

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008105.D
 Acq On : 05 Oct 2018 18:36
 Operator : SY/MD
 Sample : J5246-18DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J86DL

Quant Time: Oct 06 07:28:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 01:03:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96718	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27898	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.59	69	24020	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.14	63	50726	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.96	46	72573	50.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.41	84	59695	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	30242	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	112033	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	35891	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	103527	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	12429	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	50114	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25566	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41429	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

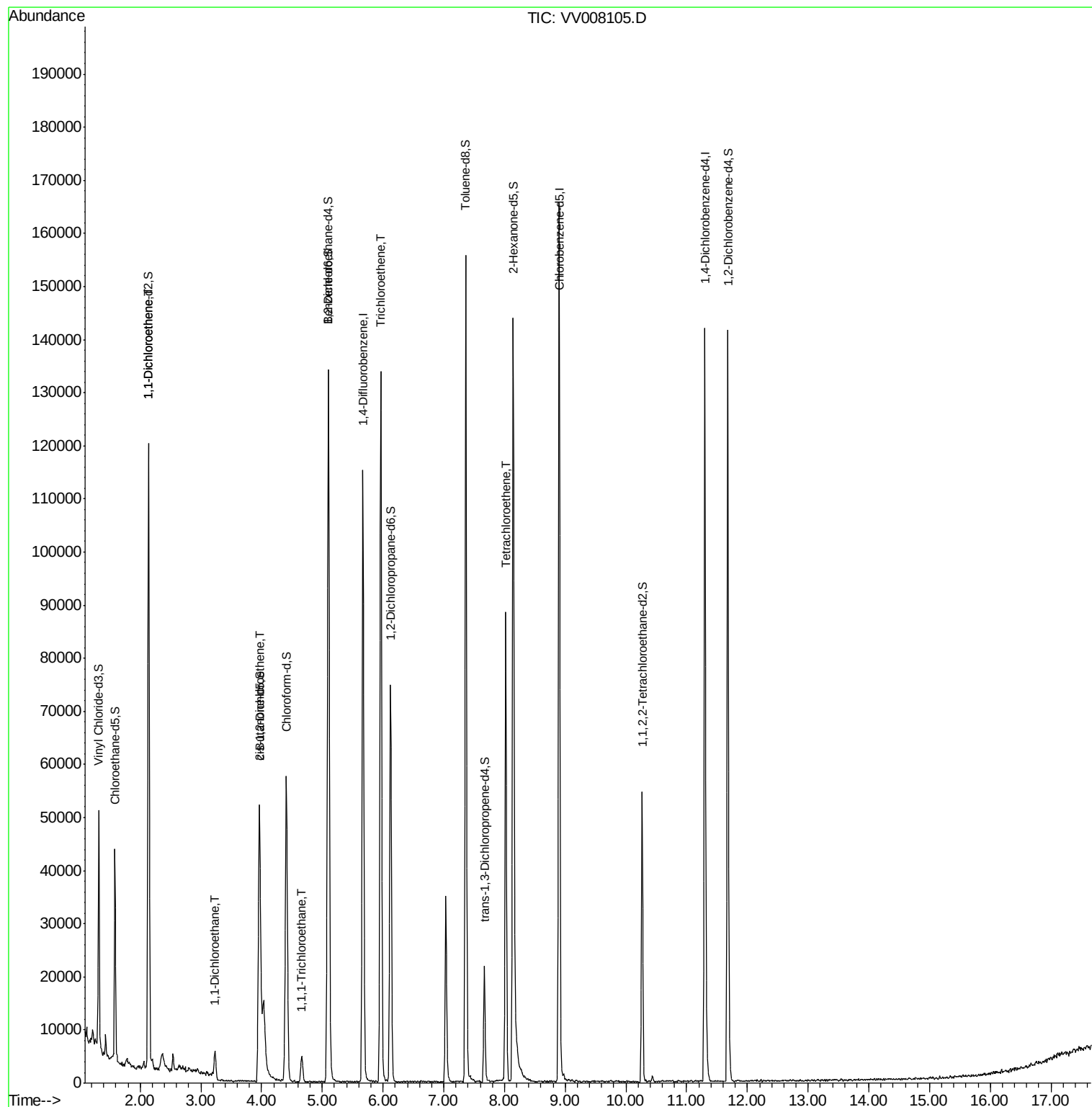
					Ovalue
12) 1,1-Dichloroethene	2.14	96	16871	3.220 ug/L	# 76
19) 1,1-Dichloroethane	3.23	63	5753	0.528 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	6151	0.954 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	4343	0.426 ug/L	96
34) Trichloroethene	5.96	95	44047	6.518 ug/L	99
47) Tetrachloroethene	8.02	164	20466	3.391 ug/L	98

