

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008085.D
 Acq On : 05 Oct 2018 02:04
 Operator : SY/MD
 Sample : J5246-19
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J87

Quant Time: Oct 05 07:14:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	75911	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15847	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.59	69	16382	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	27396	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.97	46	69057	56.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	4.41	84	47807	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	25177	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	86784	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	29848	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	76344	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	9249	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	45877	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22702	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	34092	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

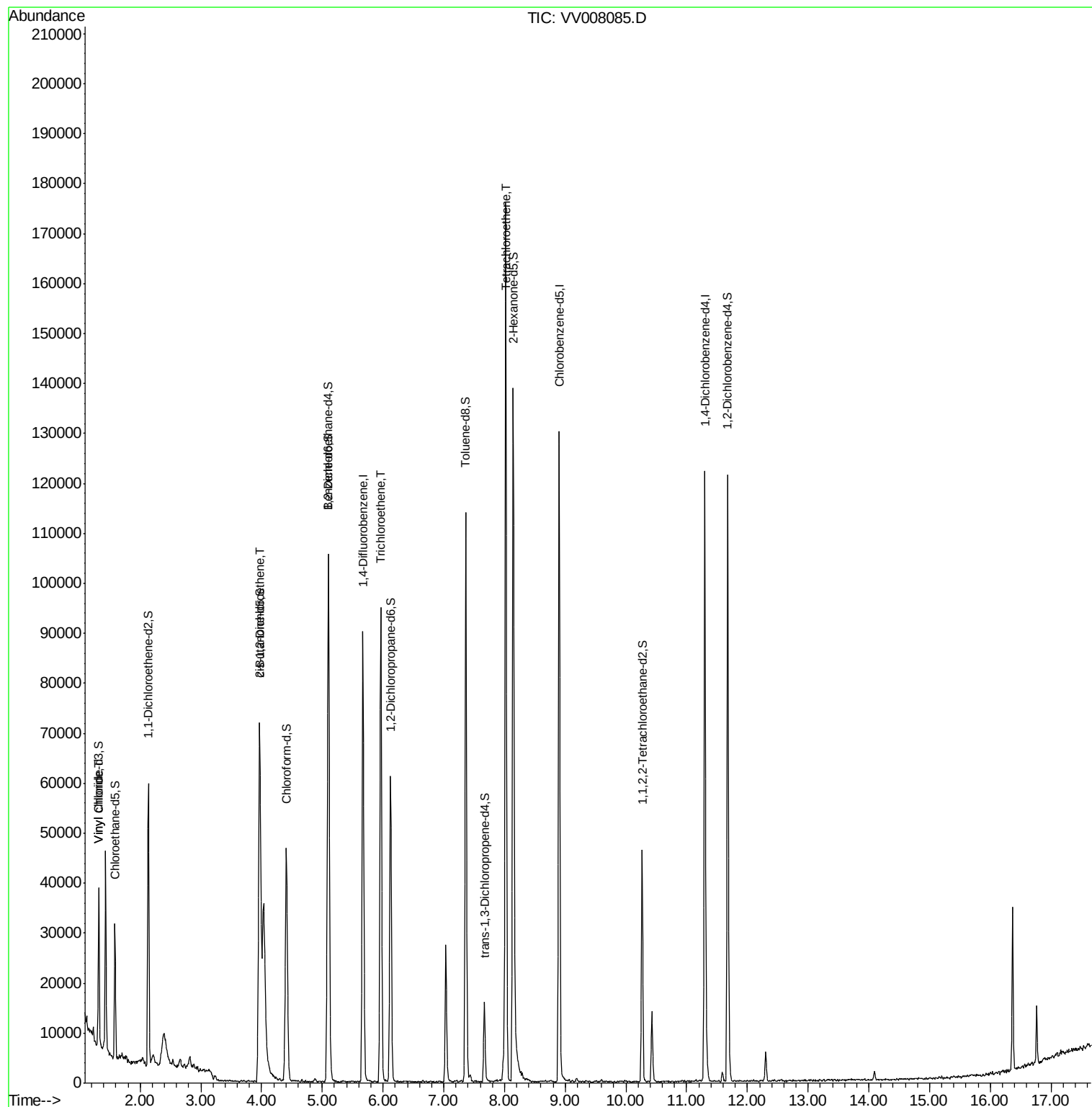
					Qvalue
5) Vinyl chloride	1.33	62	4177	0.689 ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	18499	3.303 ug/L	96
34) Trichloroethene	5.96	95	31164	5.258 ug/L	94
47) Tetrachloroethene	8.02	164	40668	7.405 ug/L	98

