

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010525.D
 Acq On : 27 Apr 2019 03:30
 Operator : SY/MD
 Sample : K2586-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X17

Quant Time: Apr 27 05:19:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 05:12:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	210479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57354	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.57	69	40334	7.36	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	147.20%#
11) 1,1-Dichloroethene-d2	2.13	63	80909	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.93	46	143529	54.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.72%
24) Chloroform-d	4.40	84	144226	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	74438	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.10	84	299214	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.12	67	83424	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.36	98	270706	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	7.66	79	27894	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.13	63	130656	53.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64961	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	120258	6.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.00%#

Target Compounds

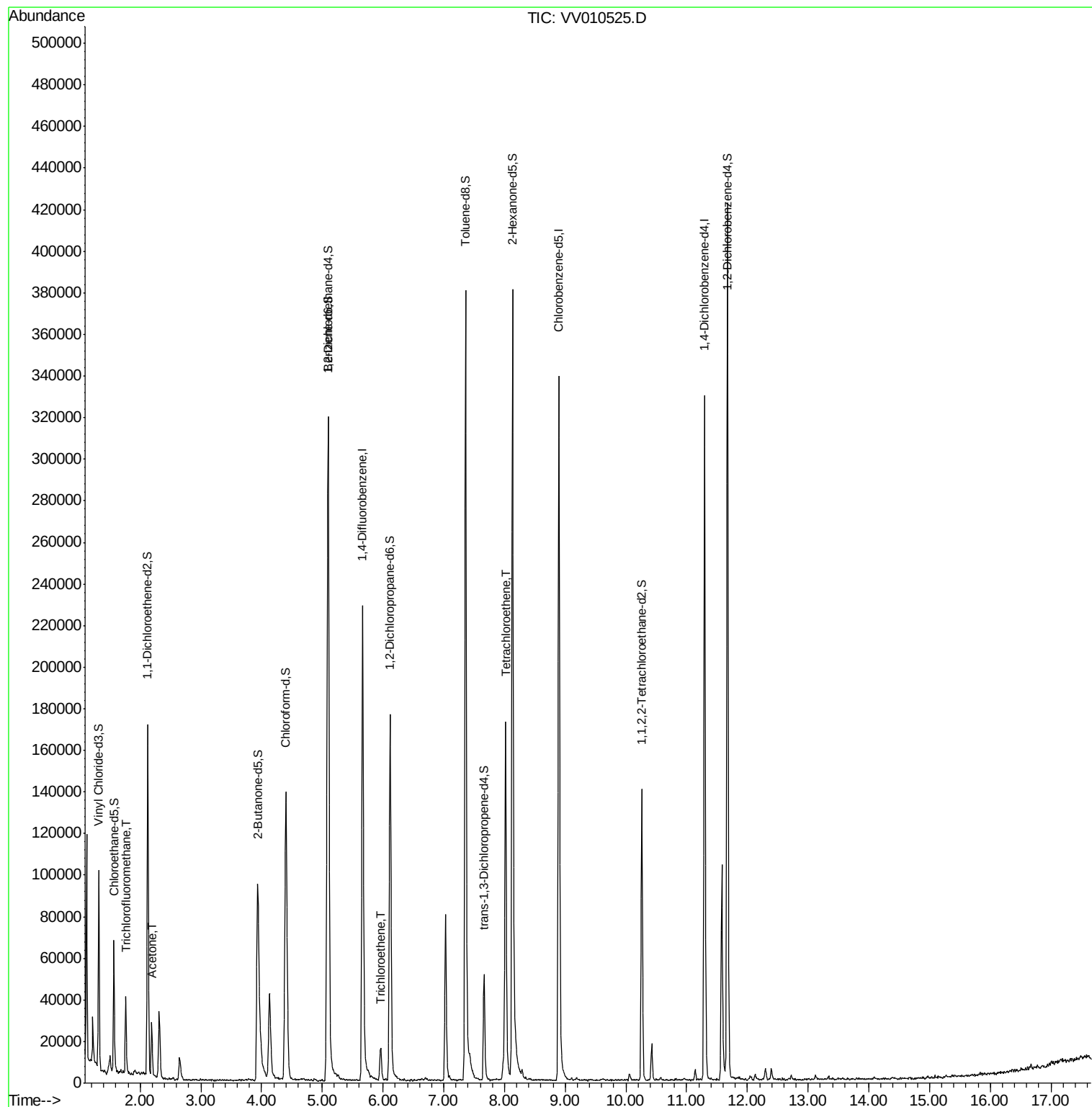
					Ovalue
9) Trichlorofluoromethane	1.76	101	18913	0.824 ug/L	91
13) Acetone	2.19	43	22947	17.445 ug/L	96
34) Trichloroethene	5.96	95	5136	0.319 ug/L	88
47) Tetrachloroethene	8.02	164	42775	2.842 ug/L	99

