

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007914.D
 Acq On : 27 Sep 2018 18:28
 Operator : SY/MD
 Sample : J5011-10DL 4X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G2DL

Quant Time: Sep 28 02:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20780	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	19032	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.14	63	35150	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	63939	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	4.41	84	47961	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	26727	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	94675	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.13	67	29302	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	88249	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	9666	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	46032	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21499	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	37163	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

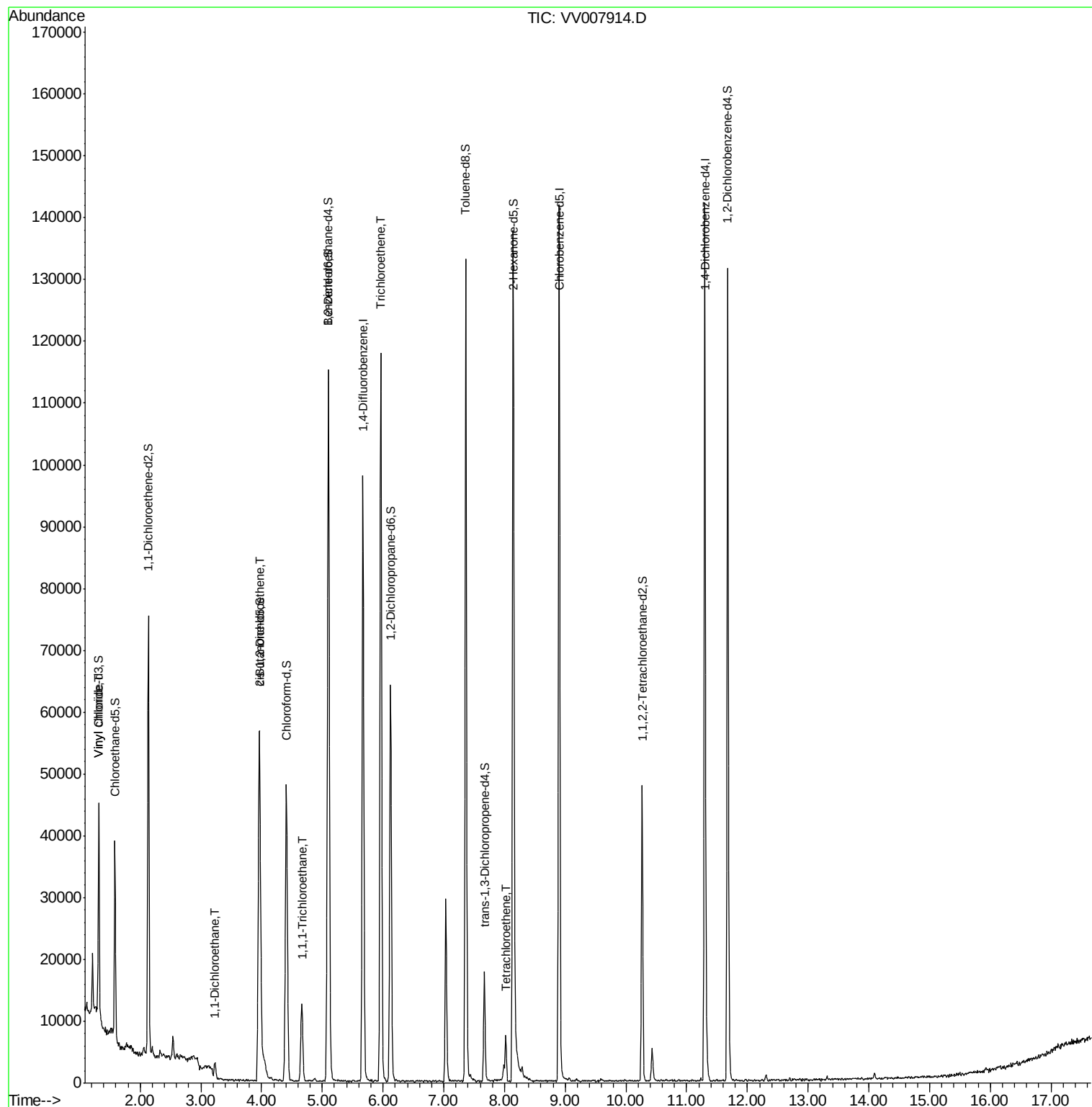
					Ovalue
5) Vinyl chloride	1.33	62	1722	0.262 ug/L	# 65
19) 1,1-Dichloroethane	3.23	63	3058	0.299 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	12407	2.045 ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	10298	1.106 ug/L	96
34) Trichloroethene	5.96	95	39641	6.242 ug/L	98
47) Tetrachloroethene	8.02	164	1653	0.281 ug/L	94

