

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092018\
 Data File : VV007681.D
 Acq On : 21 Sep 2018 03:23
 Operator : SY/MD
 Sample : J4990-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T11

Quant Time: Oct 03 05:07:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 03:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18414	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	20351	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	35423	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	52892	48.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	4.41	84	46157	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	24149	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	89359	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	26879	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	89874	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	9027	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	37995	42.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21502	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39734	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

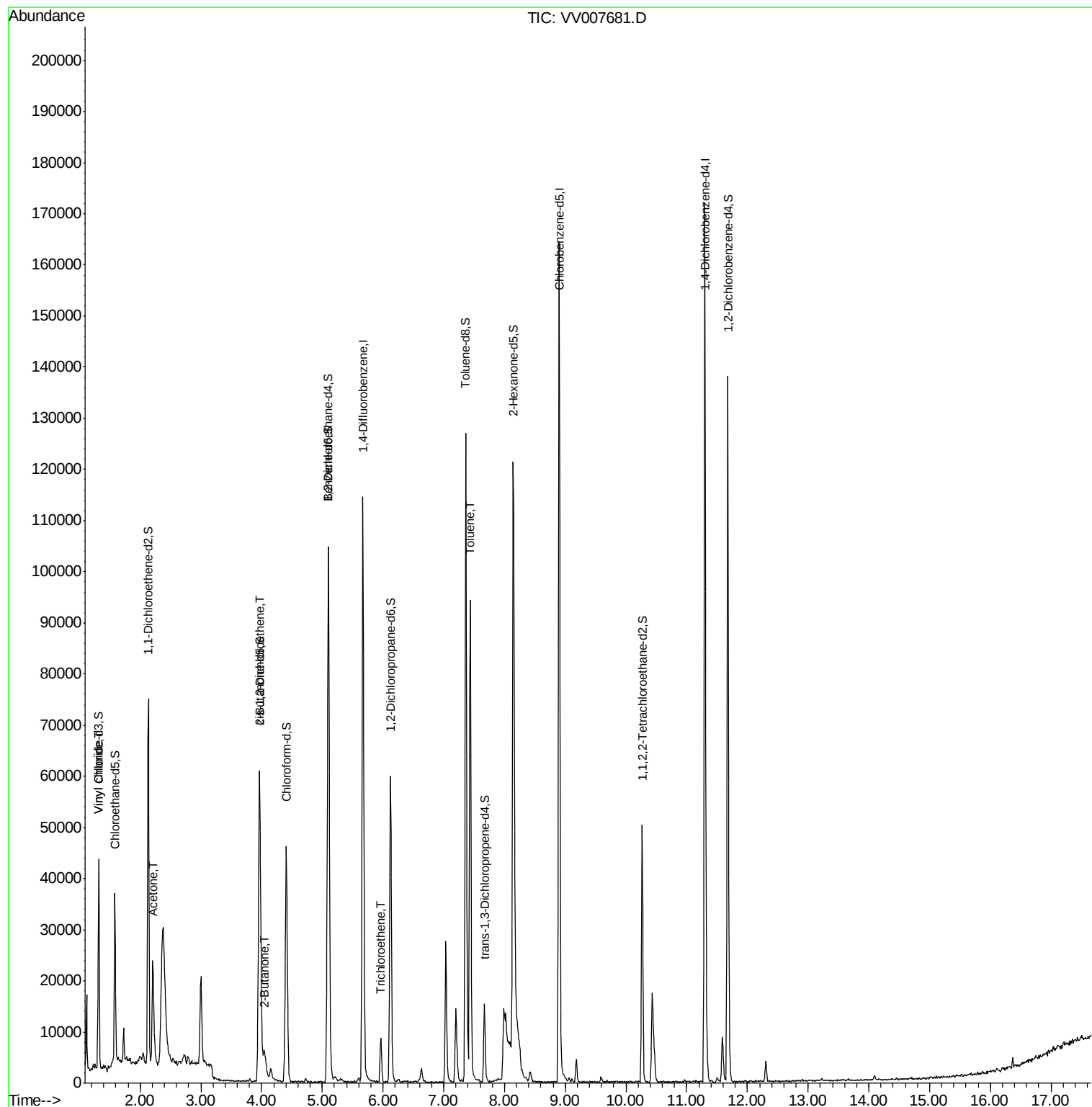
					Qvalue
5) Vinyl chloride	1.32	62	6146	0.806	ug/L 92
13) Acetone	2.21	43	25697	24.261	ug/L 100
21) 2-Butanone	4.06	43	3995	2.990	ug/L 95
22) cis-1,2-Dichloroethene	3.97	96	18973	2.559	ug/L 100
34) Trichloroethene	5.96	95	2968	0.391	ug/L 95
42) Toluene	7.44	91	70818	2.413	ug/L 99

