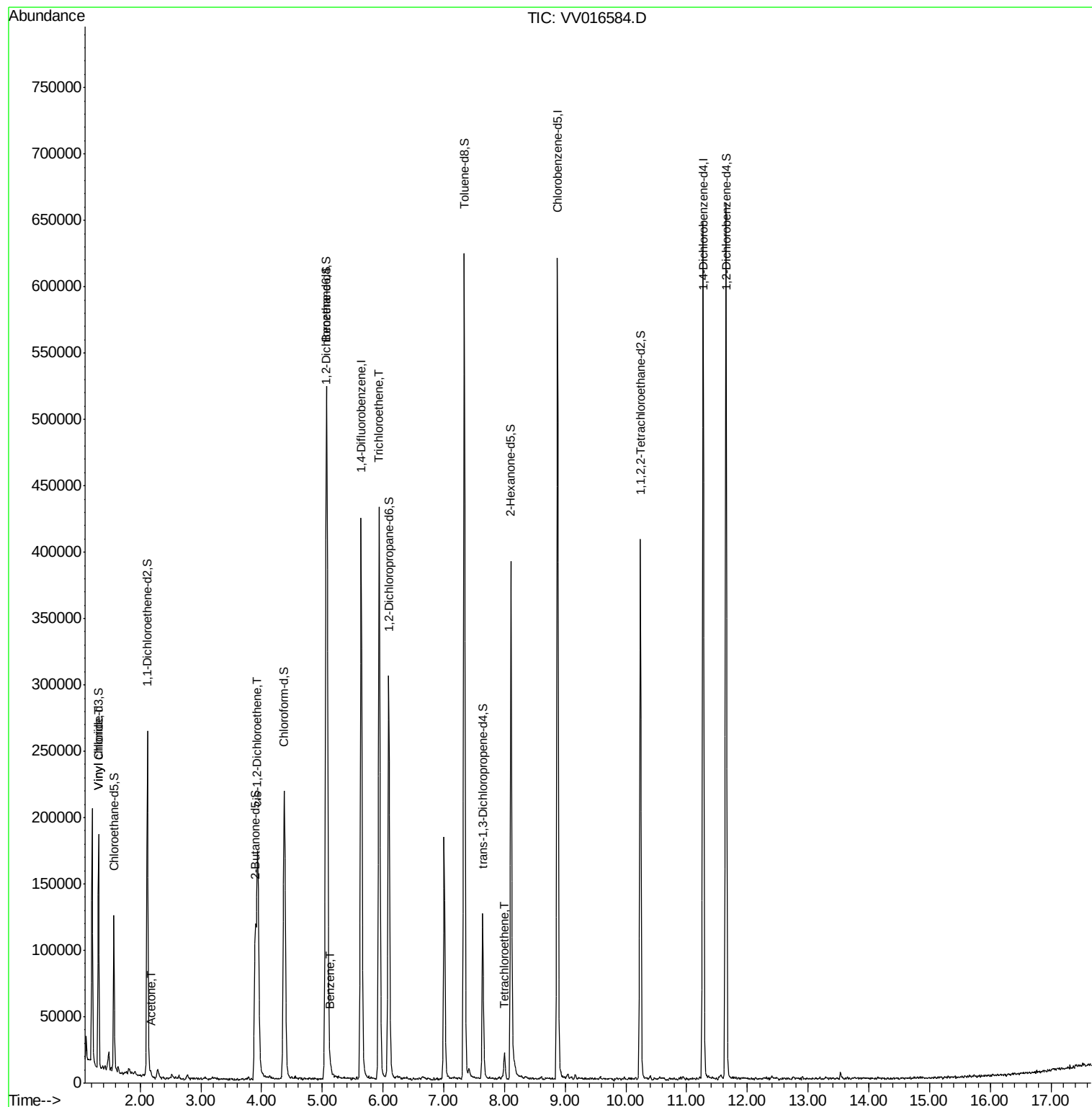
					Ovalue
5) Vinyl chloride	1.32	62	2717	1.017 ug/L	# 17
13) Acetone	2.17	43	4088	2.776 ug/L	79
20) cis-1,2-Dichloroethene	3.94	96	83502	31.750 ug/L	99
33) Benzene	5.13	78	7761	0.807 ug/L	100
34) Trichloroethene	5.94	95	146947	58.209 ug/L	95
46) Tetrachloroethene	8.00	164	4405	2.263 ug/L	97