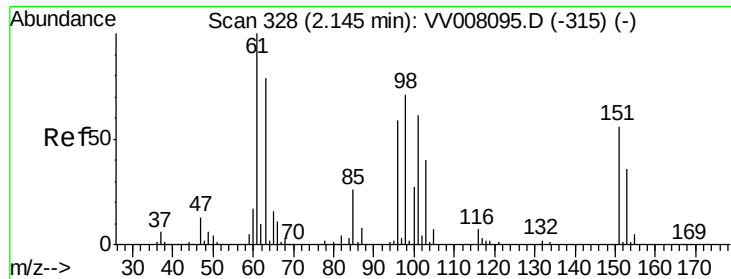
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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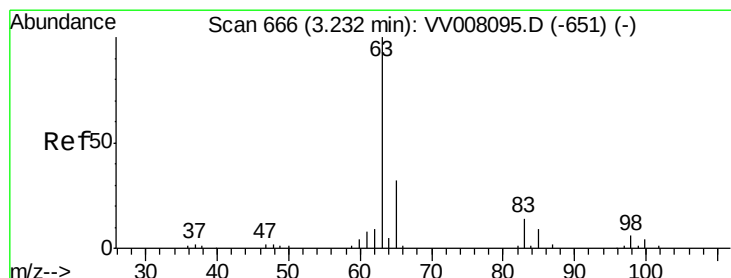
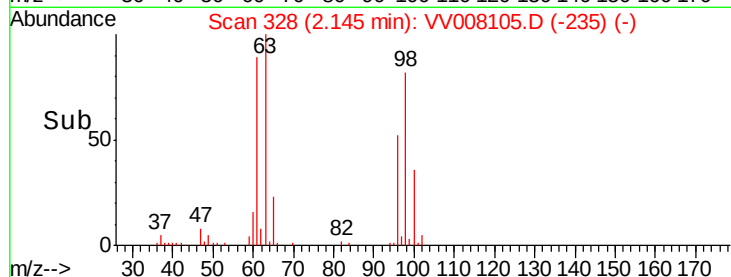
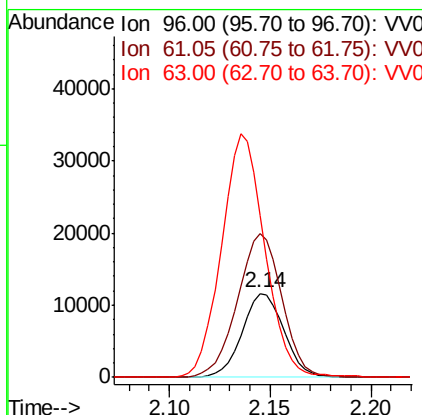
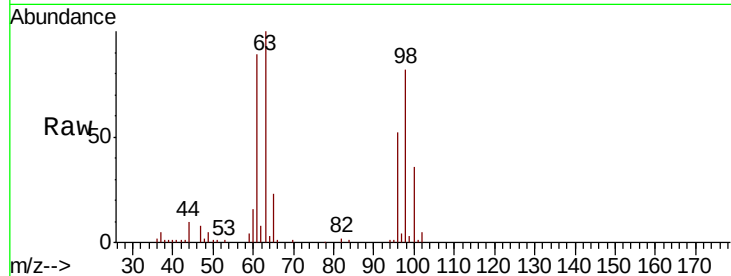




#12
 1,1-Dichloroethene
 Concen: 3.220 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008105.D
 Acq: 05 Oct 2018 18:36

