

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008083.D
 Acq On : 05 Oct 2018 01:09
 Operator : SY/MD
 Sample : J5246-17
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J85

Quant Time: Oct 05 07:06:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16767	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.59	69	16034	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.14	63	30326	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	70294	55.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.41	84	48703	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	24767	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	87937	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.13	67	29812	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	78153	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	9351	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	46662	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22970	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34464	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

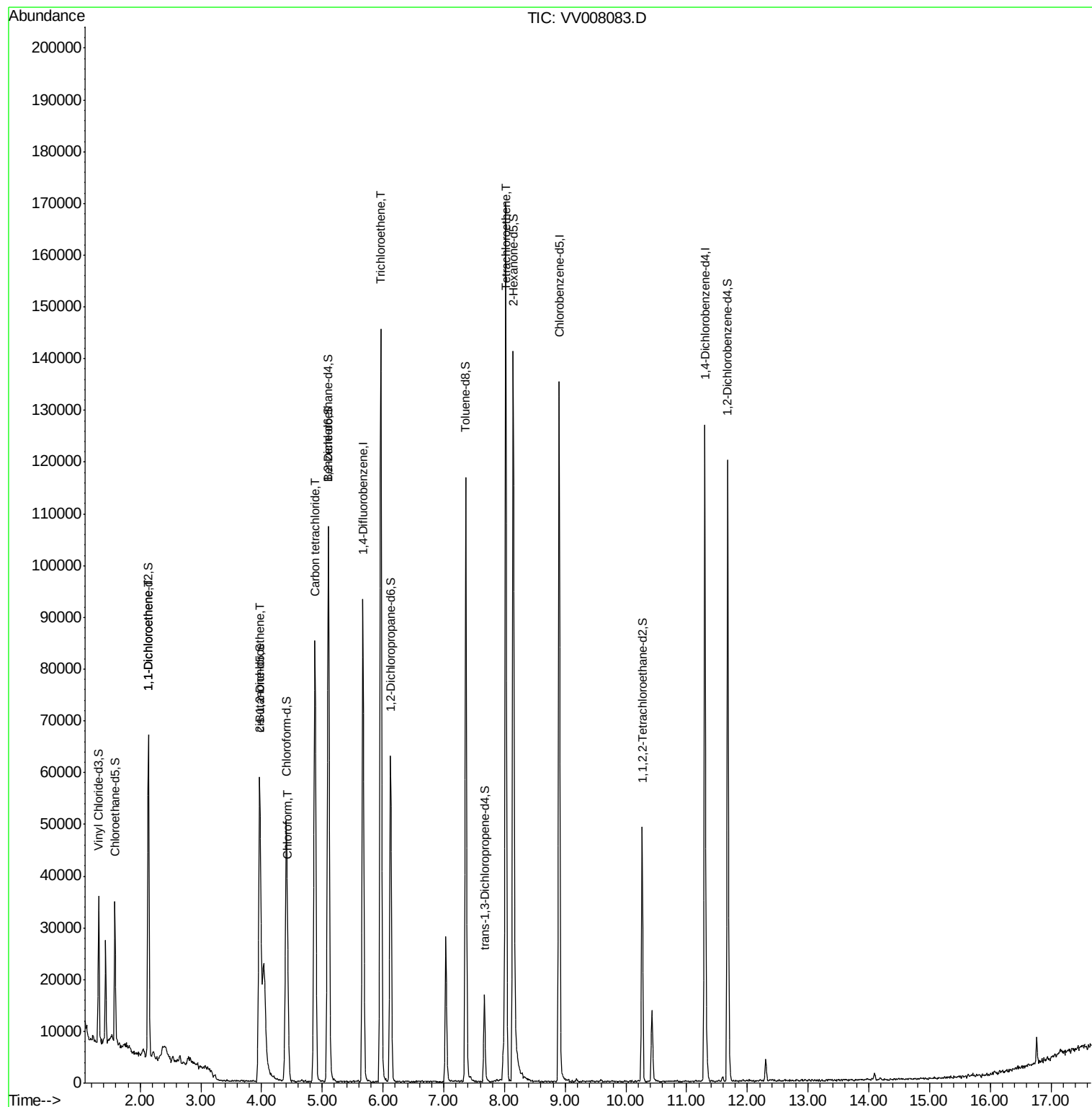
					Qvalue
12) 1,1-Dichloroethene	2.14	96	4245	0.811 ug/L	# 1
22) cis-1,2-Dichloroethene	3.97	96	11734	2.007 ug/L	91
25) Chloroform	4.43	83	9292	0.872 ug/L	96
31) Carbon tetrachloride	4.88	117	63184	7.883 ug/L	99
34) Trichloroethene	5.96	95	48374	7.803 ug/L	94
47) Tetrachloroethene	8.02	164	39941	6.952 ug/L	98