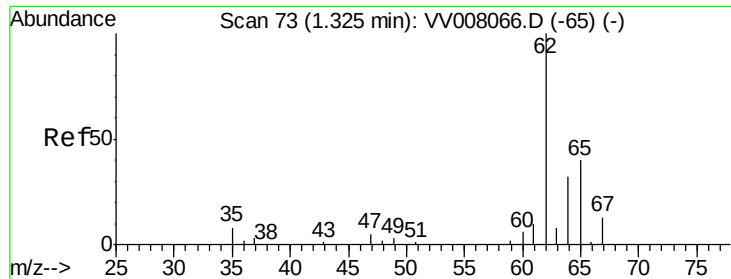
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.689 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008085.D

Acq: 05 Oct 2018 02:04

Instrument :

MSVOA_V

ClientSampleId :

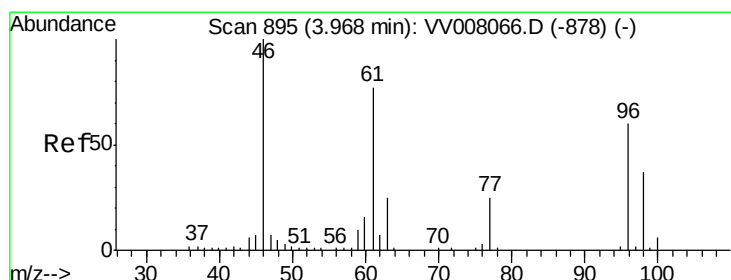
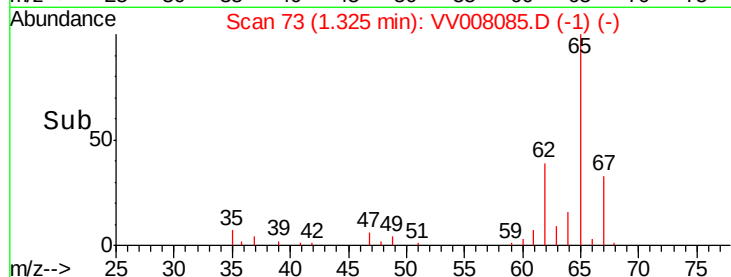
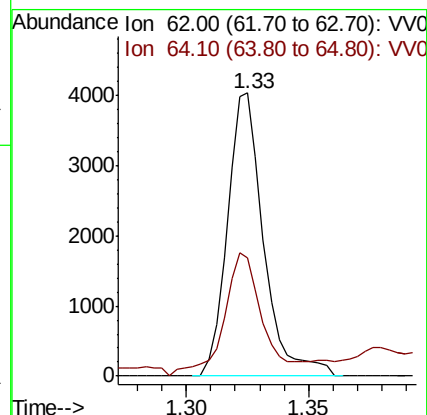
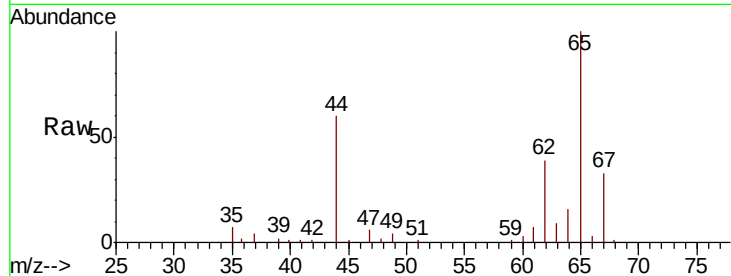
C0J87

