

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007815.D
 Acq On : 24 Sep 2018 14:43
 Operator : SY/MD
 Sample : J5010-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T15

Quant Time: Sep 25 02:59:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202080	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42712	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.78%
7) Chloroethane-d5	1.59	69	45477	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.14	63	85755	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	3.95	46	67400	92.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	4.41	84	102053	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.09	65	69430	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.11	84	202691	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	6.13	67	60133	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.36	98	204092	43.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.70%
43) trans-1,3-Dichloropropene-	7.67	79	27467	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.14	63	50459	86.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90375	43.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	98219	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%

Target Compounds

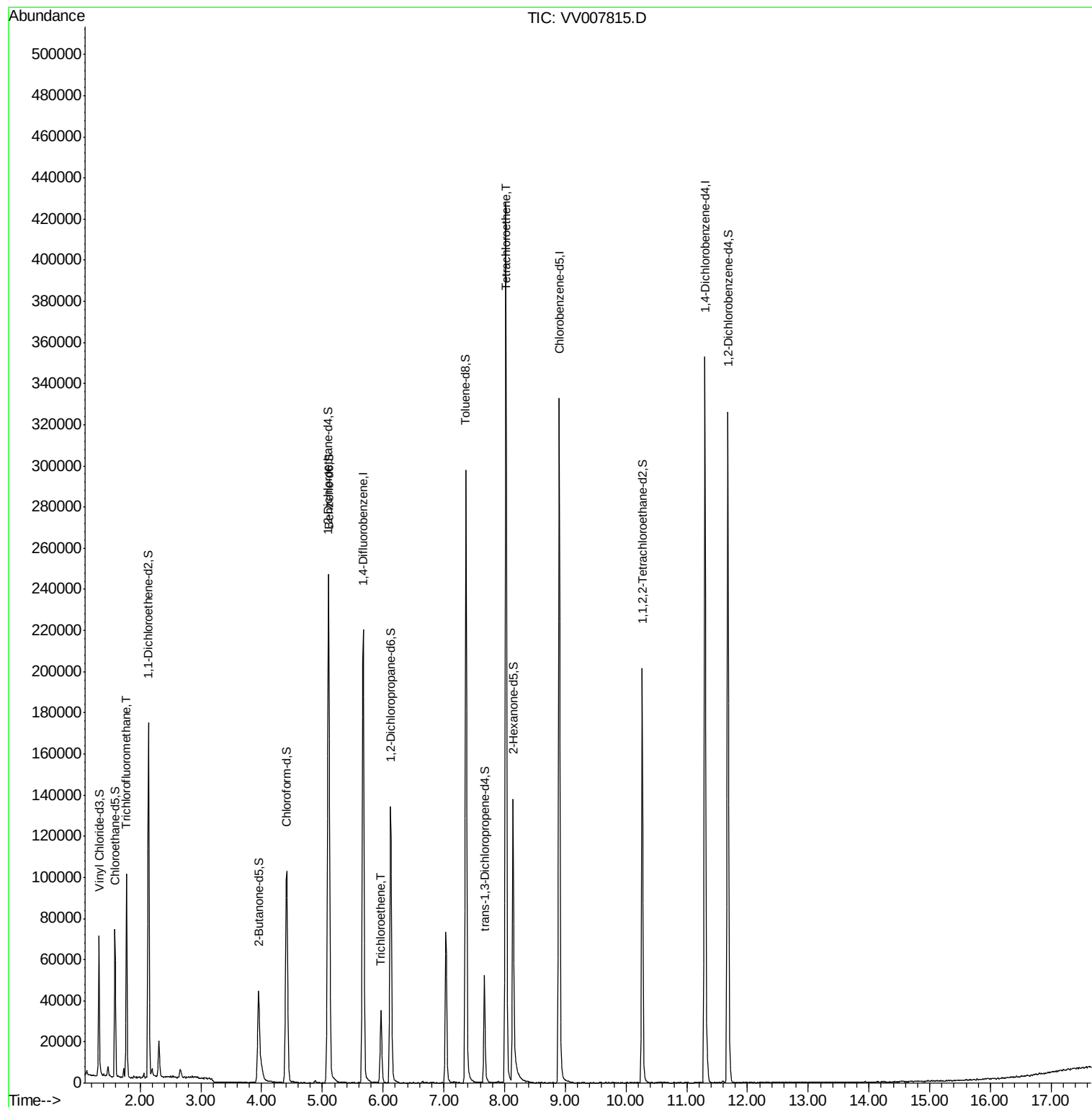
					Ovalue
9) Trichlorofluoromethane	1.78	101	56450	20.956	ug/L 100
34) Trichloroethene	5.96	95	11278	8.122	ug/L 98
46) Tetrachloroethene	8.02	164	100393	70.644	ug/L 99

