

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102518\
 Data File : VV008414.D
 Acq On : 25 Oct 2018 17:31
 Operator : SY/MD
 Sample : J5670-04
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP5

Quant Time: Oct 26 00:06:01 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	204087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56594	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.16%
7) Chloroethane-d5	1.57	69	42193	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.42%
11) 1,1-Dichloroethene-d2	2.13	63	75702	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.18%
21) 2-Butanone-d5	3.94	46	109246	88.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.41	84	127105	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.09	65	87428	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.10	84	260009	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.12	67	87876	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.36	98	236090	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%
43) trans-1,3-Dichloropropene-	7.67	79	42256	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.88%
47) 2-Hexanone-d5	8.13	63	84200	88.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.87%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111103	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	75905	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

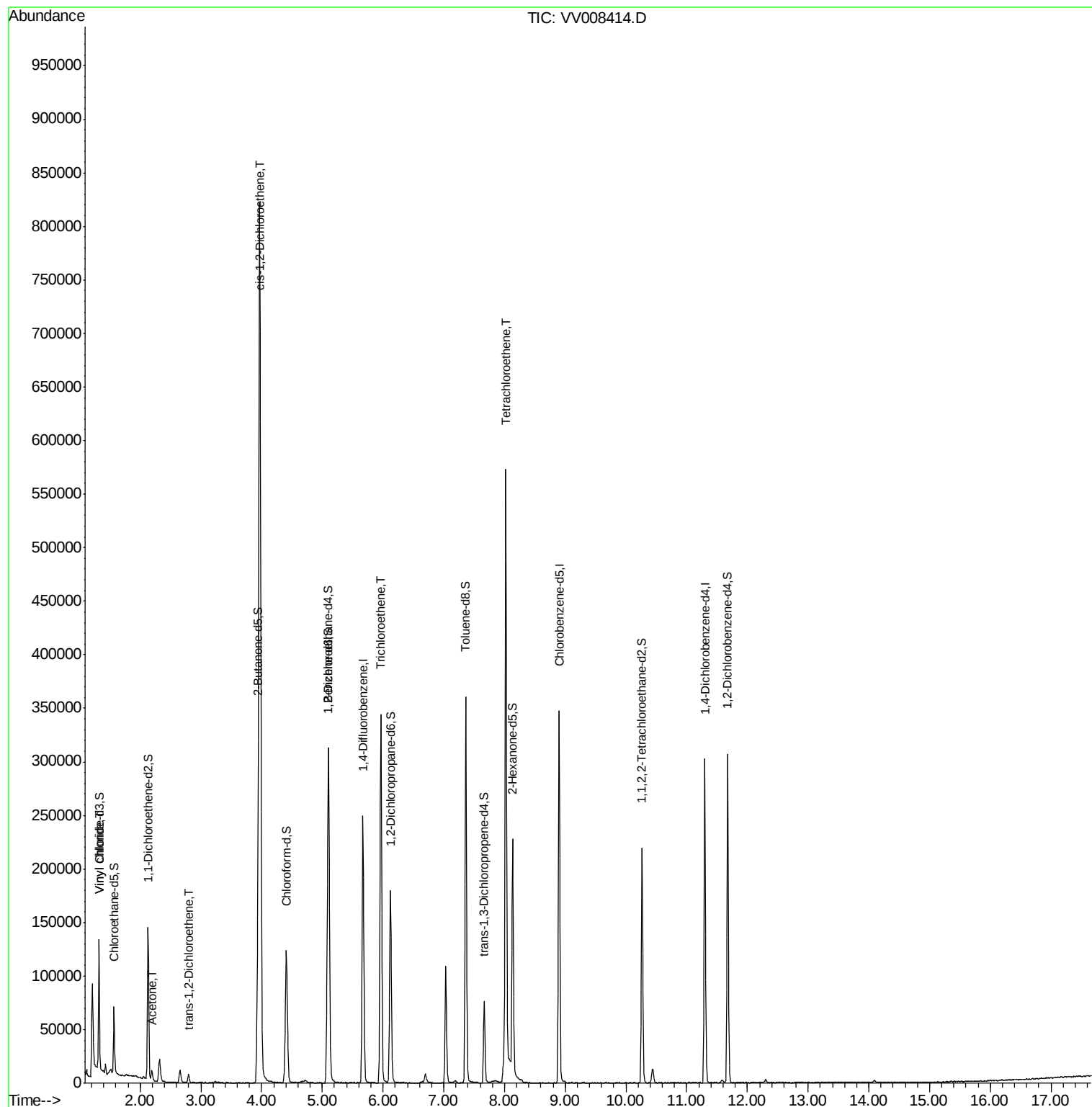
					Ovalue
5) Vinyl chloride	1.32	62	22678	15.678	ug/L # 69
13) Acetone	2.19	43	7344	7.705	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	2911	2.085	ug/L 94
20) cis-1,2-Dichloroethene	3.97	96	442711	278.393	ug/L 96
34) Trichloroethene	5.96	95	124517	81.113	ug/L 98
46) Tetrachloroethene	8.02	164	116857	116.769	ug/L 98