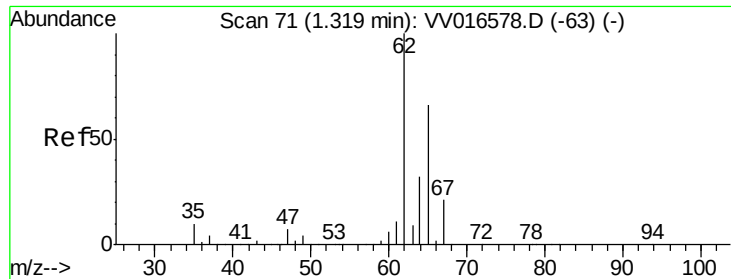
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.017 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016584.D

Acq: 06 Jun 2020 12:54

Instrument :

MSVOA_V

ClientSampleId :

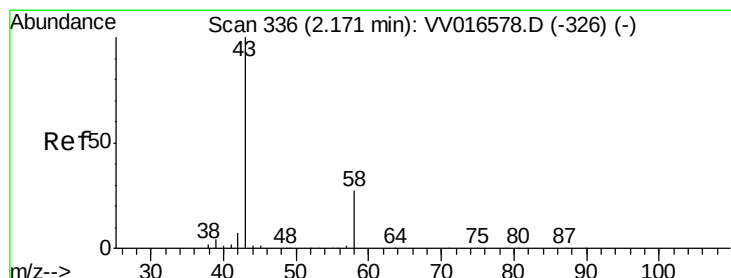
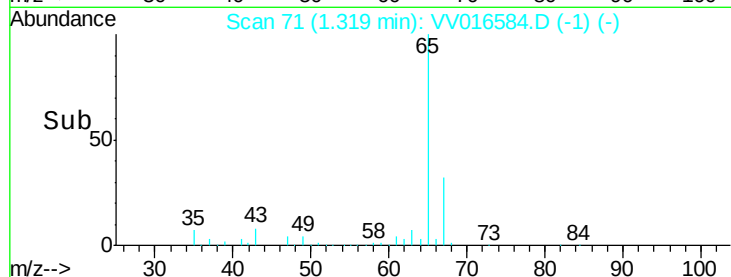
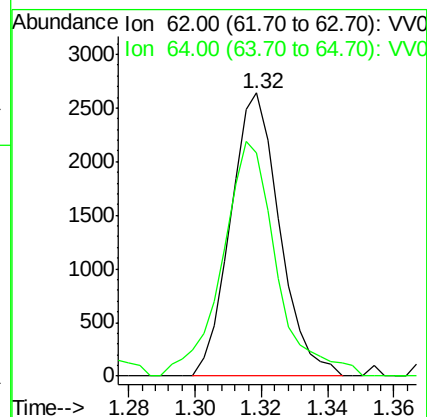
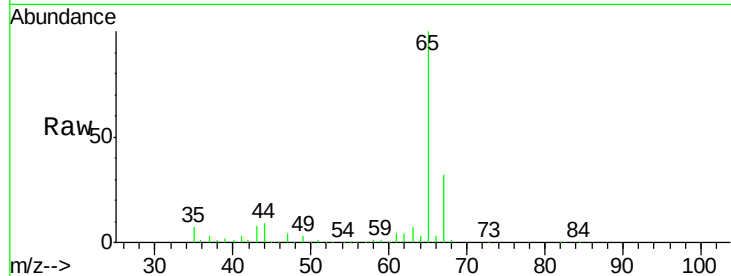
EW0H0