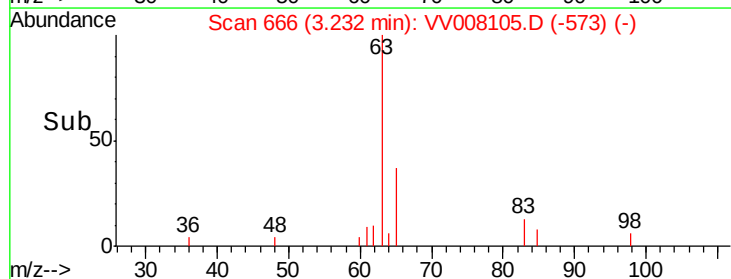
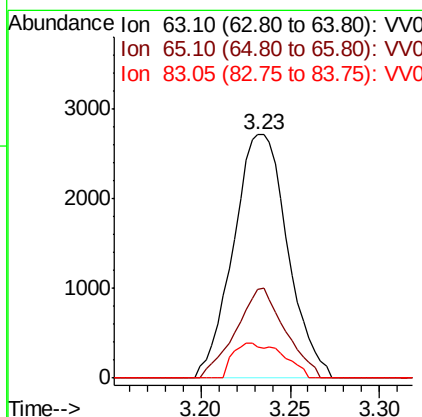
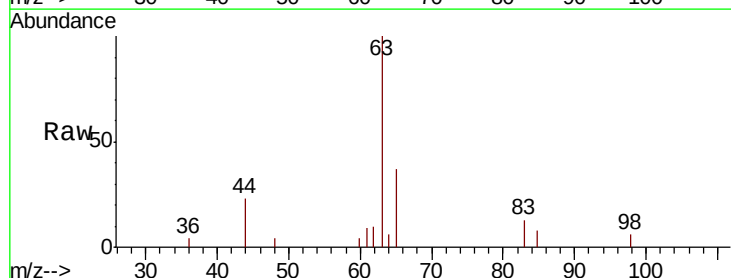
Instrument :
 MSVOA_V
 ClientSampleID :
 C0J86DL

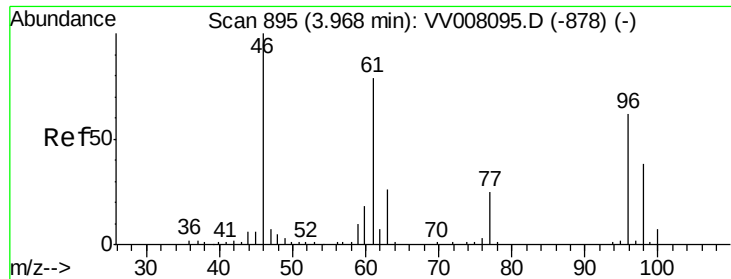
Tot Ion: 96 Resp: 16871
 Ion Ratio Lower Upper
 96 100
 61 171.8 114.7 213.1
 63 193.1 96.9 179.9#



#19
 1,1-Dichloroethane
 Concen: 0.528 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008105.D
 Acq: 05 Oct 2018 18:36

Tgt Ion: 63 Resp: 5753
 Ion Ratio Lower Upper
 63 100
 65 36.7 22.4 41.6
 83 12.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.954 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008105.D

Acq: 05 Oct 2018 18:36

Instrument :

MSVOA_V

ClientSampleId :