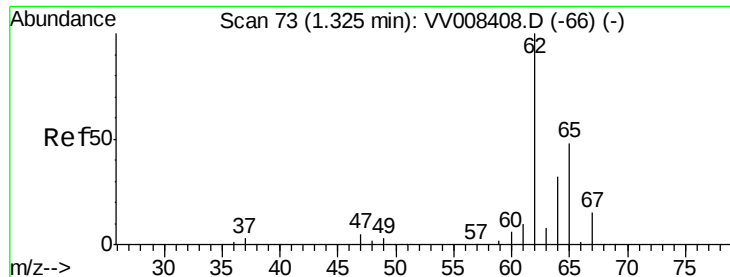
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.678 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008414.D

Acq: 25 Oct 2018 17:31

Instrument :

MSVOA_V

ClientSampleId :

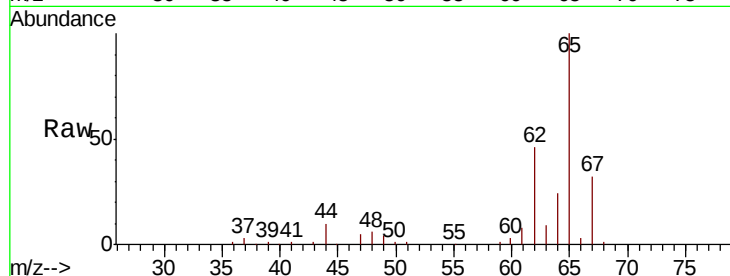
ETBP5

Tot Ion: 62 Resp: 22678

Ion Ratio Lower Upper

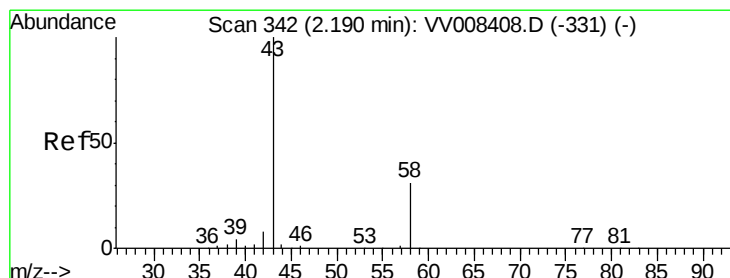
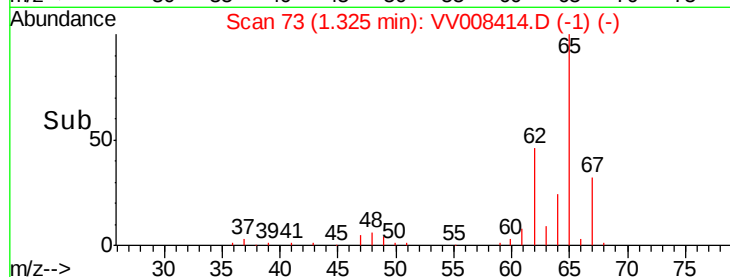
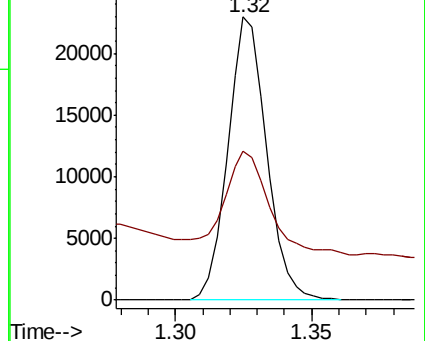
62 100

64 52.8 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 7.705 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008414.D