Tgt Ion: 62 Resp: 4177

Ion Ratio Lower Upper

62 100

64 41.6 24.0 44.6



#22

cis-1,2-Dichloroethene

Concen: 3.303 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008085.D

Acq: 05 Oct 2018 02:04

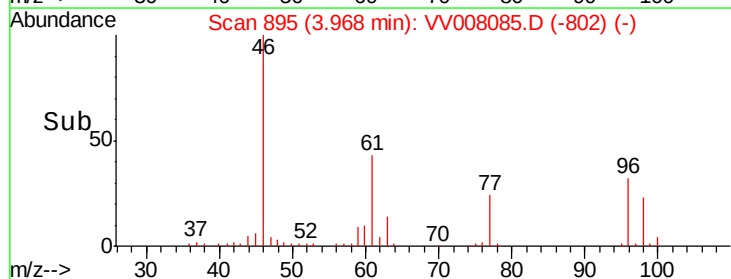
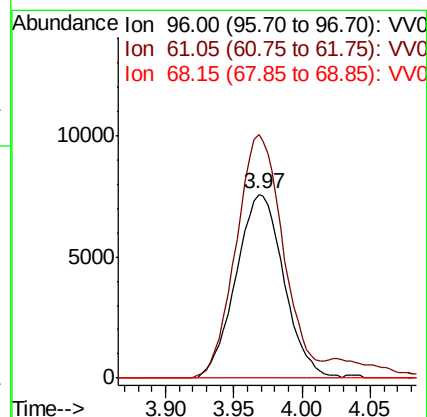
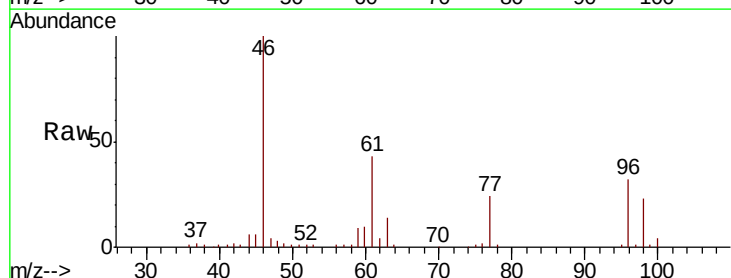
Tgt Ion: 96 Resp: 18499

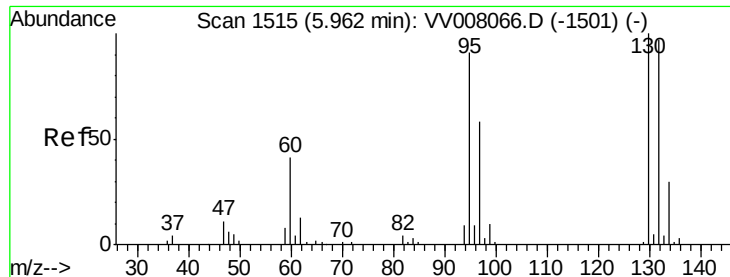
Ion Ratio Lower Upper

96 100

61 132.3 89.5 166.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.258 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008085.D

Acq: 05 Oct 2018 02:04

Instrument :

MSVOA_V

ClientSampled :