Tot Ion: 62 Resp: 2717

Ion Ratio Lower Upper

62 100

64 78.9 22.7 42.1#



#13

Acetone

Concen: 2.776 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016584.D

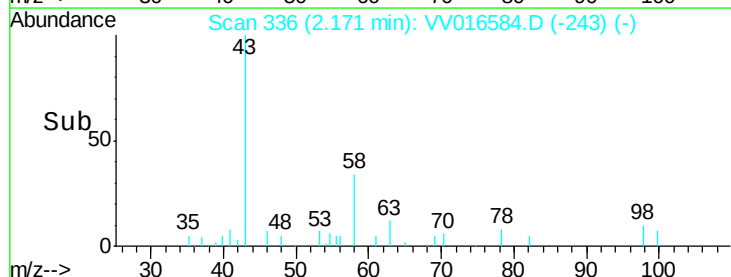
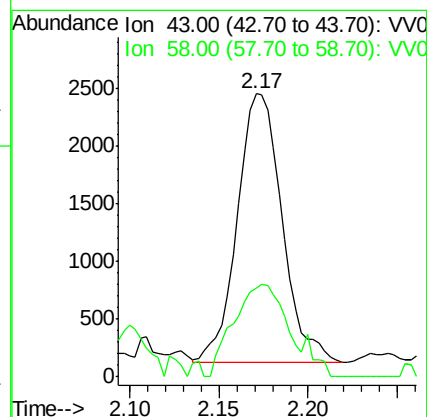
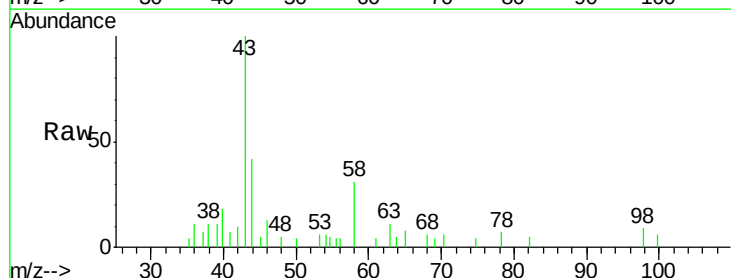
Acq: 06 Jun 2020 12:54