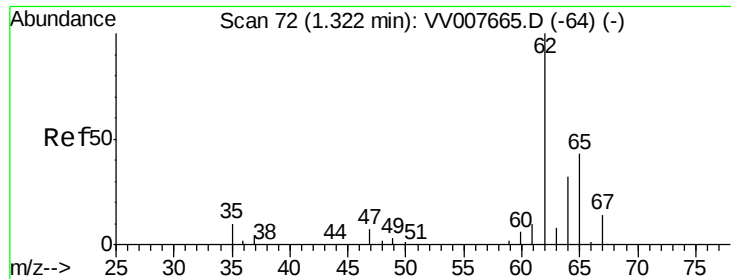
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.806 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

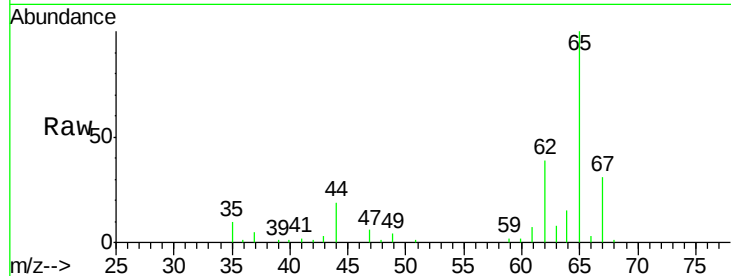
C0T11

Tgt Ion: 62 Resp: 6146

Ion Ratio Lower Upper

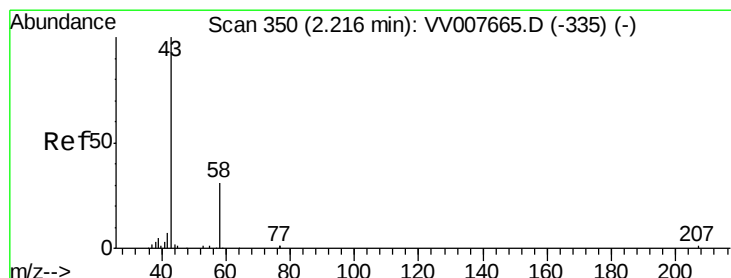
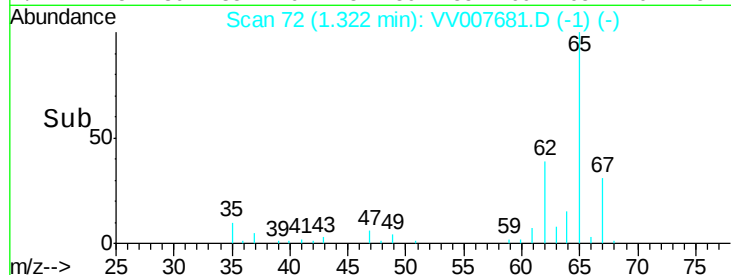
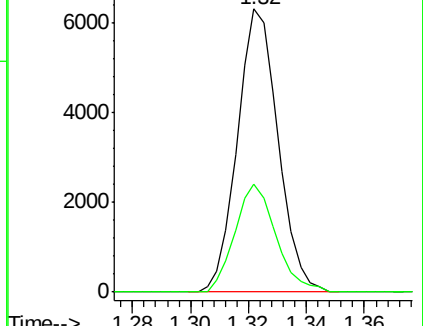
62 100

64 38.0 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VV007665.D (-64) (-)

Ion 64.10 (63.80 to 64.80): VV007665.D (-64) (-)