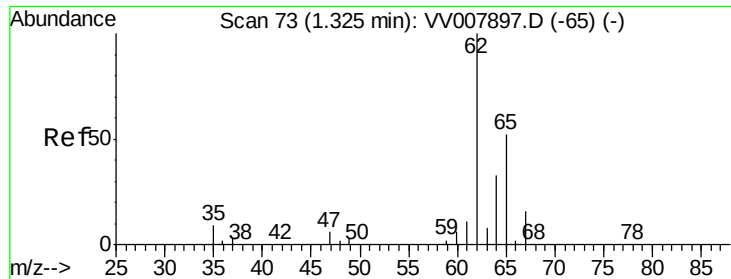
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.262 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV007914.D

Acq: 27 Sep 2018 18:28

Instrument :

MSVOA_V

ClientSampleId :

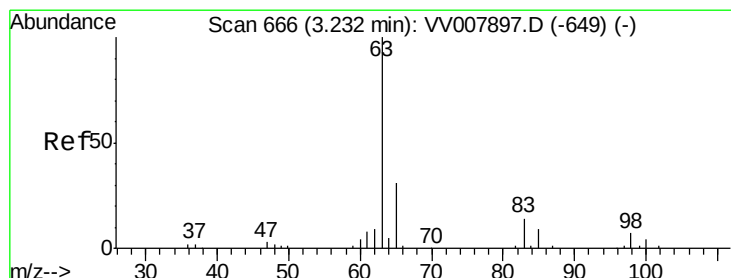
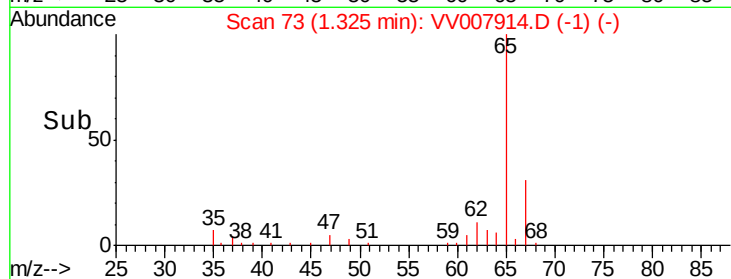
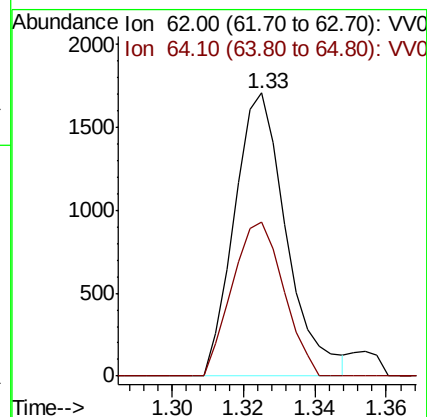
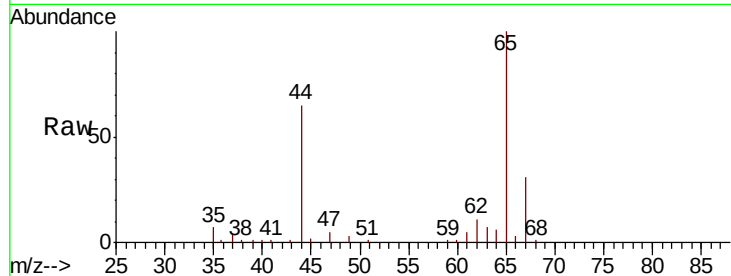
BE9G2DL