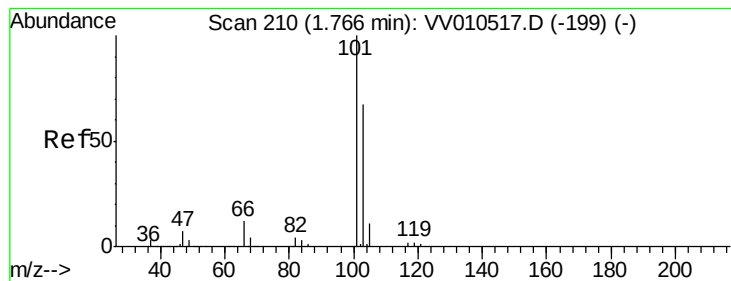
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.824 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Acq: 27 Apr 2019 03:30

Instrument :

MSVOA_V

ClientSampleId :

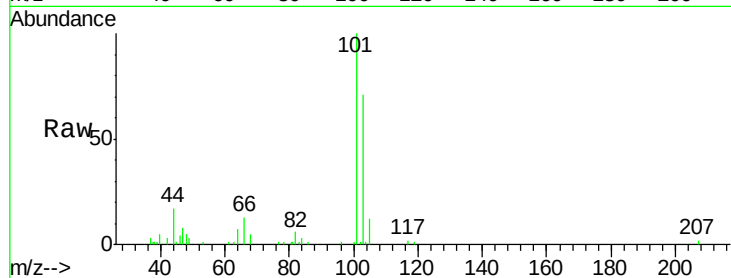
C0X17

Tot Ion:101 Resp: 18913

Ion Ratio Lower Upper

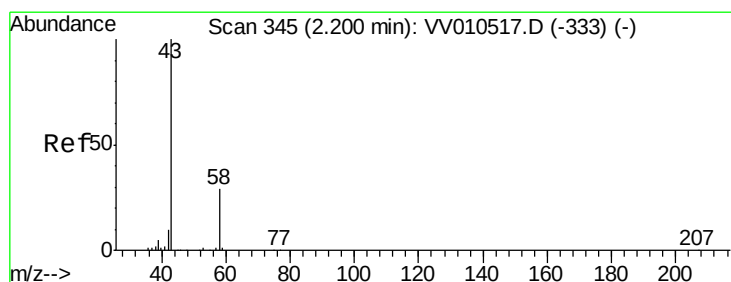
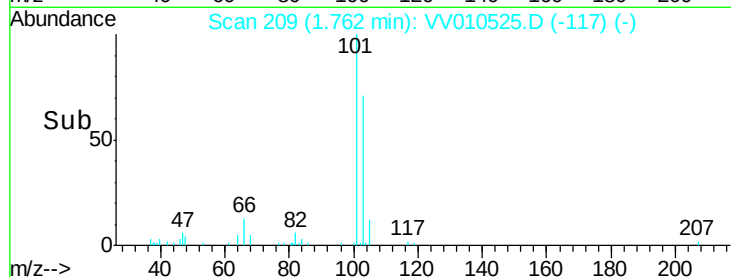
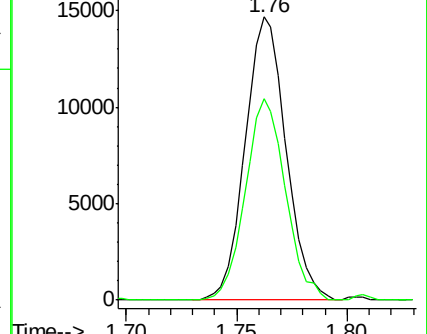
101 100