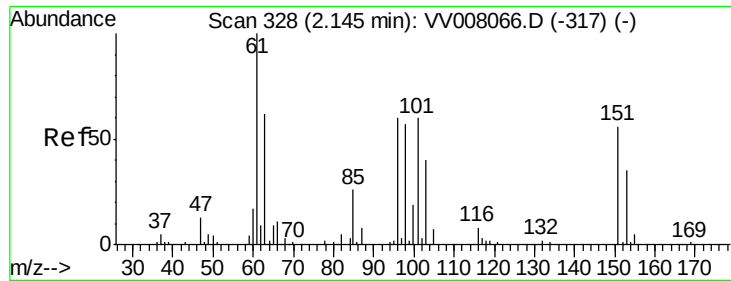
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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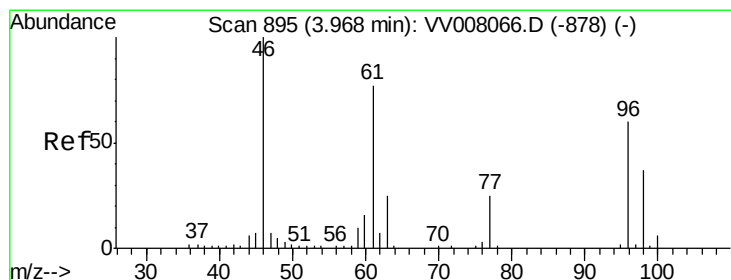
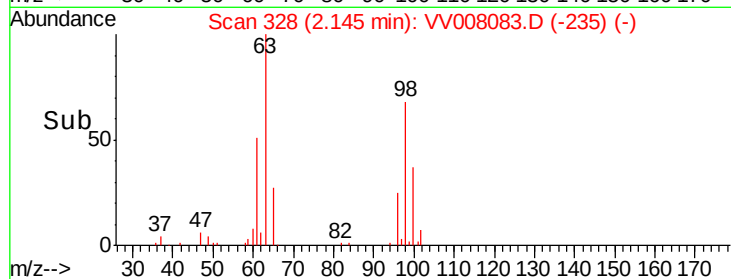
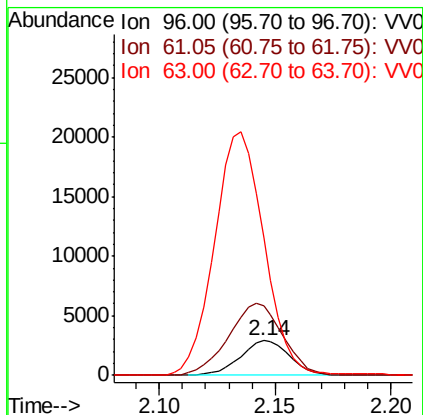
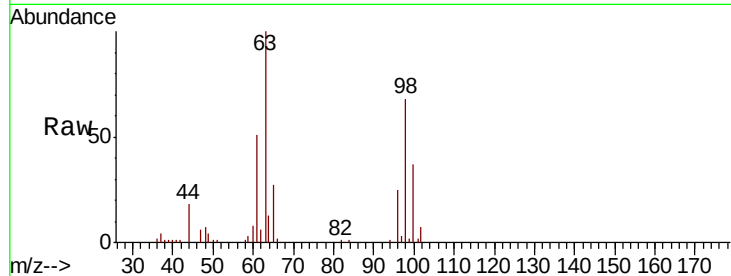




#12
 1,1-Dichloroethene
 Concen: 0.811 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008083.D
 Acq: 05 Oct 2018 01:09