Tot Ion: 62 Resp: 1722

Ion Ratio Lower Upper

62 100

64 54.6 24.0 44.6#



#19

1,1-Dichloroethane

Concen: 0.299 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV007914.D

Acq: 27 Sep 2018 18:28

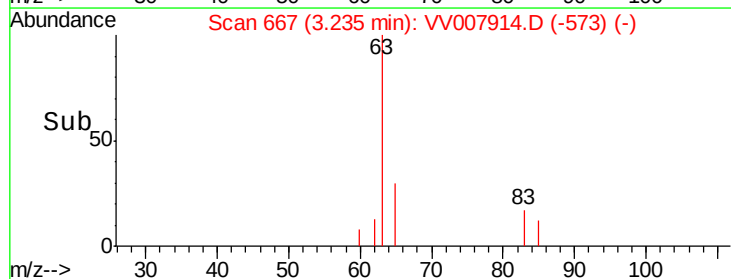
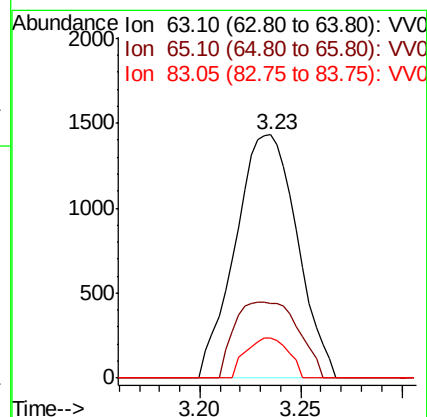
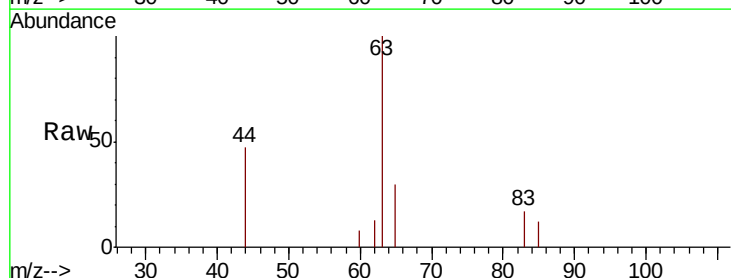
Tgt Ion: 63 Resp: 3058

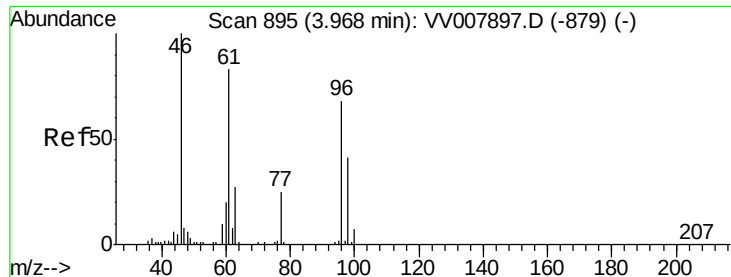
Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.5

