

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008005.D
 Acq On : 01 Oct 2018 20:04
 Operator : SY/MD
 Sample : J5159-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC95

Quant Time: Oct 02 04:56:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24080	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	20721	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	37981	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.97	46	67494	46.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	4.41	84	52566	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	28204	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	101567	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	32118	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	96551	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	10758	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	47453	42.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22221	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38962	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

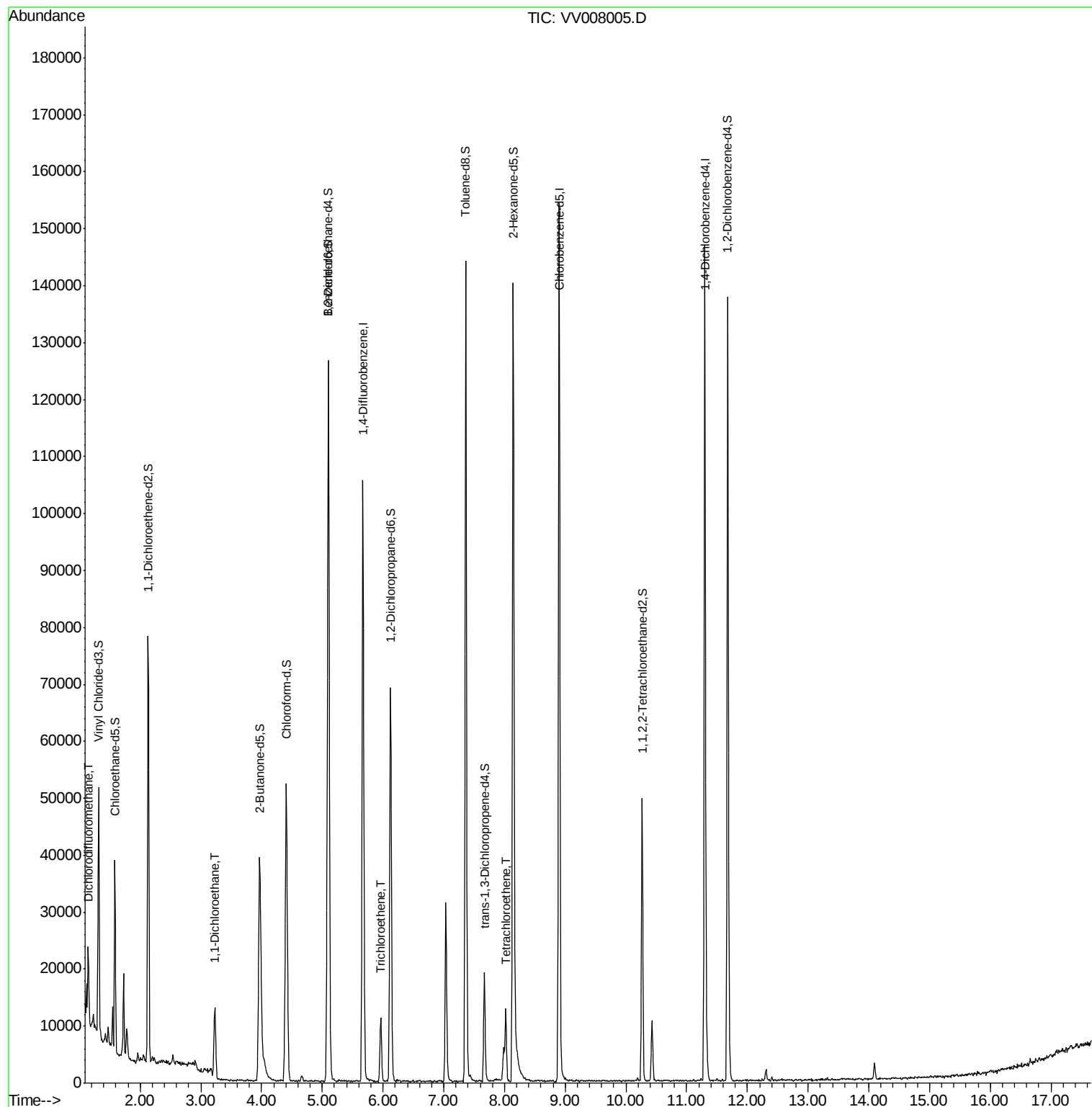
					Ovalue
2) Dichlorodifluoromethane	1.14	85	2258	0.300 ug/L	99
19) 1,1-Dichloroethane	3.23	63	11788	1.058 ug/L	96
34) Trichloroethene	5.96	95	3342	0.472 ug/L	95
47) Tetrachloroethene	8.02	164	2796	0.426 ug/L	94

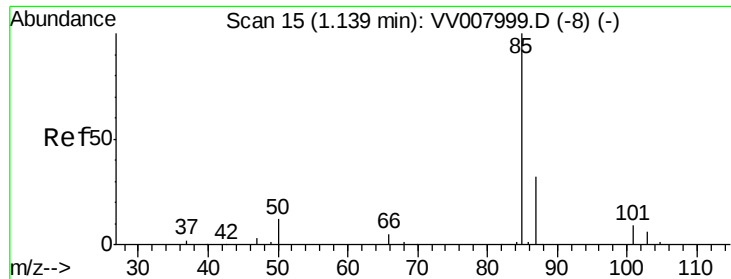
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.300 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