#13

Acetone

Concen: 24.261 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007681.D

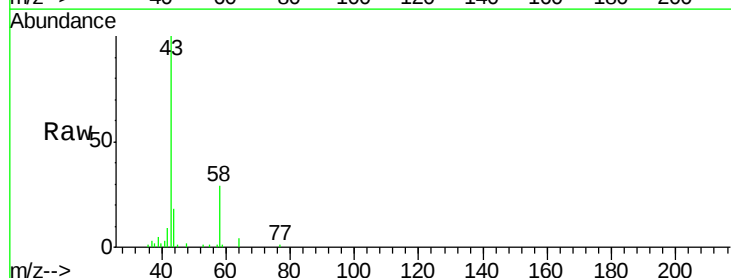
Acq: 21 Sep 2018 03:23

Tgt Ion: 43 Resp: 25697

Ion Ratio Lower Upper

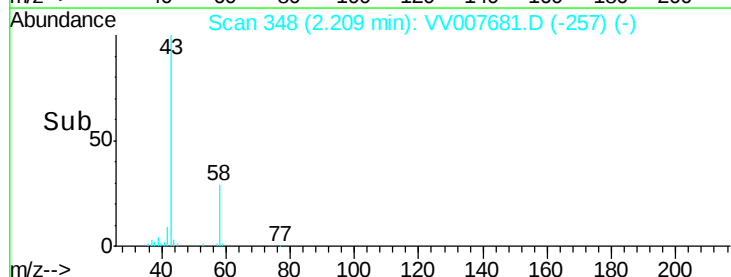
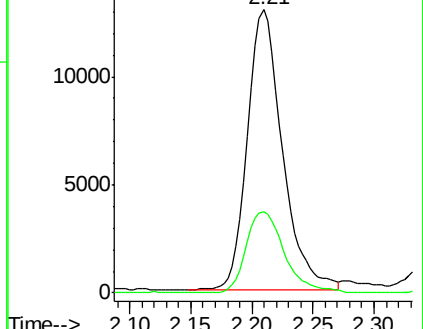
43 100

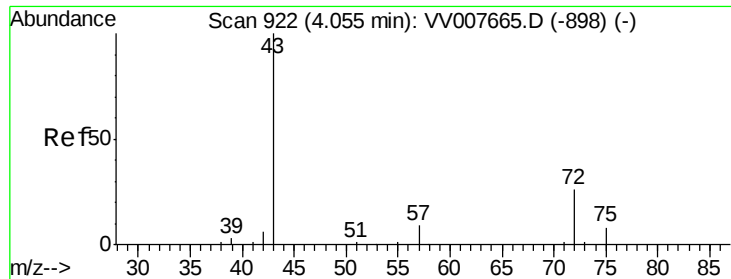
58 31.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV007665.D (-335) (-)





#21

2-Butanone

Concen: 2.990 ug/L

RT: 4.06 min Scan# 923

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

Instrument :

MSVOA_V

ClientSampleId :

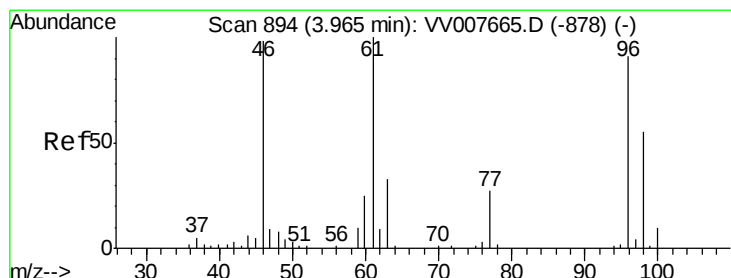
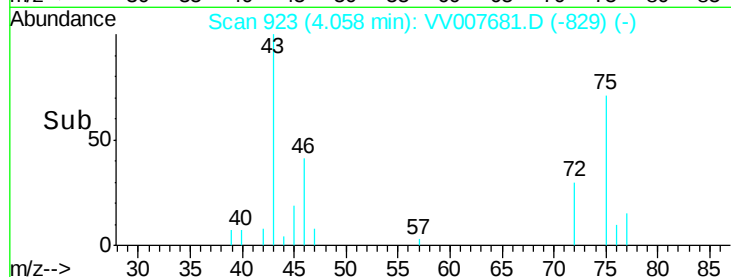
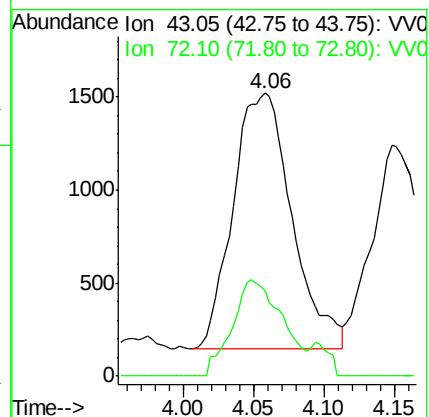
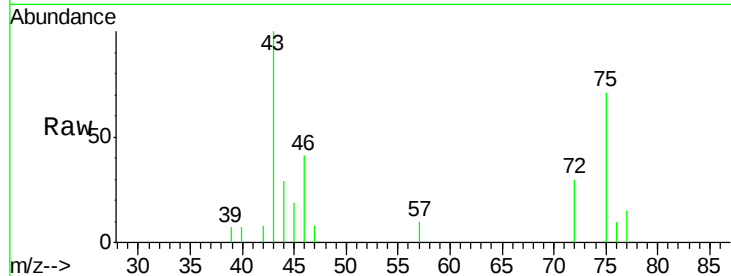
C0T11

