

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102518\
 Data File : VV008411.D
 Acq On : 25 Oct 2018 16:21
 Operator : SY/MD
 Sample : J5670-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2

Quant Time: Oct 25 23:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73112	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58826	54.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.84%
7) Chloroethane-d5	1.57	69	43377	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.14%
11) 1,1-Dichloroethene-d2	2.13	63	78323	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
21) 2-Butanone-d5	3.94	46	114171	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.41	84	131454	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	90460	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.10	84	271182	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
36) 1,2-Dichloropropane-d6	6.12	67	92441	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	7.36	98	246601	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%
43) trans-1,3-Dichloropropene-	7.67	79	44408	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.22%
47) 2-Hexanone-d5	8.14	63	87812	95.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117868	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	78415	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

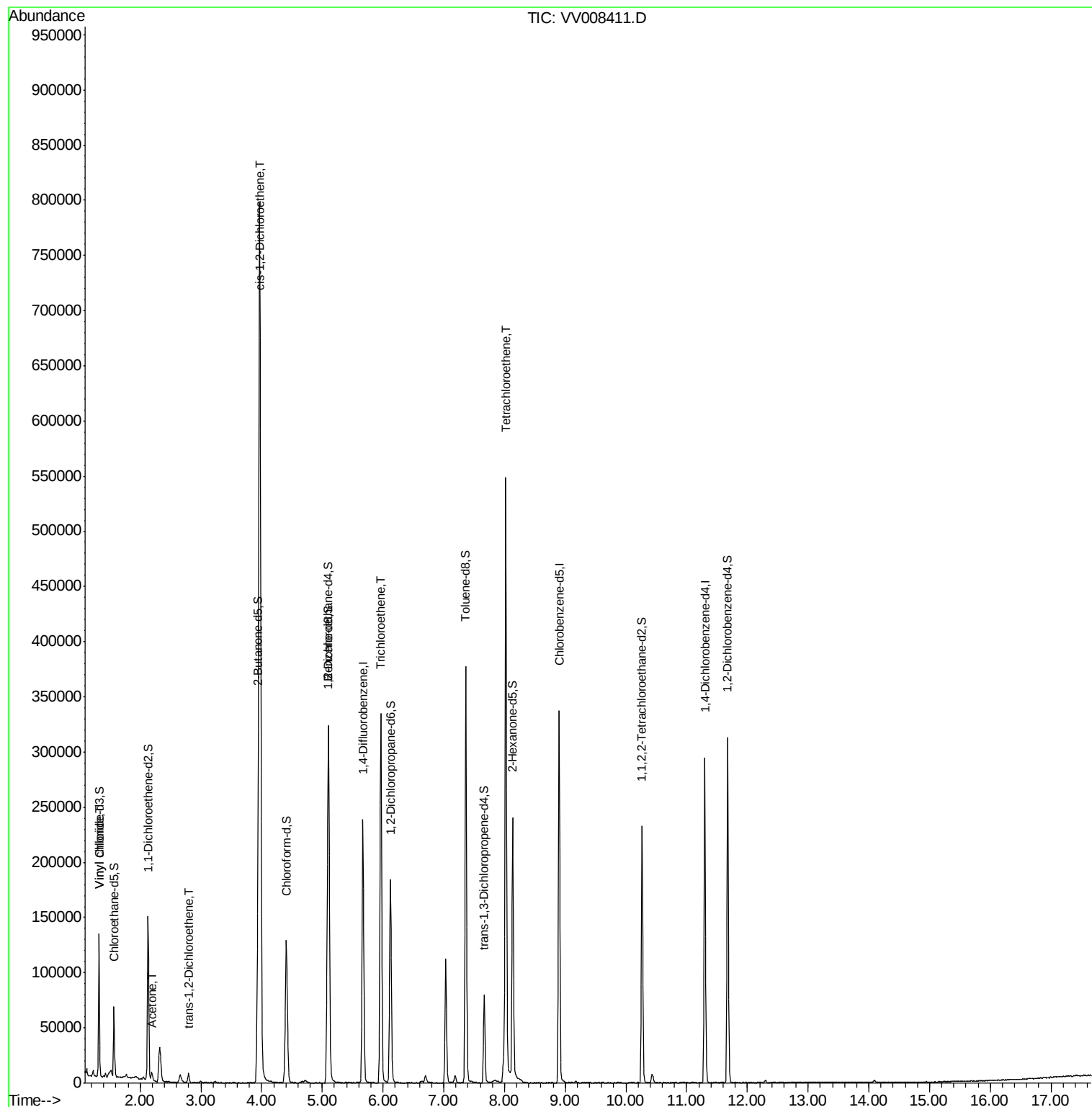
					Ovalue
5) Vinyl chloride	1.33	62	21692	15.675	ug/L 99
13) Acetone	2.19	43	5505	6.037	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	2959	2.216	ug/L 98
20) cis-1,2-Dichloroethene	3.97	96	430845	283.198	ug/L 94
34) Trichloroethene	5.96	95	120997	81.524	ug/L 98
46) Tetrachloroethene	8.02	164	110923	114.641	ug/L 99