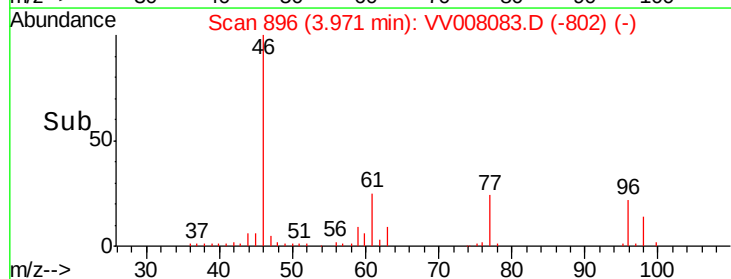
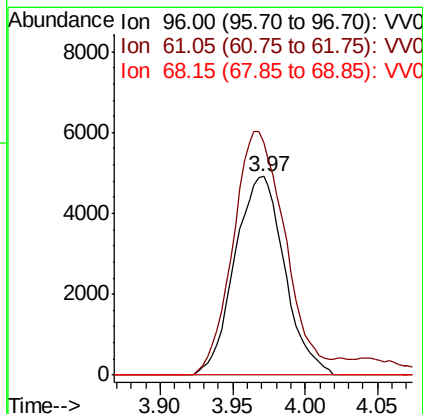
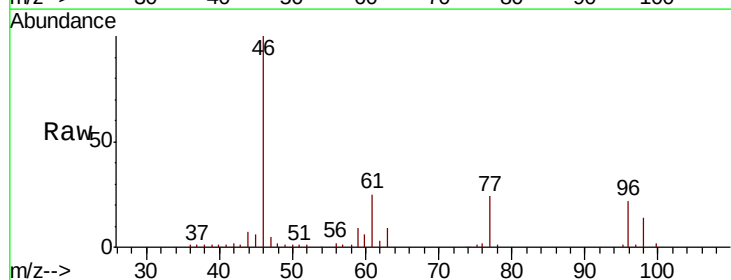
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 MSVOA_V
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 C0J85

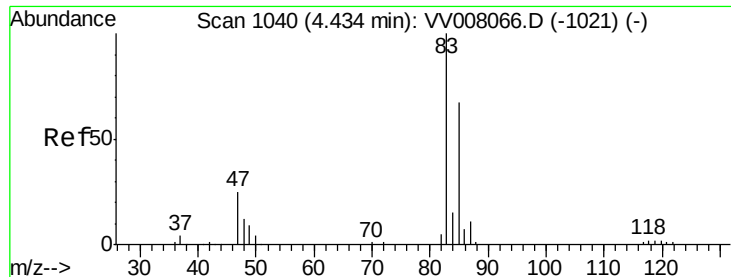
Tgt Ion: 96 Resp: 4245
 Ion Ratio Lower Upper
 96 100
 61 201.6 114.1 211.9
 63 398.3 81.5 151.3#



#22
 cis-1,2-Dichloroethene
 Concen: 2.007 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV008083.D
 Acq: 05 Oct 2018 01:09

Tgt Ion: 96 Resp: 11734
 Ion Ratio Lower Upper
 96 100
 61 117.1 89.5 166.1
 68 0.0 0.0 0.0