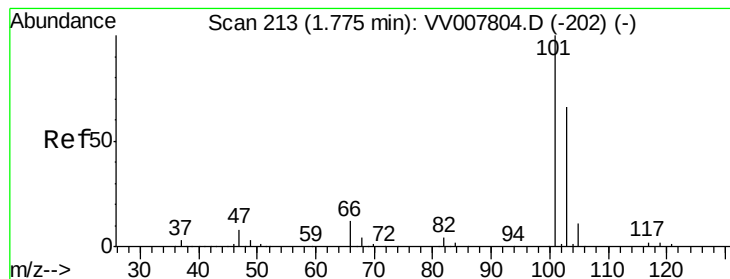
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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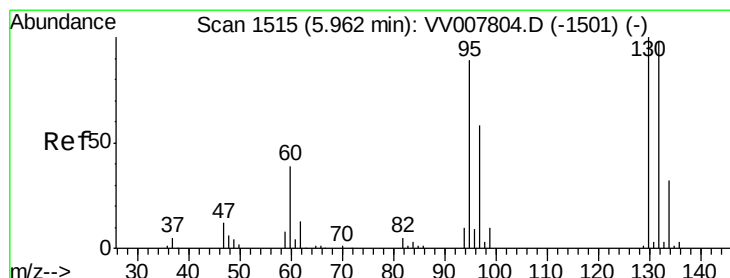
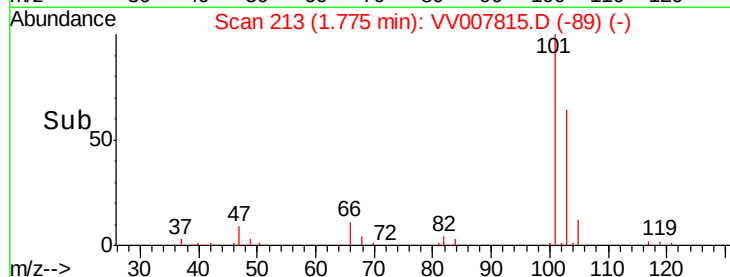
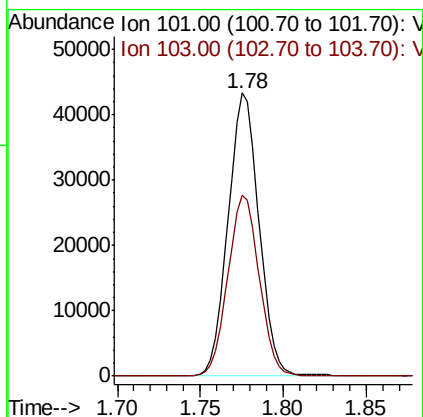
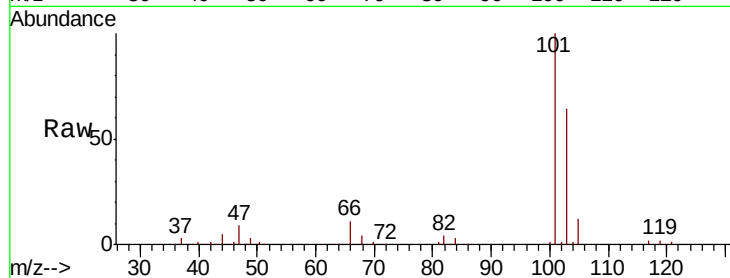