83 16.7 9.8 18.2



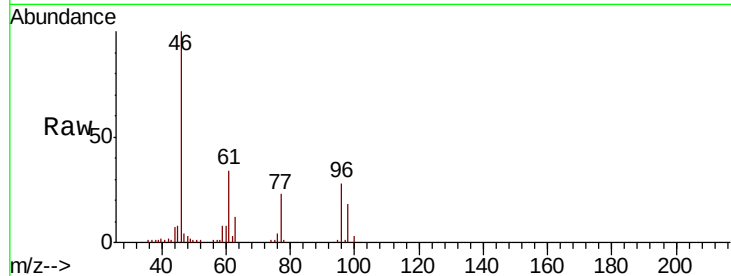


#22

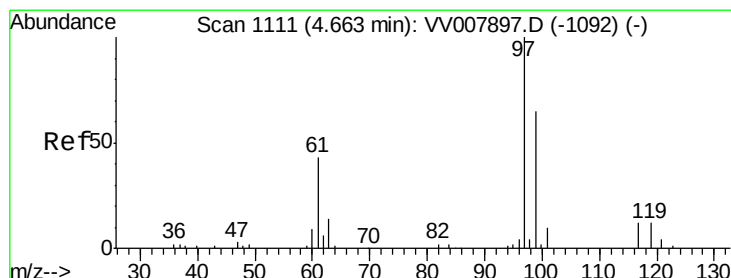
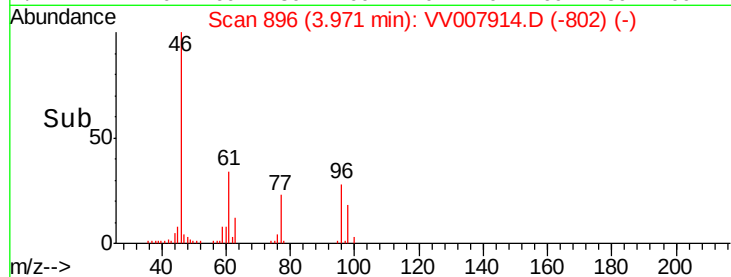
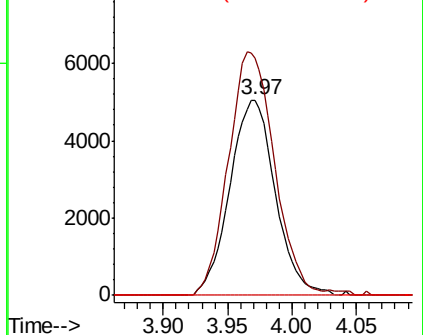
cis-1,2-Dichloroethene
 Concen: 2.045 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007914.D
 Acq: 27 Sep 2018 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9G2DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.6	89.5	166.1
68	0.0	0.0	0.0



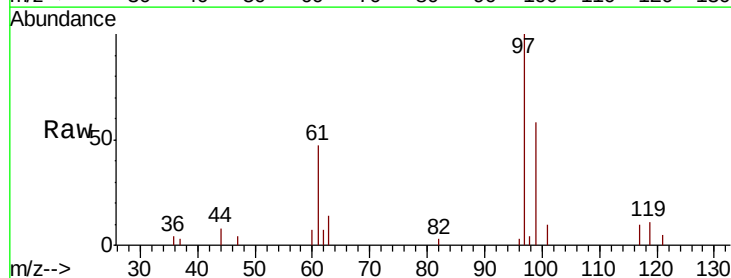
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



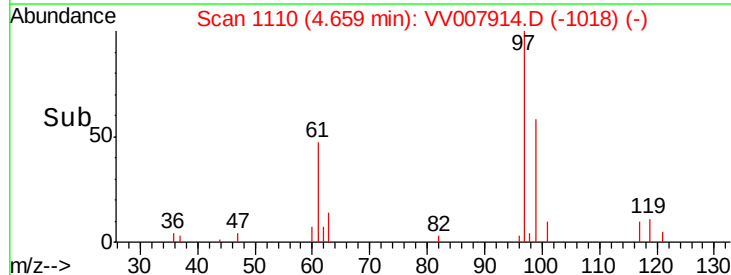
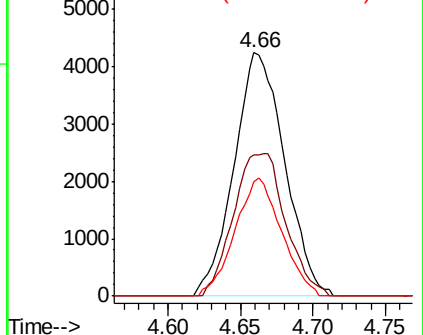
#29

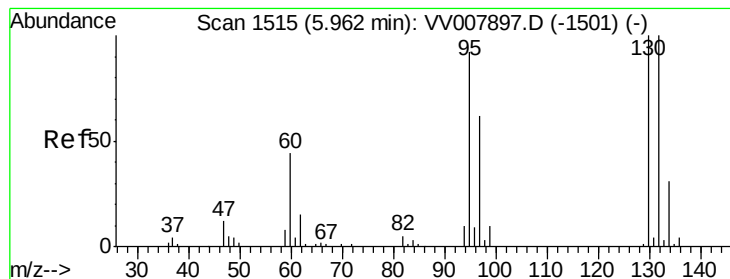
1,1,1-Trichloroethane
 Concen: 1.106 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV007914.D
 Acq: 27 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.4	51.2	76.8
61	44.6	34.6	52.0