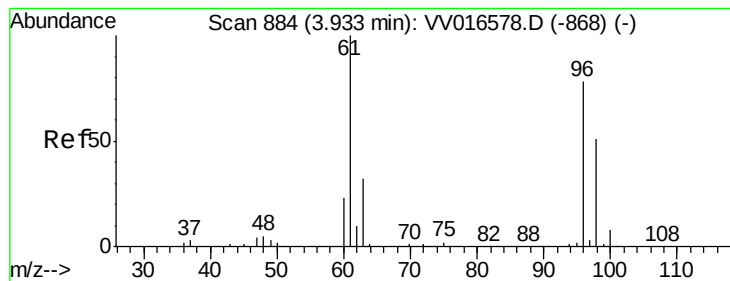
Tgt Ion: 43 Resp: 4088

Ion Ratio Lower Upper

43 100

58 39.7 0.0 57.2



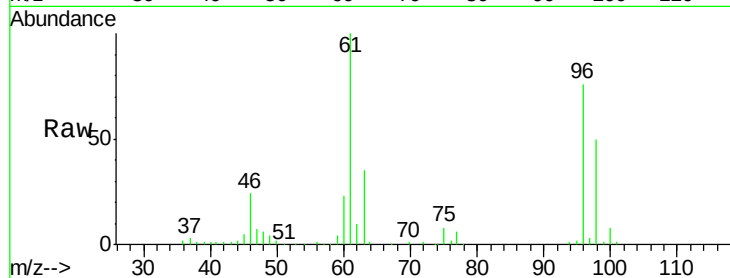


#20

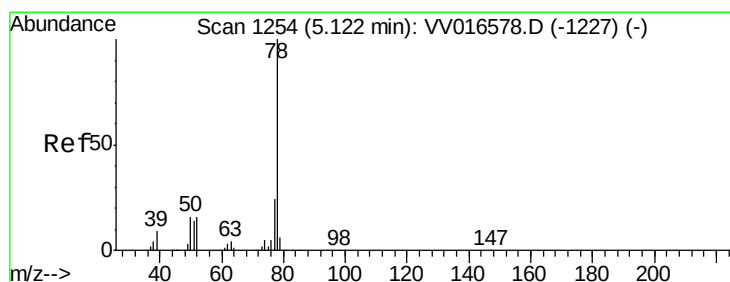
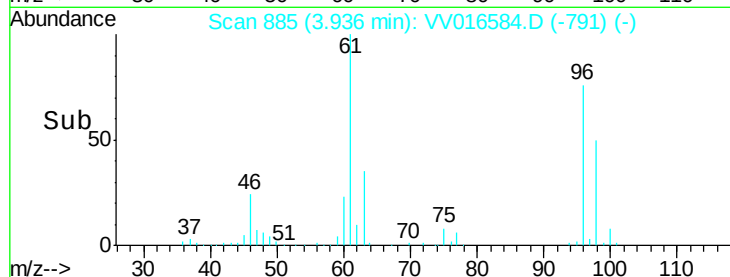
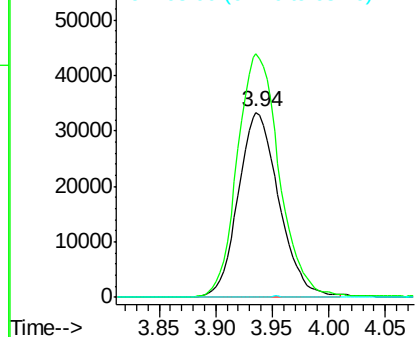
cis-1,2-Dichloroethene
 Concen: 31.750 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016584.D
 Acq: 06 Jun 2020 12:54

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0H0

Tot Ion: 96 Resp: 83502
 Ion Ratio Lower Upper
 96 100
 61 131.7 93.4 173.4
 68 0.0 0.0 0.0



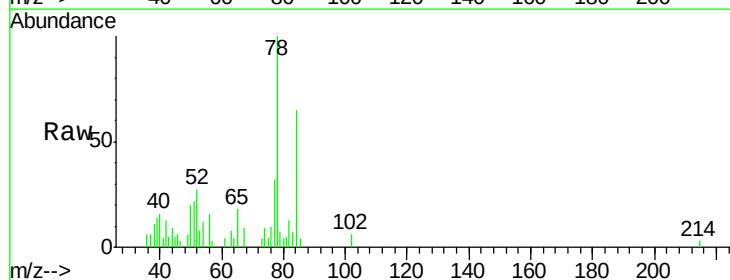
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



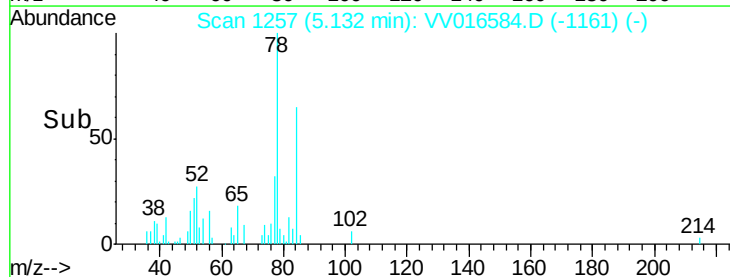
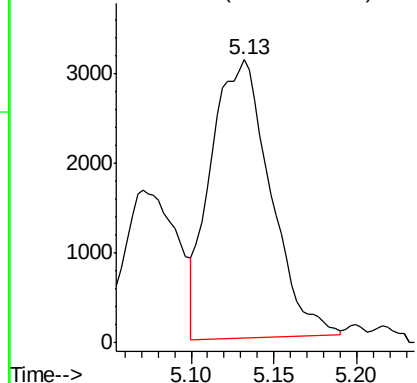
#33

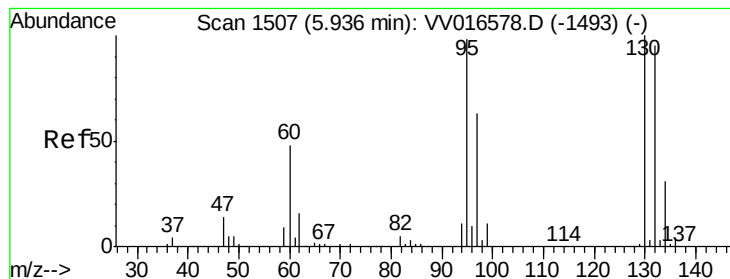
Benzene
 Concen: 0.807 ug/L
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: VV016584.D
 Acq: 06 Jun 2020 12:54