C0J86DL

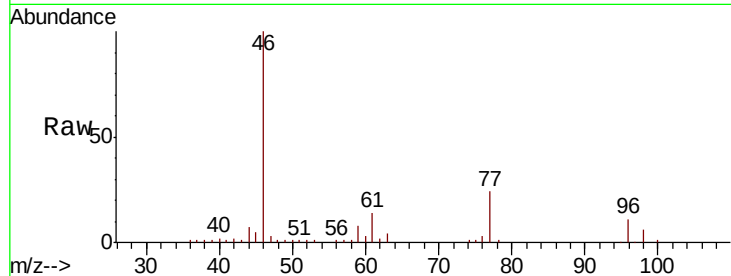
Tot Ion: 96 Resp: 6151

Ion Ratio Lower Upper

96 100

61 122.4 85.1 158.1

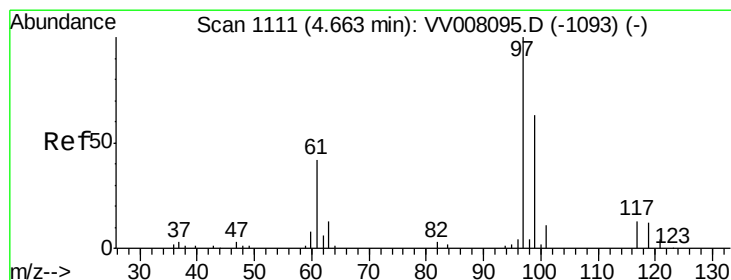
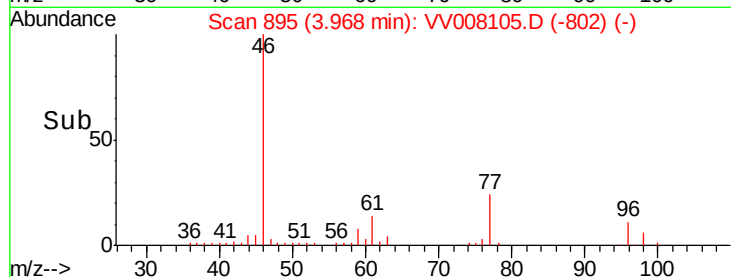
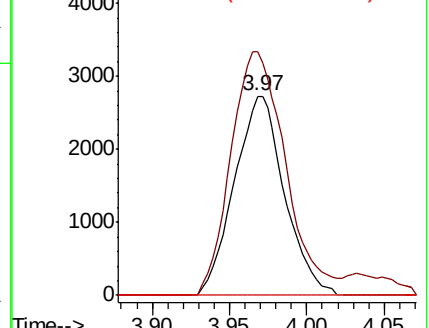
68 0.0 0.0 0.0



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: 0.426 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008105.D

Acq: 05 Oct 2018 18:36

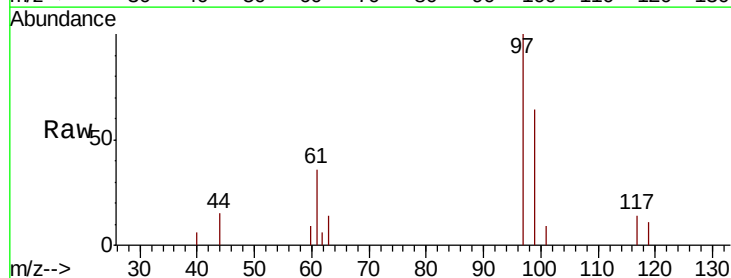
Tgt Ion: 97 Resp: 4343

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

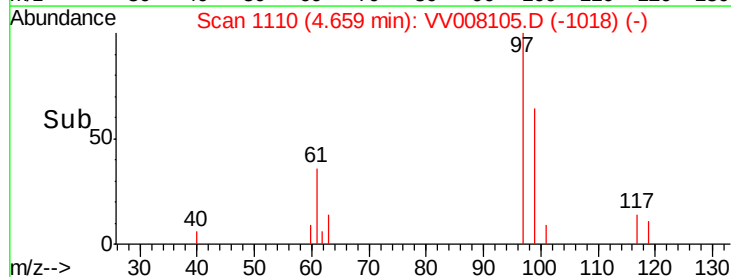
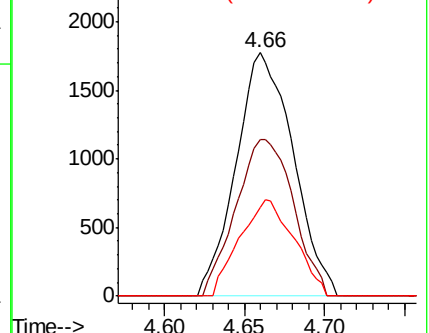
61 37.7 34.0 51.0