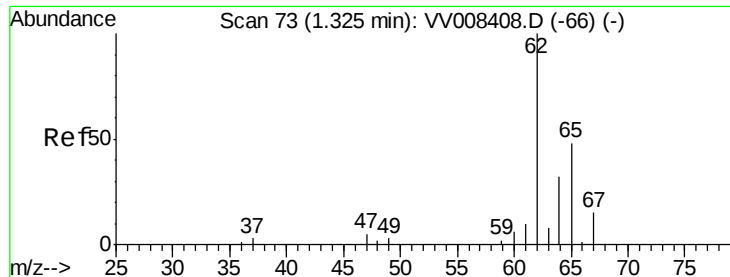
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.675 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampleId :

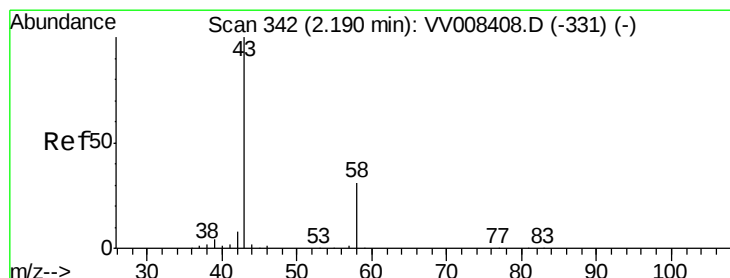
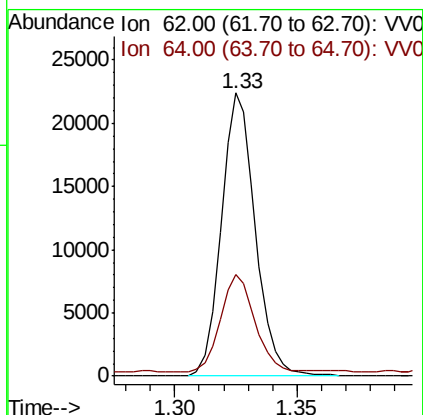
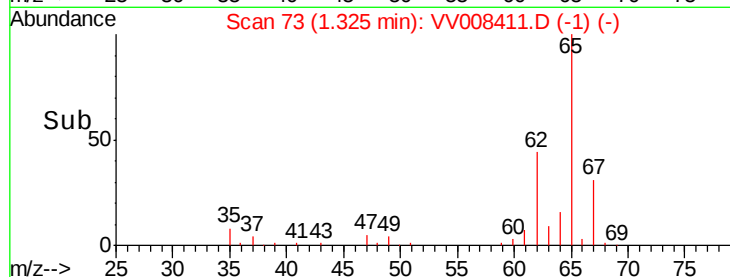
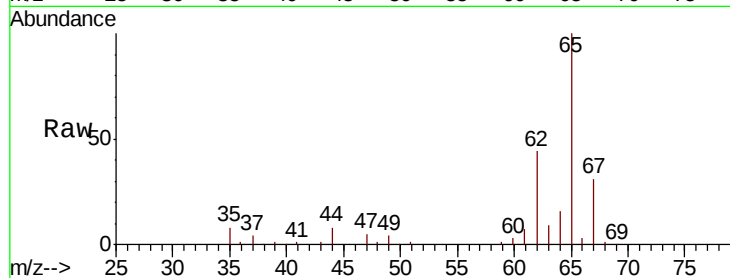
ETBP2