Tgt Ion: 78 Resp: 7761



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 58.209 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016584.D

Acq: 06 Jun 2020 12:54

Instrument :

MSVOA_V

ClientSampleId :

EW0H0

Tot Ion: 95 Resp: 146947

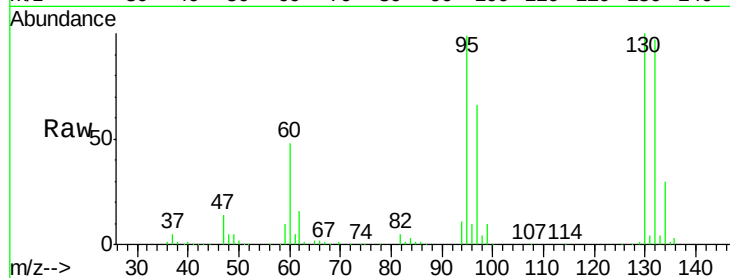
Ion Ratio Lower Upper

95 100

97 67.0 42.8 79.6

132 98.5 65.6 121.8

130 101.2 69.0 128.1



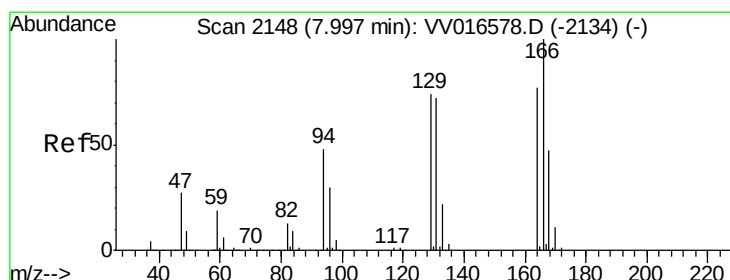
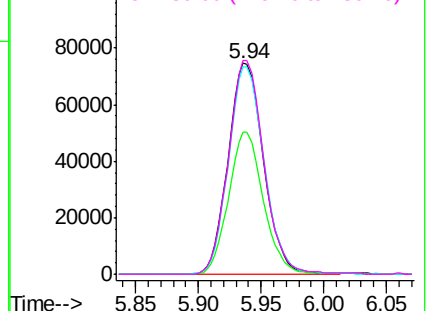
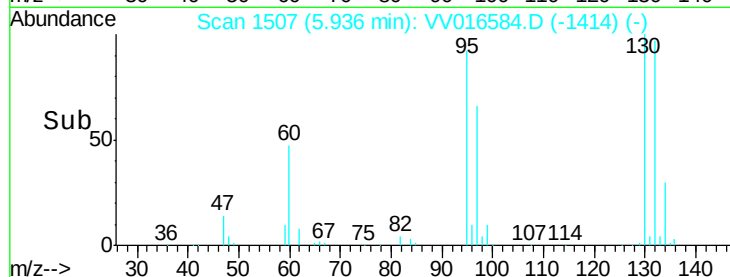
Abundance

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: 2.263 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016584.D

Acq: 06 Jun 2020 12:54

Tgt Ion: 164 Resp: 4405

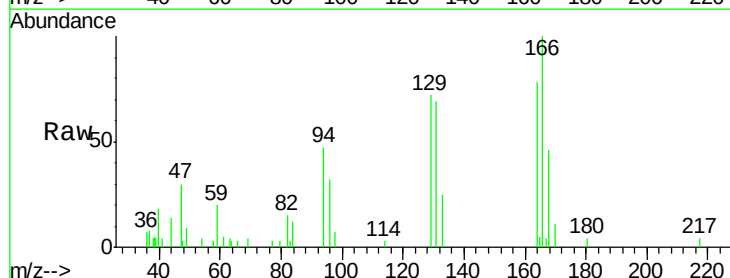
Ion Ratio Lower Upper

164 100

129 92.5 67.7 125.7

131 89.2 63.8 118.6

166 128.7 88.7 164.7



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