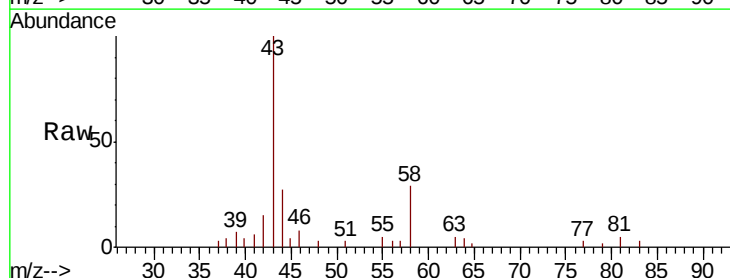
Acq: 25 Oct 2018 17:31

Tgt Ion: 43 Resp: 7344

Ion Ratio Lower Upper

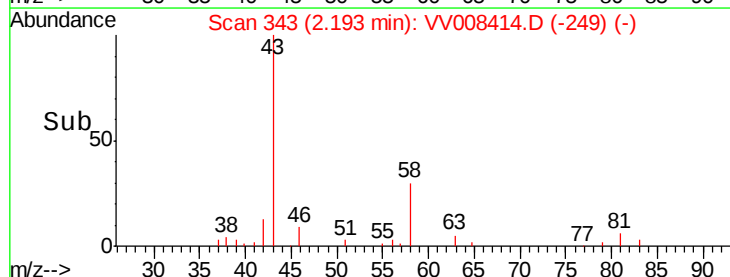
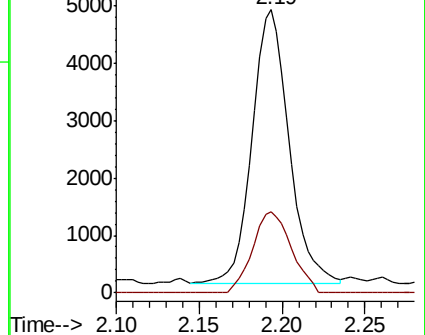
43 100

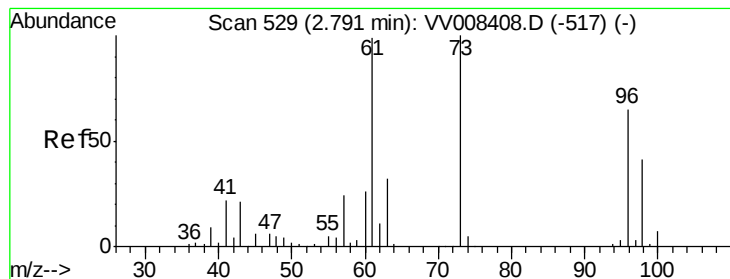
58 31.3 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 2.085 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008414.D

Acq: 25 Oct 2018 17:31

Instrument :

MSVOA_V

ClientSampleId :

ETBP5

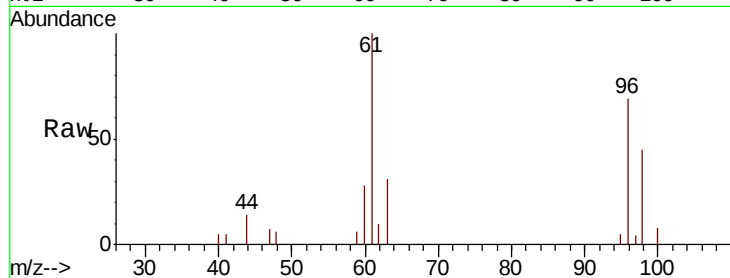
Tot Ion: 96 Resp: 2911

Ion Ratio Lower Upper

96 100

61 146.0 108.6 201.6

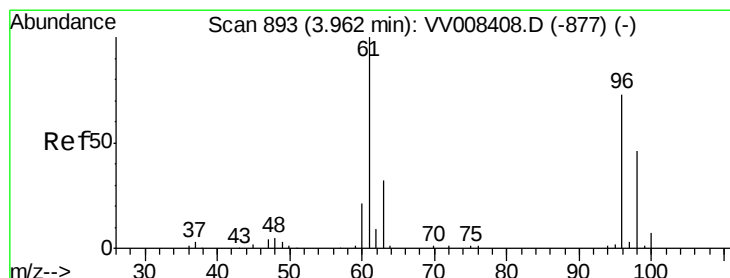
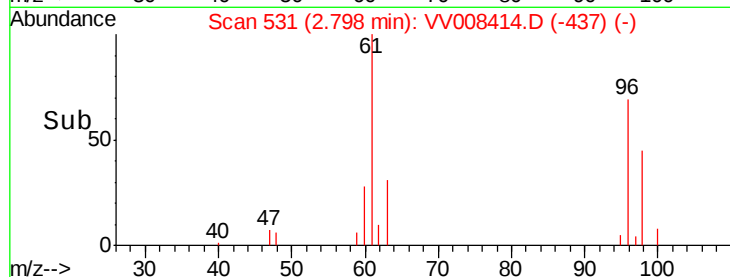
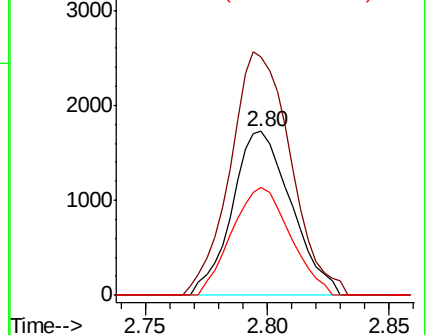
98 65.8 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008414.D (-531) (-)