Tot Ion: 62 Resp: 21692

Ion Ratio Lower Upper

62 100

64 35.7 24.4 45.4



#13

Acetone

Concen: 6.037 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008411.D

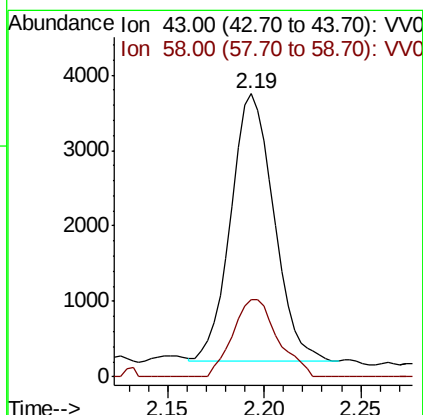
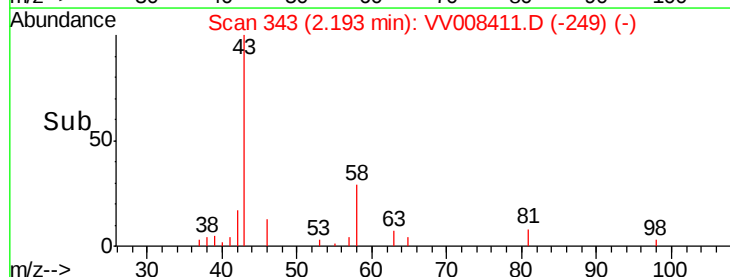
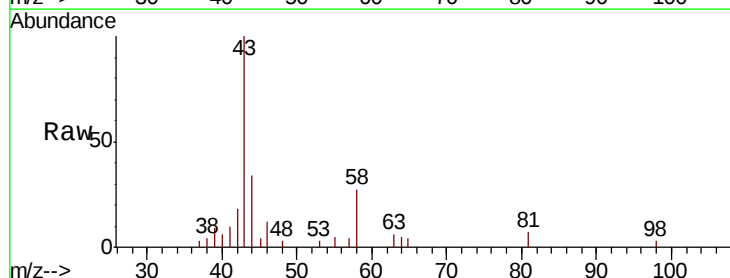
Acq: 25 Oct 2018 16:21

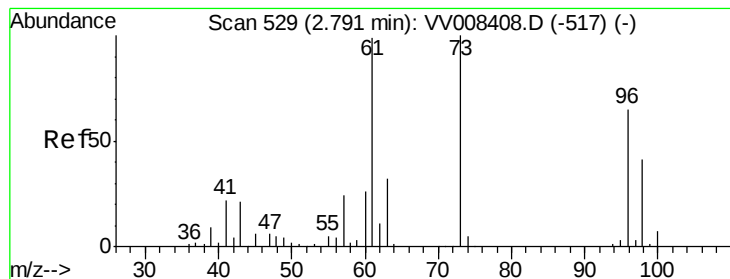
Tgt Ion: 43 Resp: 5505

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 2.216 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampled :

ETBP2

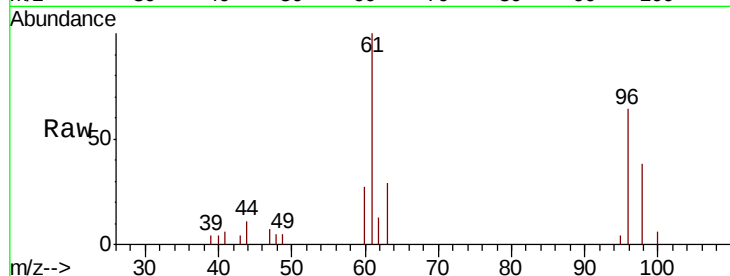
Tot Ion: 96 Resp: 2959

Ion Ratio Lower Upper

96 100

61 156.4 108.6 201.6

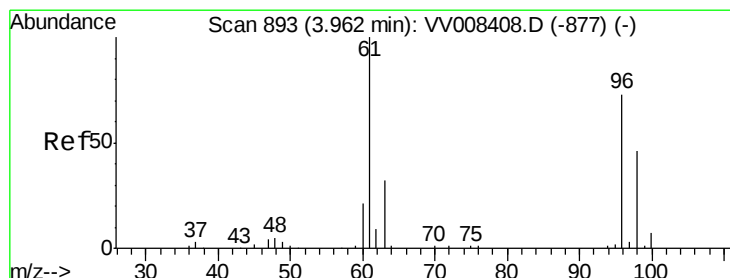
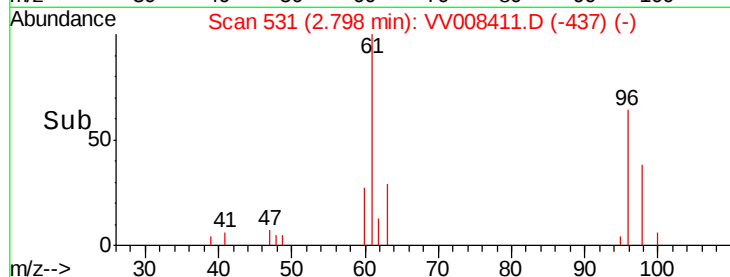
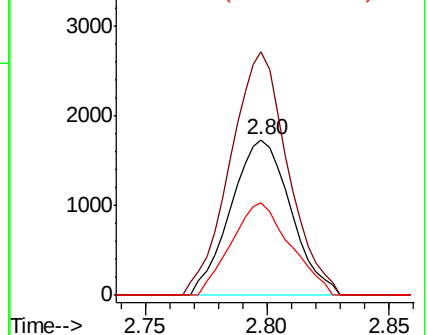
98 59.7 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008408.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008408.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008408.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 283.198 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

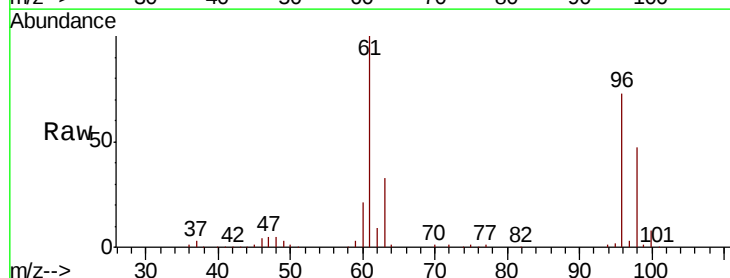
Tgt Ion: 96 Resp: 430845

Ion Ratio Lower Upper

96 100

61 137.1 100.9 187.5

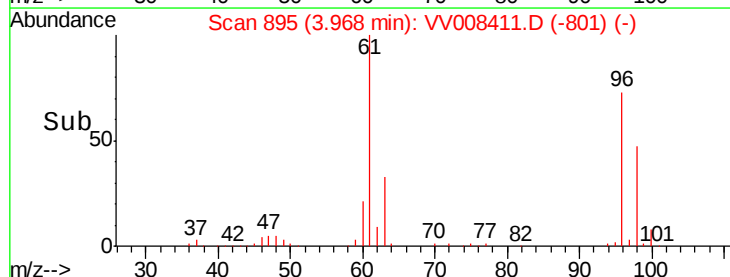
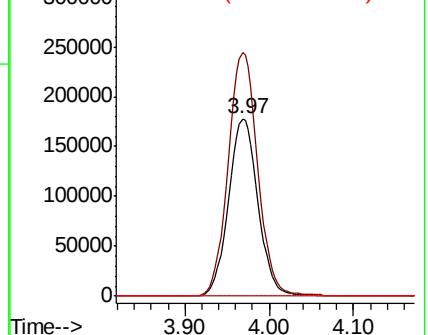
68 0.0 0.0 0.0

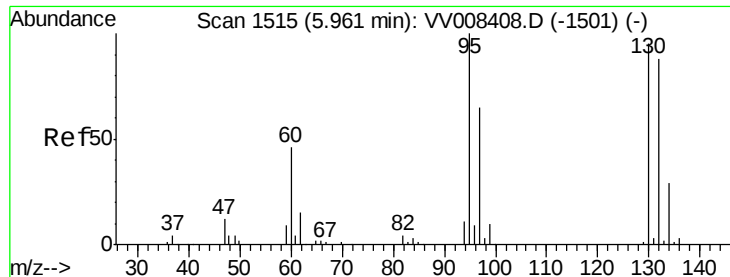


Abundance Ion 96.00 (95.70 to 96.70): VV008408.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008408.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008408.D (-877) (-)





#34

Trichloroethene

Concen: 81.524 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Instrument :