Tgt Ion: 43 Resp: 3995

Ion Ratio Lower Upper

43 100

72 32.2 14.8 44.4



#22

cis-1,2-Dichloroethene

Concen: 2.559 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV007681.D

Acq: 21 Sep 2018 03:23

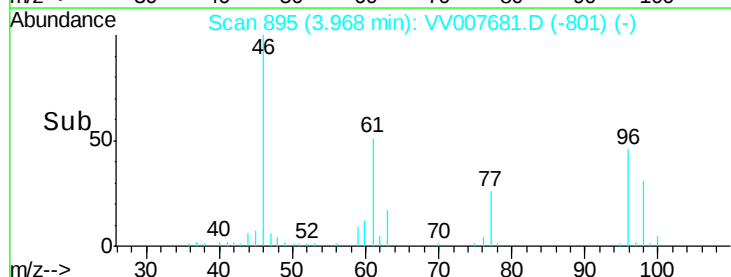
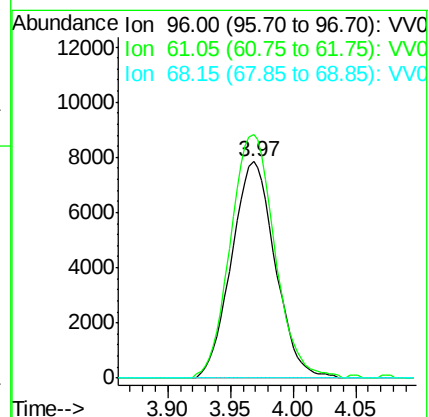
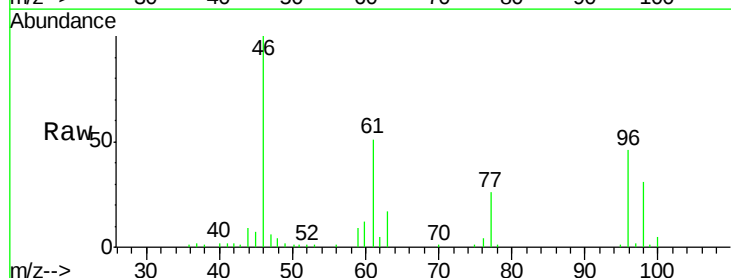
Tgt Ion: 96 Resp: 18973