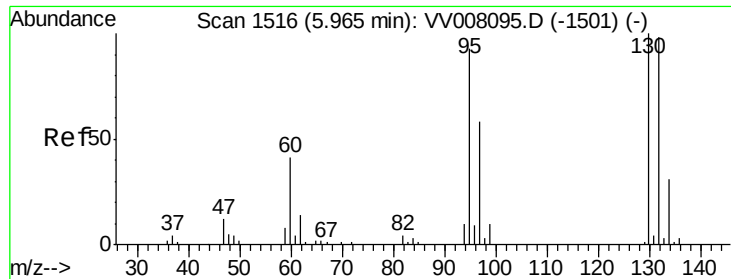


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

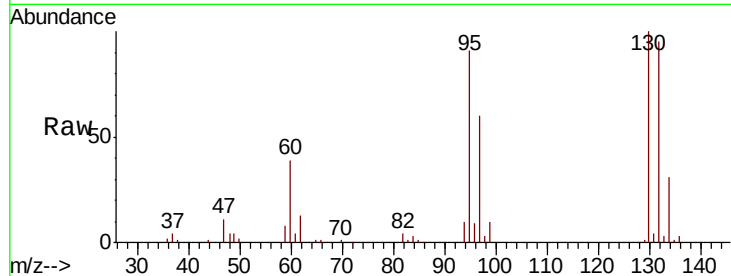




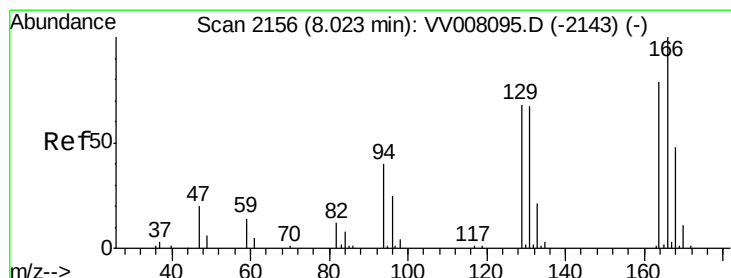
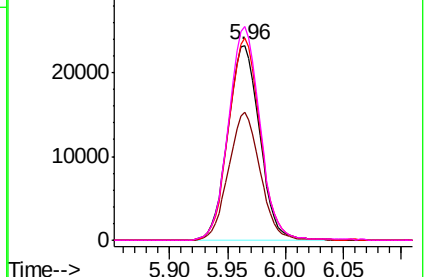
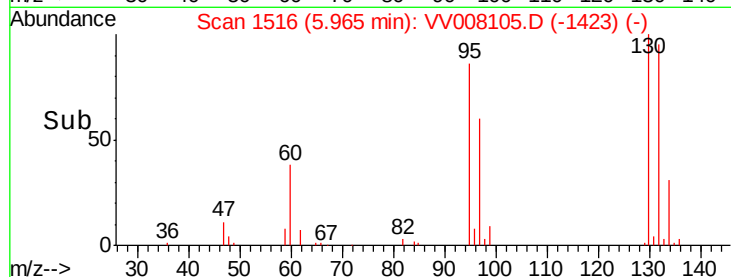
#34
 Trichloroethene
 Concen: 6.518 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: VV008105.D
 Acq: 05 Oct 2018 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J86DL

Tot Ion: 95 Resp: 44047
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.9 83.5
 132 104.0 73.6 136.6
 130 109.6 76.2 141.6

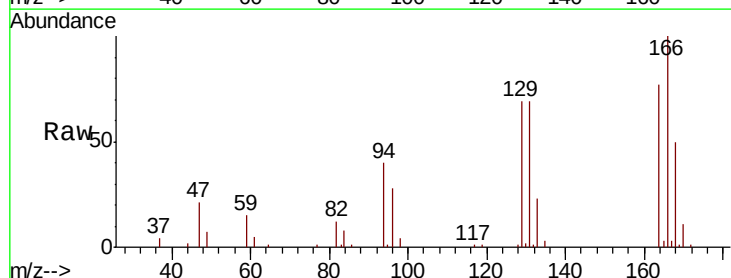


Abundance Ion 95.00 (94.70 to 95.70): VV008105.D (-1423) (-)
 Ion 96.95 (96.65 to 97.65): VV008105.D (-1423) (-)
 Ion 131.95 (131.65 to 132.65): VV008105.D (-1423) (-)
 Ion 129.95 (129.65 to 130.65): VV008105.D (-1423) (-)



#47
 Tetrachloroethene
 Concen: 3.391 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008105.D
 Acq: 05 Oct 2018 18:36

Tgt Ion: 164 Resp: 20466
 Ion Ratio Lower Upper
 164 100
 129 88.8 62.2 115.4
 131 88.8 60.5 112.5
 166 129.5 92.1 171.1



Abundance Ion 163.90 (163.60 to 164.60): VV008105.D (-2063) (-)
 Ion 128.95 (128.65 to 129.65): VV008105.D (-2063) (-)
 Ion 130.95 (130.65 to 131.65): VV008105.D (-2063) (-)
 Ion 165.90 (165.60 to 166.60): VV008105.D (-2063) (-)