103 70.0 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 17.445 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV010525.D

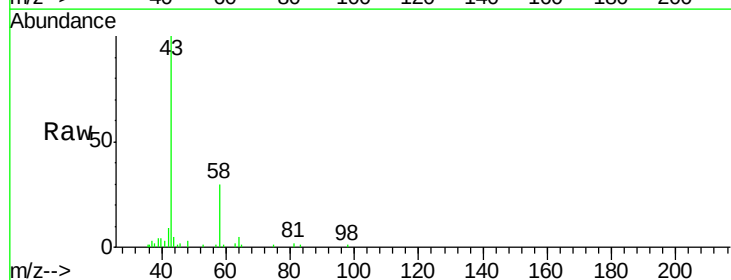
Acq: 27 Apr 2019 03:30

Tgt Ion: 43 Resp: 22947

Ion Ratio Lower Upper

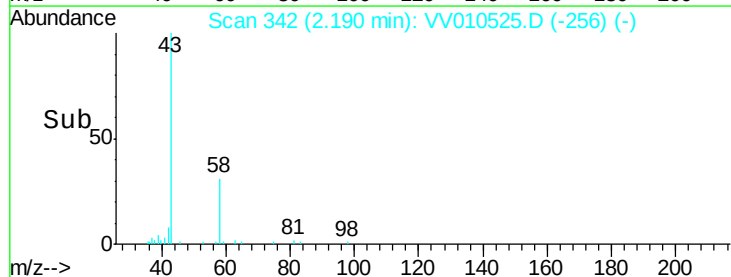
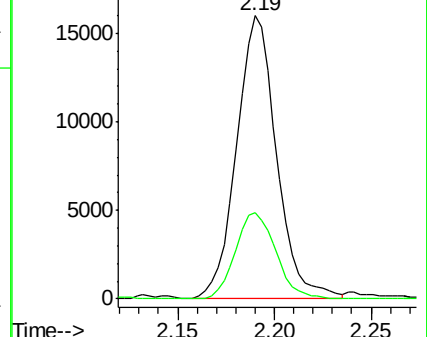
43 100

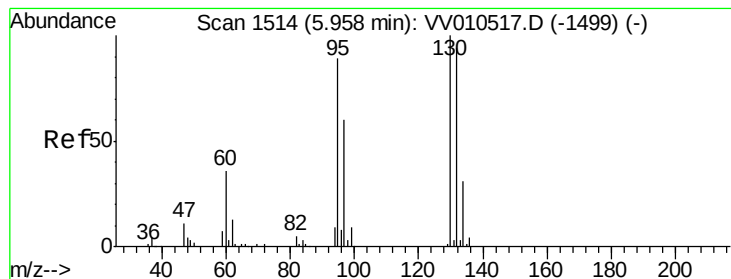
58 30.6 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 0.319 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010525.D

Acq: 27 Apr 2019 03:30

Instrument :

MSVOA_V

ClientSampleId :