MSVOA_V

ClientSampleID :

ETBP2

Tot Ion: 95 Resp: 120997

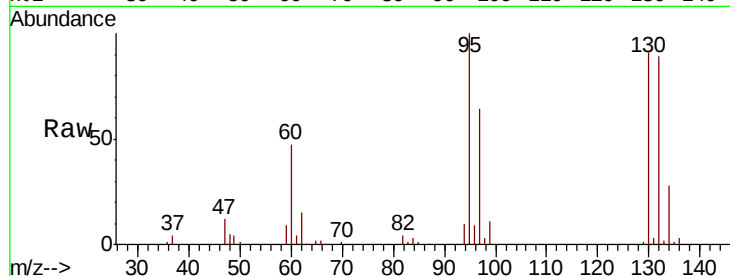
Ion Ratio Lower Upper

95 100

97 64.3 45.2 84.0

132 88.5 63.8 118.6

130 91.4 64.7 120.1



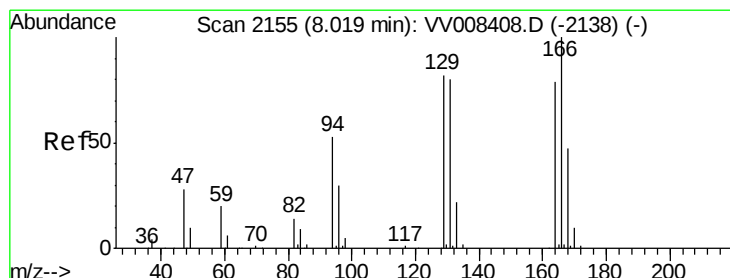
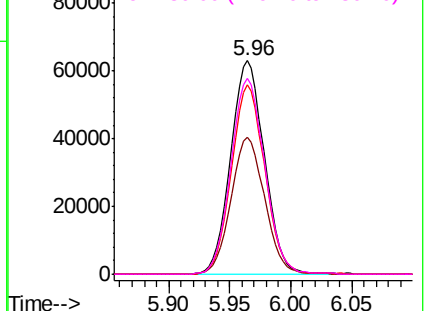
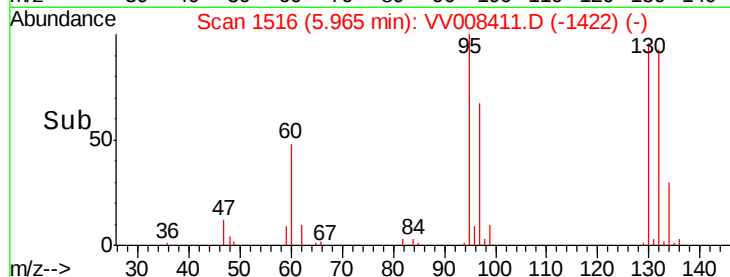
Abundance

Ion 95.00 (94.70 to 95.70): VV008411.D (-2062) (-)

Ion 97.00 (96.70 to 97.70): VV008411.D (-2062) (-)

Ion 132.00 (131.70 to 132.70): VV008411.D (-2062) (-)

Ion 130.00 (129.70 to 130.70): VV008411.D (-2062) (-)



#46

Tetrachloroethene

Concen: 114.641 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008411.D

Acq: 25 Oct 2018 16:21

Tgt Ion:164 Resp: 110923

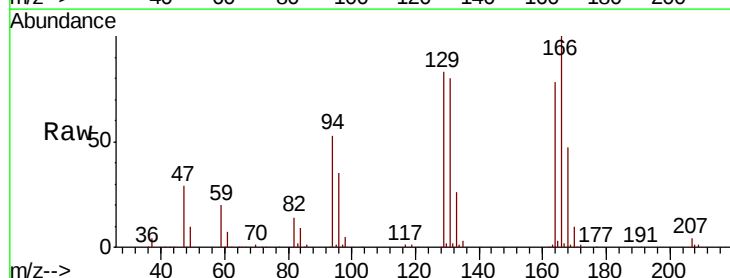
Ion Ratio Lower Upper

164 100

129 106.1 75.0 139.2

131 102.5 71.3 132.3

166 127.9 89.2 165.6



Abundance

Ion 164.00 (163.70 to 164.70): VV008411.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV008411.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV008411.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV008411.D (-2062) (-)