Ion 61.00 (60.70 to 61.70): VV008414.D (-531) (-)

Ion 98.00 (97.70 to 98.70): VV008414.D (-531) (-)



#20

cis-1,2-Dichloroethene

Concen: 278.393 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008414.D

Acq: 25 Oct 2018 17:31

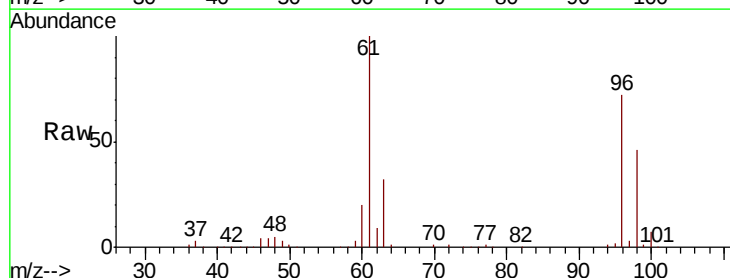
Tgt Ion: 96 Resp: 442711

Ion Ratio Lower Upper

96 100

61 139.7 100.9 187.5

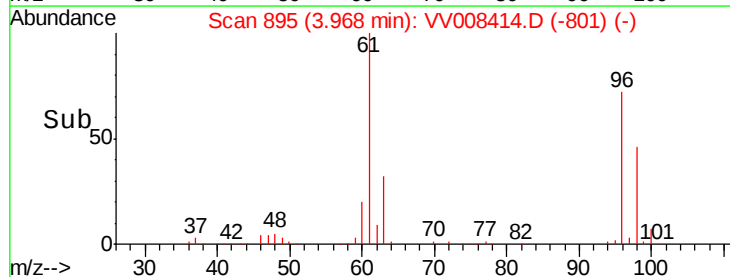
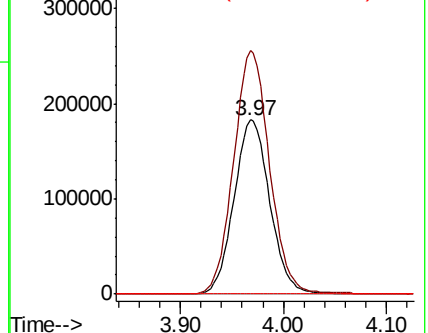
68 0.0 0.0 0.0

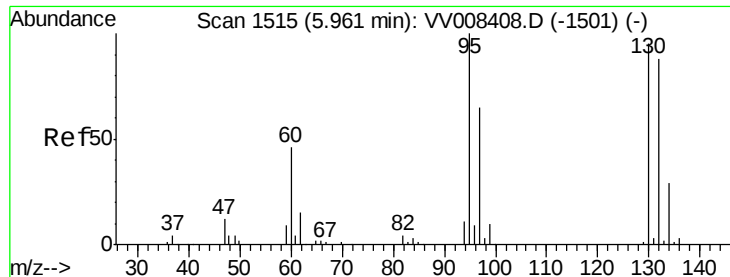


Abundance Ion 96.00 (95.70 to 96.70): VV008414.D (-895) (-)

Ion 61.00 (60.70 to 61.70): VV008414.D (-895) (-)

Ion 68.00 (67.70 to 68.70): VV008414.D (-895) (-)





#34

Trichloroethene

Concen: 81.113 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008414.D

Acq: 25 Oct 2018 17:31

Instrument :

MSVOA_V

ClientSampleId :