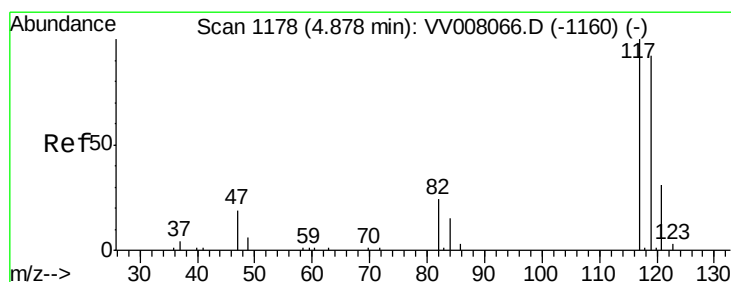
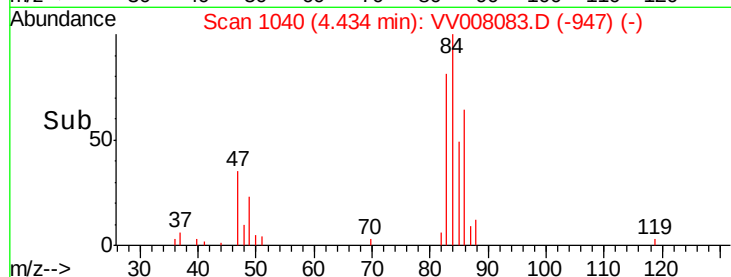
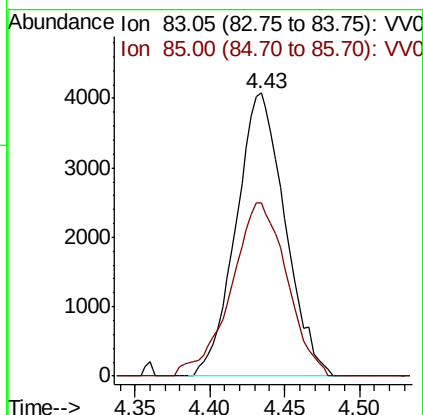
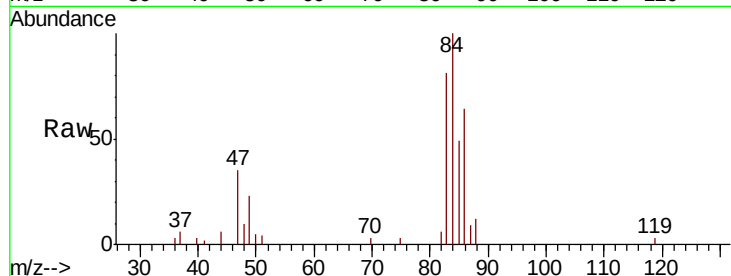




#25
Chloroform
Concen: 0.872 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

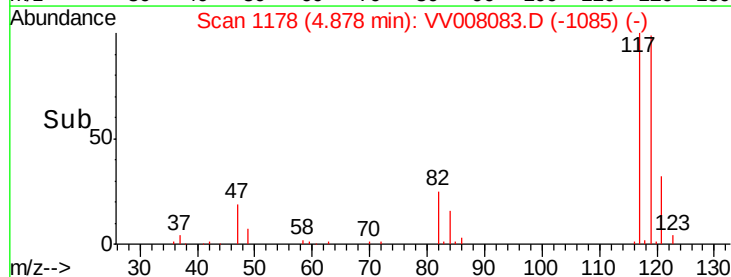
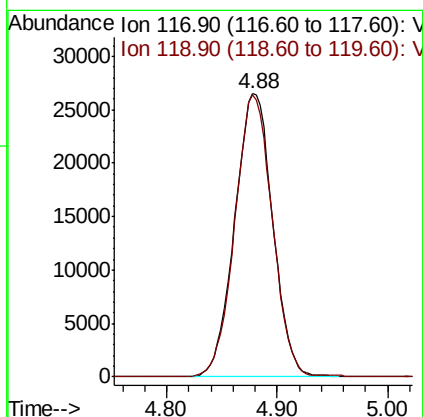
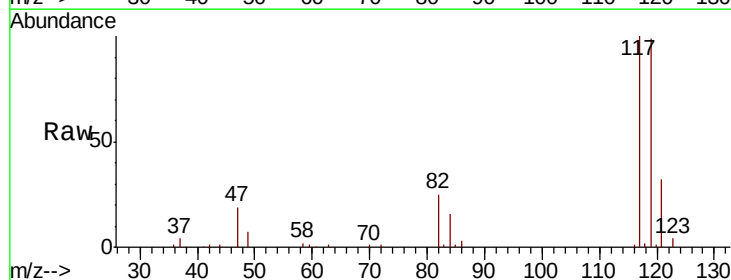
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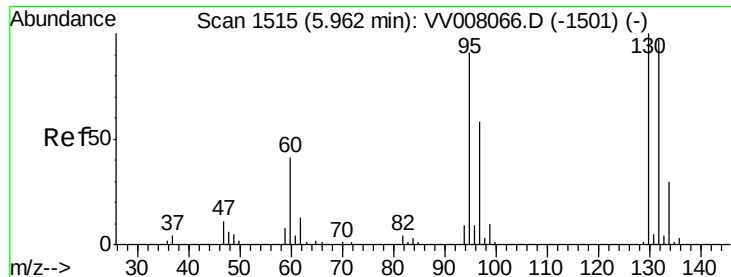
Tgt Ion: 83 Resp: 9292
Ion Ratio Lower Upper
83 100
85 61.1 44.8 83.2