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: 6.242 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007914.D

Acq: 27 Sep 2018 18:28

Instrument :

MSVOA_V

ClientSampleId :

BE9G2DL

Tot Ion: 95 Resp: 39641

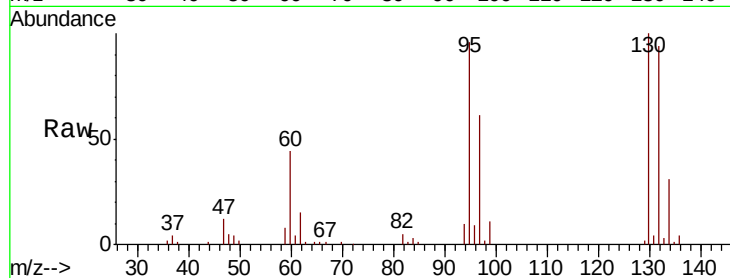
Ion Ratio Lower Upper

95 100

97 63.8 43.6 81.0

132 98.8 69.9 129.9

130 104.6 71.7 133.3

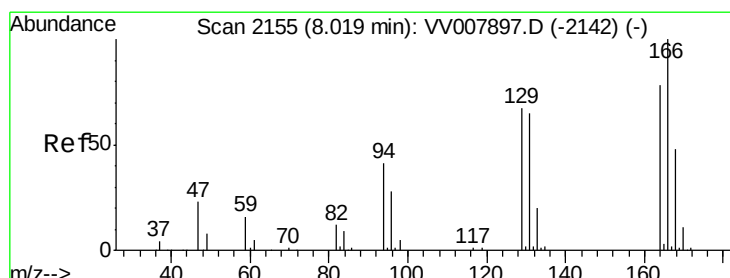
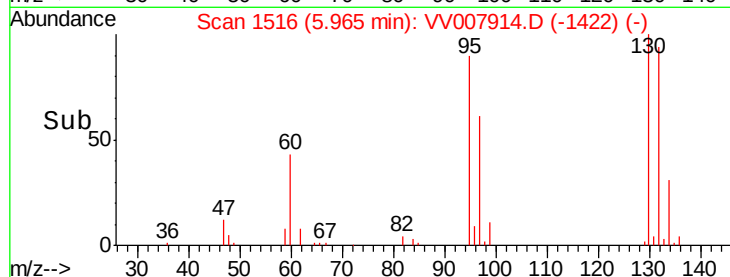
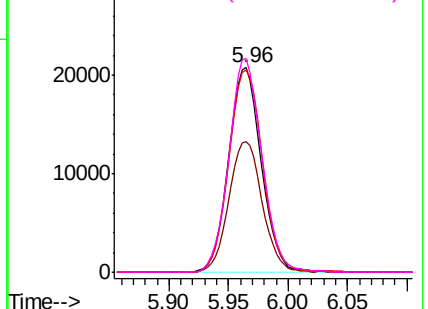


Abundance Ion 95.00 (94.70 to 95.70): VV007897.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007897.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007897.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007897.D (-1501) (-)



#47

Tetrachloroethene

Concen: 0.281 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007914.D

Acq: 27 Sep 2018 18:28

Tgt Ion: 164 Resp: 1653

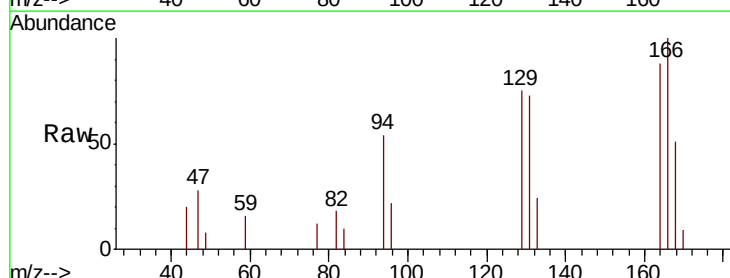
Ion Ratio Lower Upper

164 100

129 85.6 59.2 110.0

131 82.8 57.1 106.1

166 113.5 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV007897.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV007897.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV007897.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV007897.D (-2142) (-)