ETBP5

Tot Ion: 95 Resp: 124517

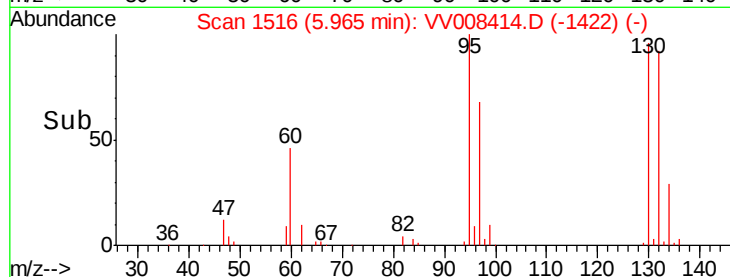
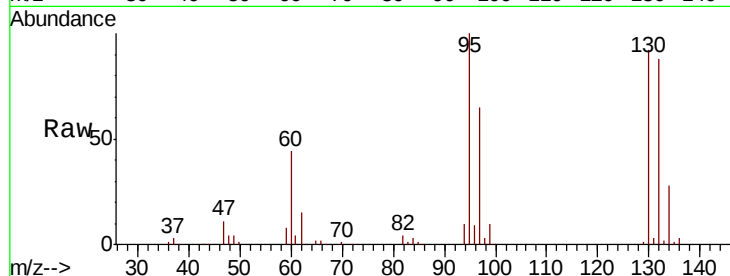
Ion Ratio Lower Upper

95 100

97 65.2 45.2 84.0

132 87.9 63.8 118.6

130 92.2 64.7 120.1



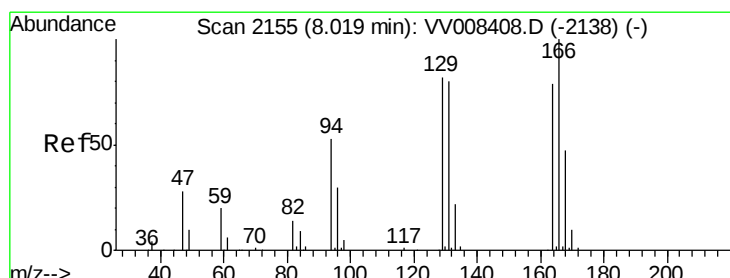
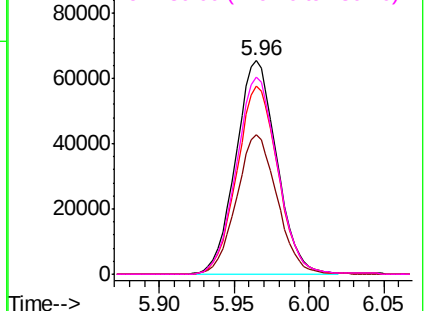
Abundance

Ion 95.00 (94.70 to 95.70): VV008414.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008414.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008414.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008414.D (-1422) (-)



#46

Tetrachloroethene

Concen: 116.769 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008414.D

Acq: 25 Oct 2018 17:31

Tgt Ion: 164 Resp: 116857

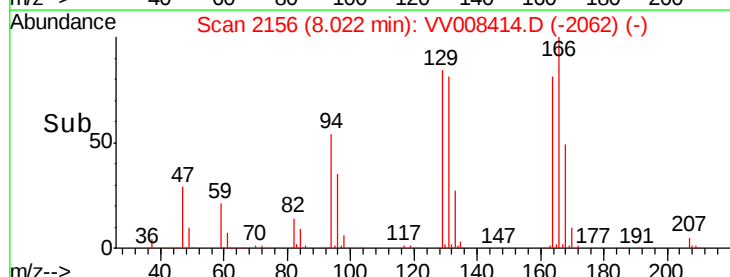
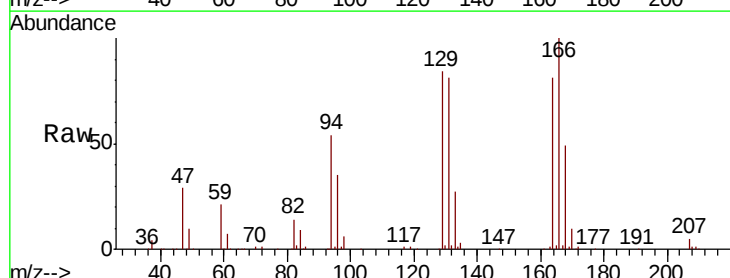
Ion Ratio Lower Upper

164 100

129 104.7 75.0 139.2

131 100.1 71.3 132.3

166 124.0 89.2 165.6



Abundance

Ion 164.00 (163.70 to 164.70): VV008414.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV008414.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV008414.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV008414.D (-2062) (-)