#9

Trichlorofluoromethane
 Concen: 20.956 ug/L
 RT: 1.78 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: VV007815.D
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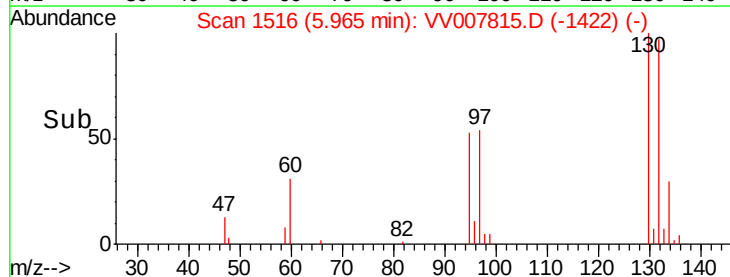
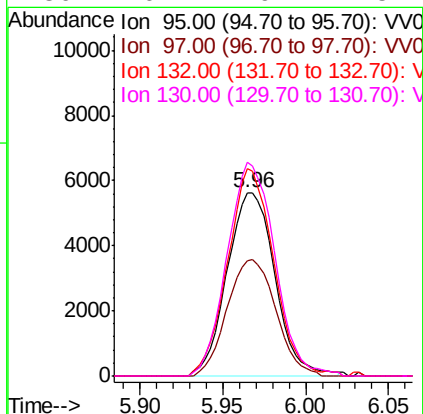
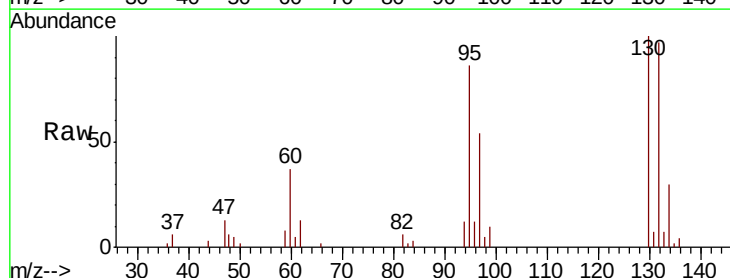
Tot Ion:101 Resp: 56450
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

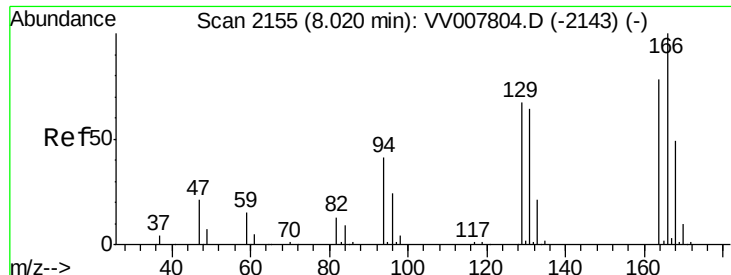


#34

Trichloroethene
 Concen: 8.122 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007815.D
 Acq: 24 Sep 2018 14:43

Tgt Ion: 95 Resp: 11278
 Ion Ratio Lower Upper
 95 100
 97 62.9 45.2 84.0
 132 113.1 77.7 144.3
 130 116.4 79.7 148.1





#46

Tetrachloroethene

Concen: 70.644 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007815.D

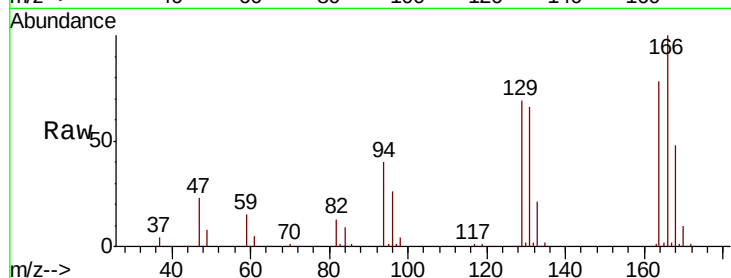
Acq: 24 Sep 2018 14:43

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MSVOA_V

ClientSampleId :

COT15



Tot Ion:164 Resp: 100393

Ion Ratio Lower Upper

164 100

129 87.5 61.0 113.4

131 84.7 57.8 107.4

166 127.5 89.9 167.0

Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