#31
Carbon tetrachloride
Concen: 7.883 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VV008083.D
Acq: 05 Oct 2018 01:09

Tgt Ion: 117 Resp: 63184
Ion Ratio Lower Upper
117 100
119 98.3 77.8 116.8





#34

Trichloroethene

Concen: 7.803 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Instrument :

MSVOA_V

ClientSampleId :

C0J85

Tgt Ion: 95 Resp: 48374

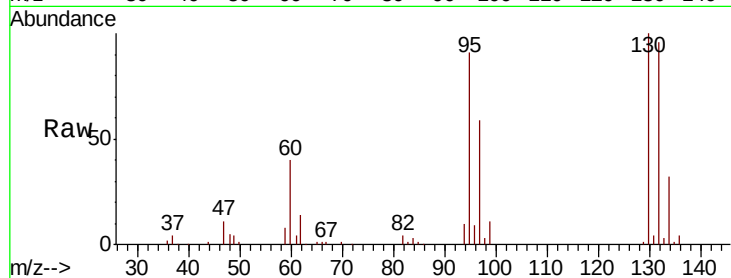
Ion Ratio Lower Upper

95 100

97 65.0 43.6 81.0

132 105.9 69.9 129.9

130 110.3 71.7 133.3

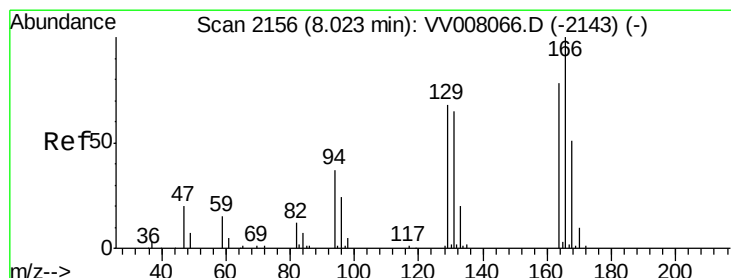
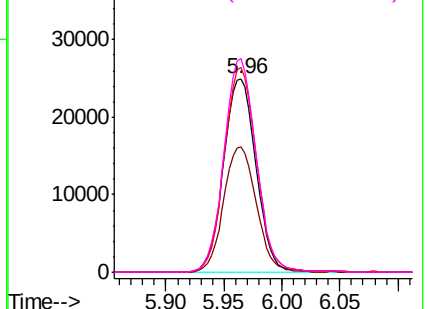
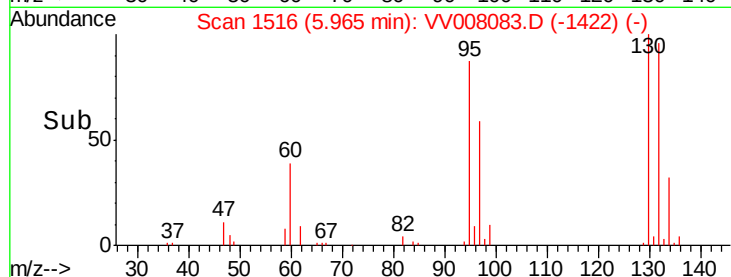


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.952 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008083.D

Acq: 05 Oct 2018 01:09

Tgt Ion: 164 Resp: 39941

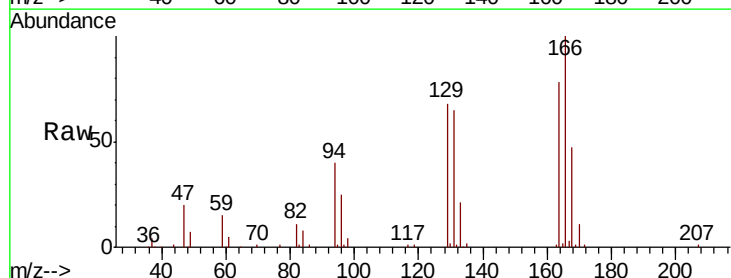
Ion Ratio Lower Upper

164 100

129 87.2 59.2 110.0

131 82.4 57.1 106.1

166 127.7 88.6 164.6



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