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Acq: 01 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampleId :

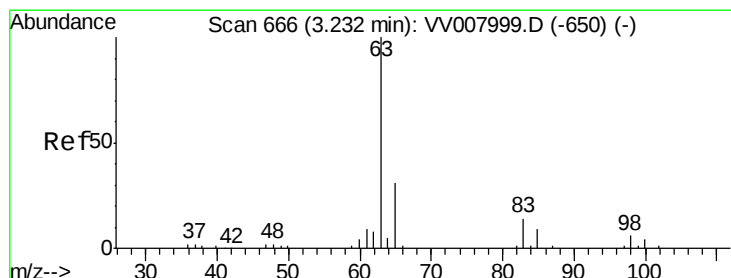
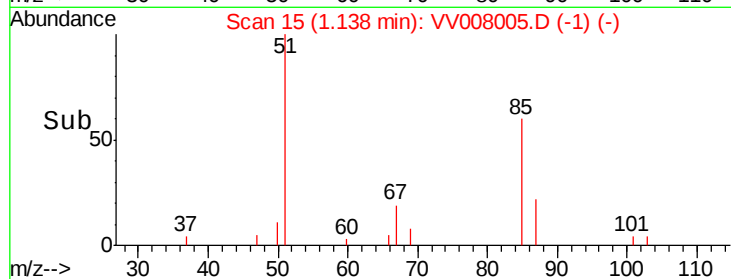
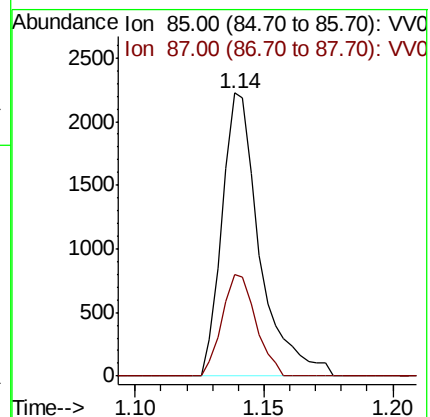
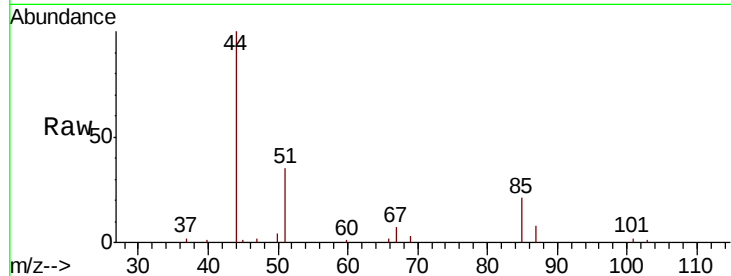
GAC95

Tot Ion: 85 Resp: 2258

Ion Ratio Lower Upper

85 100

87 32.1 25.2 37.8



#19

1,1-Dichloroethane

Concen: 1.058 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

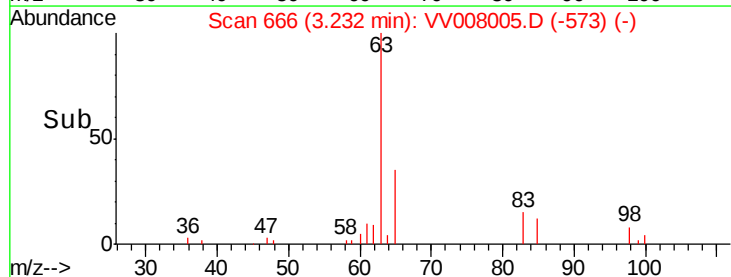
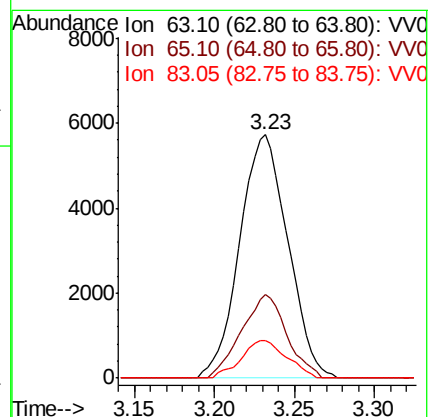
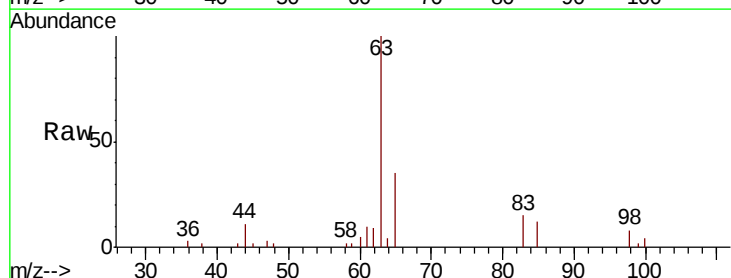
Tgt Ion: 63 Resp: 11788