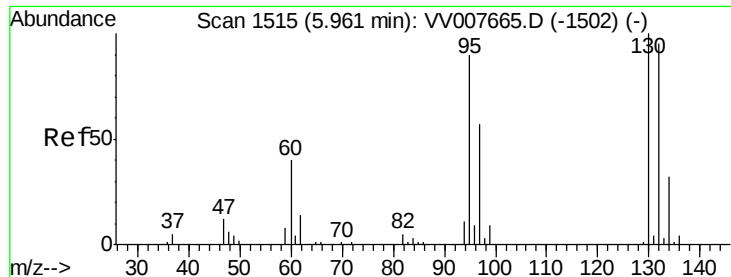
Ion Ratio Lower Upper

96 100

61 112.6 79.0 146.8

68 0.0 0.0 0.0

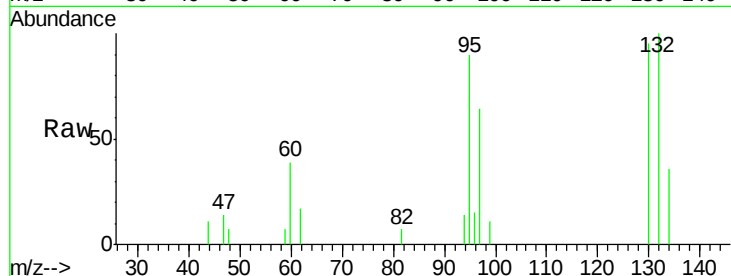




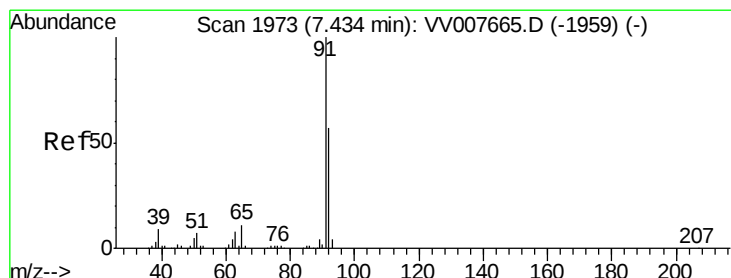
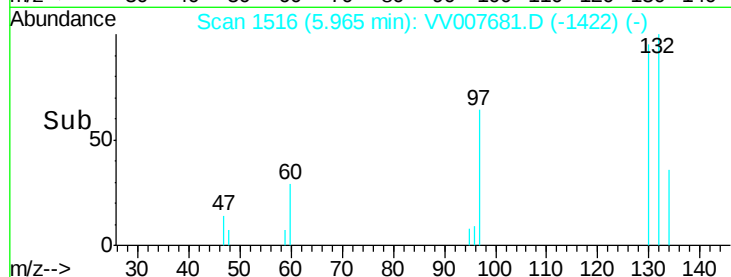
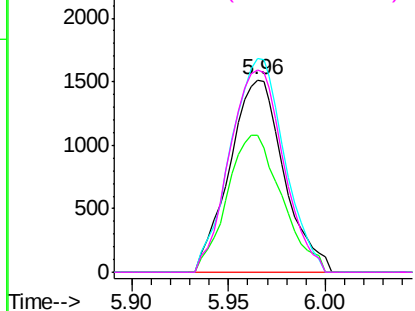
#34
 Trichloroethene
 Concen: 0.391 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

Instrument :
 MSVOA_V
 ClientSampled :
 C0T11

Tgt Ion: 95 Resp: 2968
 Ion Ratio Lower Upper
 95 100
 97 71.3 45.1 83.9
 132 110.9 78.2 145.2
 130 104.8 78.8 146.3

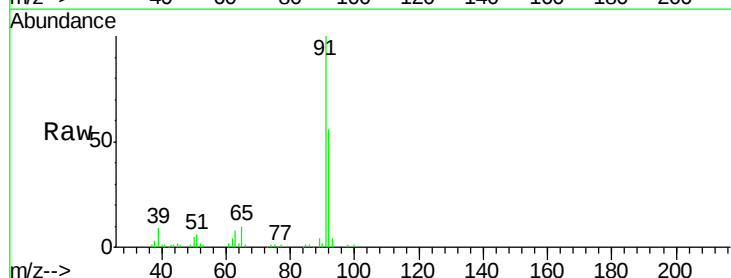


Abundance Ion 95.00 (94.70 to 95.70): VV007681.D (-1422) (-)
 Ion 96.95 (96.65 to 97.65): VV007681.D (-1422) (-)
 Ion 131.95 (131.65 to 132.65): VV007681.D (-1422) (-)
 Ion 129.95 (129.65 to 130.65): VV007681.D (-1422) (-)



#42
 Toluene
 Concen: 2.413 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007681.D
 Acq: 21 Sep 2018 03:23

Tgt Ion: 91 Resp: 70818
 Ion Ratio Lower Upper
 91 100
 92 55.6 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007681.D (-1880) (-)
 Ion 92.15 (91.85 to 92.85): VV007681.D (-1880) (-)