C0X17

Tot Ion: 95 Resp: 5136

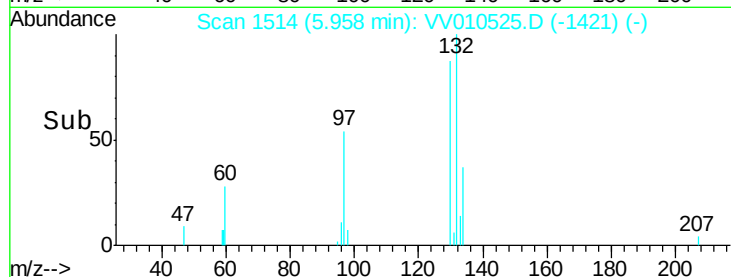
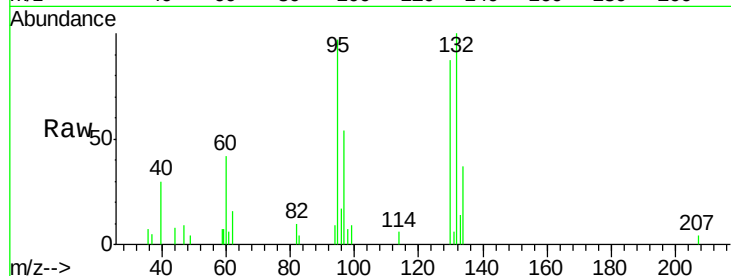
Ion Ratio Lower Upper

95 100

97 55.3 43.3 80.5

132 103.1 74.1 137.5

130 89.6 79.5 147.6

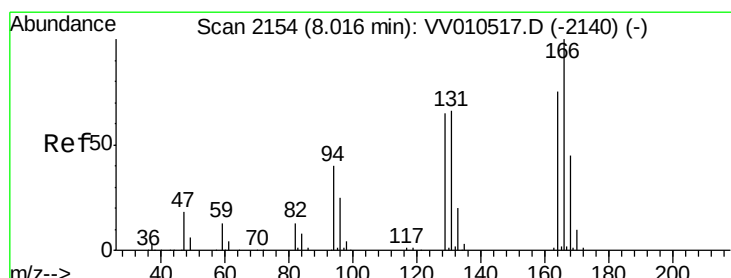
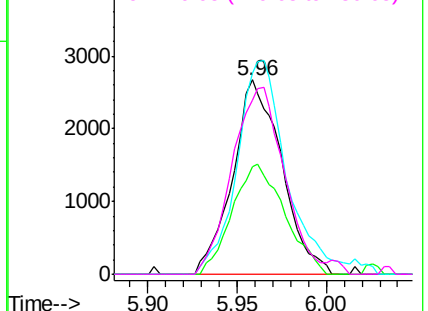


Abundance Ion 95.00 (94.70 to 95.70): VV010525.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV010525.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV010525.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV010525.D (-1421) (-)



#47

Tetrachloroethene

Concen: 2.842 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010525.D

Acq: 27 Apr 2019 03:30

Tgt Ion: 164 Resp: 42775

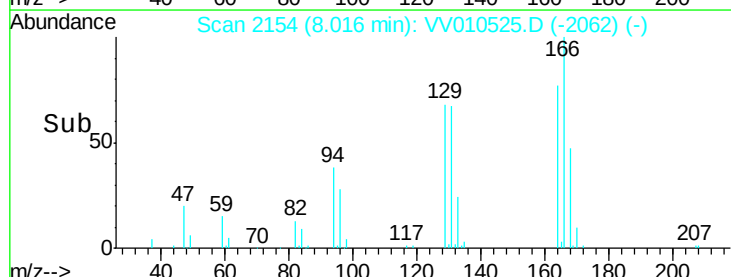
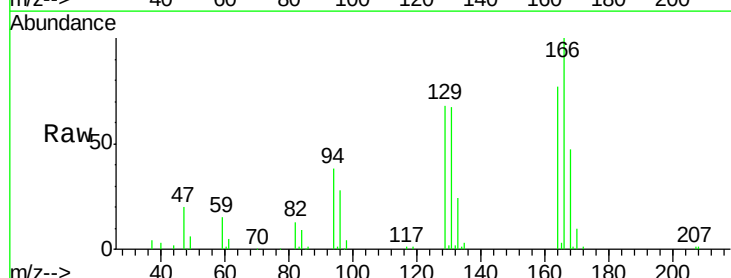
Ion Ratio Lower Upper

164 100

129 89.1 62.2 115.4

131 87.9 61.5 114.1

166 130.7 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV010525.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV010525.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV010525.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV010525.D (-2062) (-)