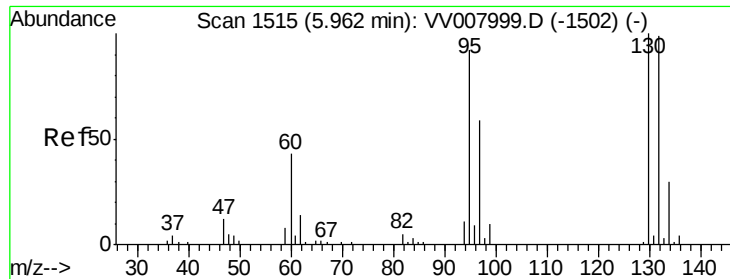
Ion Ratio Lower Upper

63 100

65 34.5 22.3 41.5

83 15.4 9.8 18.2





#34

Trichloroethene

Concen: 0.472 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampleId :

GAC95

Tot Ion: 95 Resp: 3342

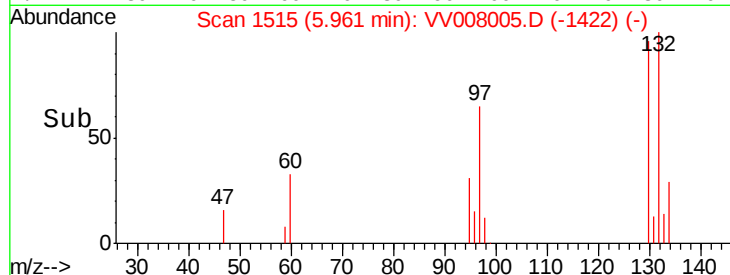
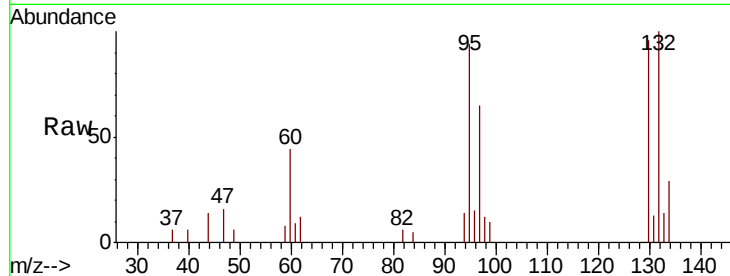
Ion Ratio Lower Upper

95 100

97 69.6 43.6 81.0

132 106.5 69.9 129.9

130 102.0 71.7 133.3

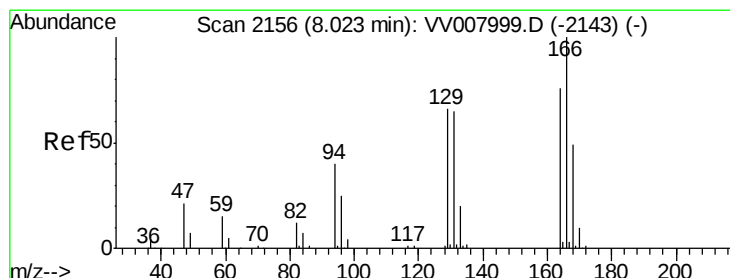
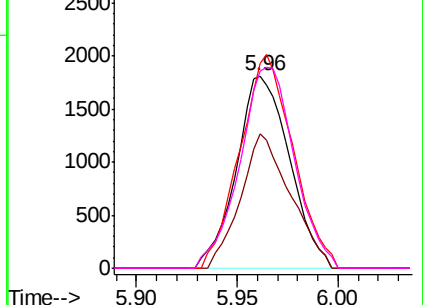


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.426 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

Tgt Ion: 164 Resp: 2796

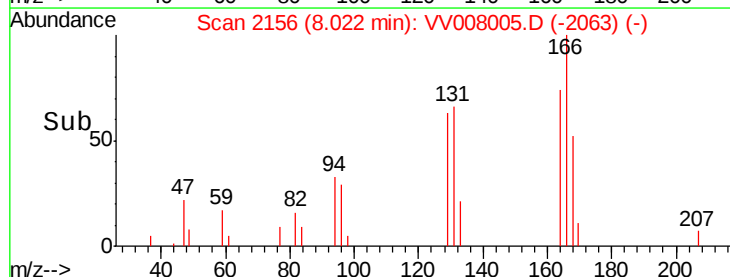
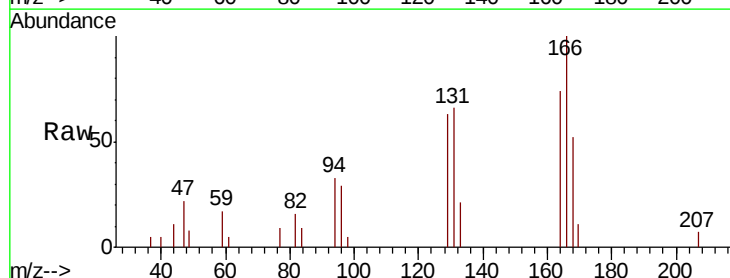
Ion Ratio Lower Upper

164 100

129 85.1 59.2 110.0

131 89.5 57.1 106.1

166 135.0 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