C0J87

Tgt Ion: 95 Resp: 31164

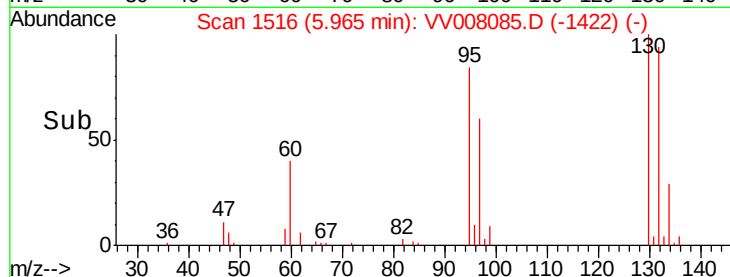
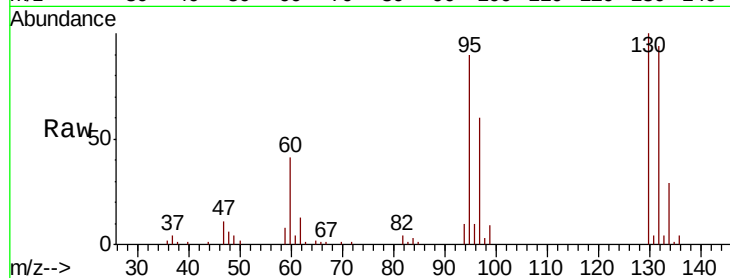
Ion Ratio Lower Upper

95 100

97 66.2 43.6 81.0

132 104.3 69.9 129.9

130 110.8 71.7 133.3

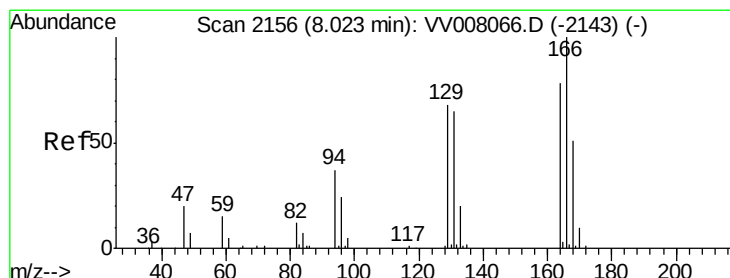
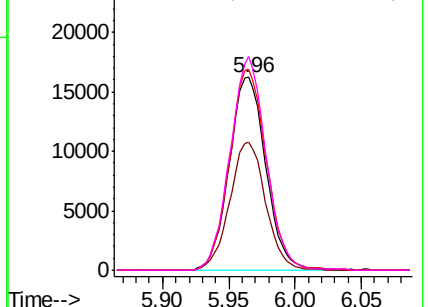


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 7.405 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008085.D

Acq: 05 Oct 2018 02:04

Tgt Ion: 164 Resp: 40668

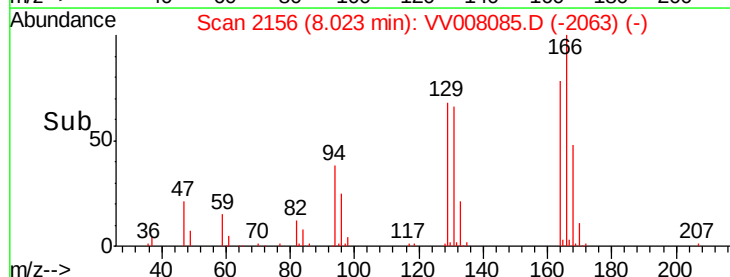
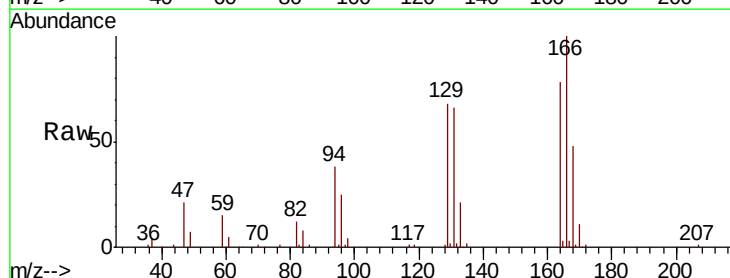
Ion Ratio Lower Upper

164 100

129 86.7 59.2 110.0

131 84.7 57.1 106.1

166 128.3 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

