

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010528.D
 Acq On : 27 Apr 2019 04:46
 Operator : SY/MD
 Sample : K2586-06
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X20

Quant Time: Apr 27 05:53:40 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	219338	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50634	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.57	69	34972	6.13	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.13	63	74531	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.94	46	132218	48.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.40	84	140742	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	67635	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	272690	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	78982	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	247730	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	26273	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.13	63	119648	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58234	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	112356	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

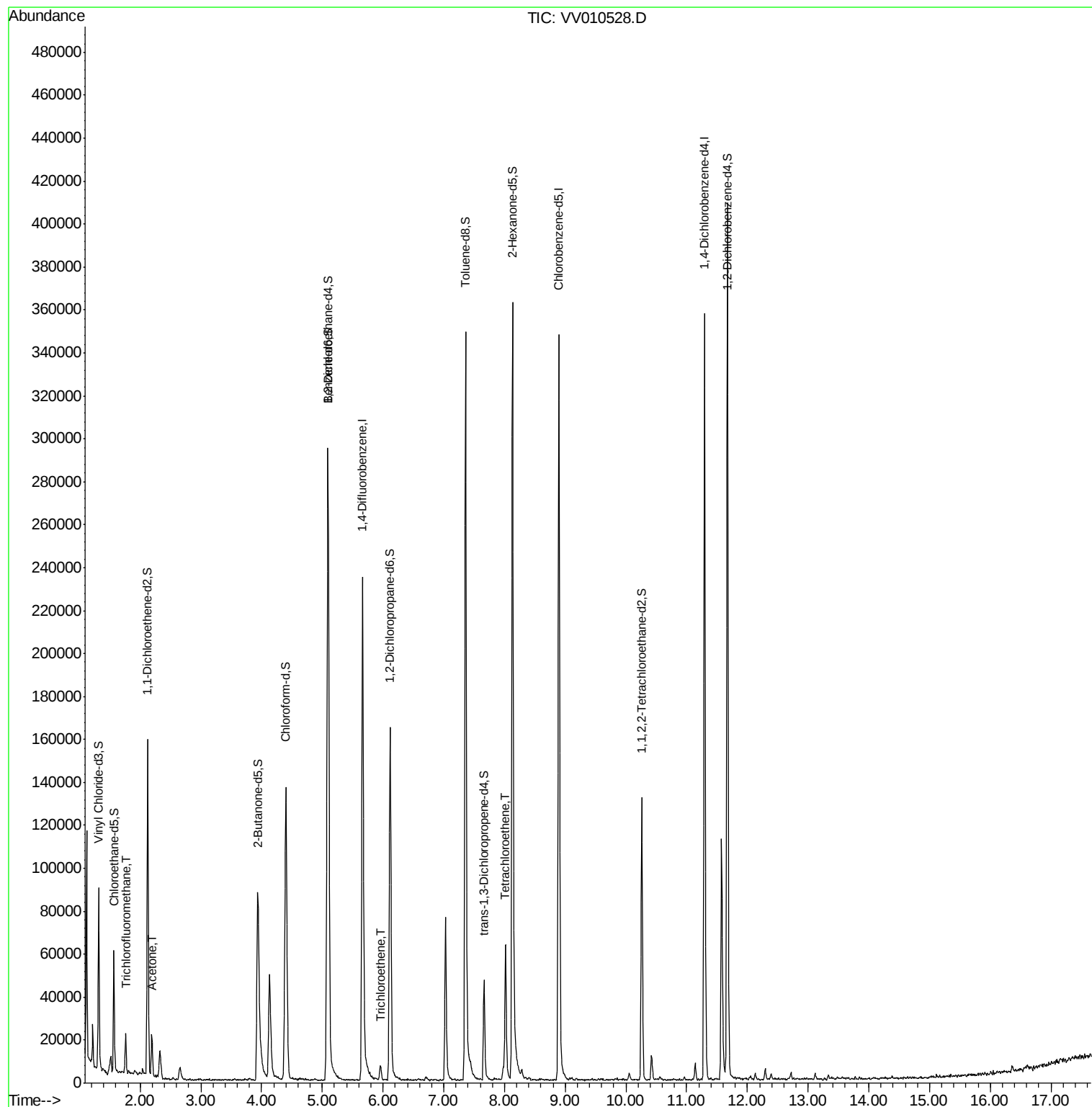
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.76	101	9641	0.403 ug/L	97
13) Acetone	2.19	43	16956	12.370 ug/L	95
34) Trichloroethene	5.96	95	1854	0.112 ug/L	80
47) Tetrachloroethene	8.02	164	15058	0.978 ug/L	90

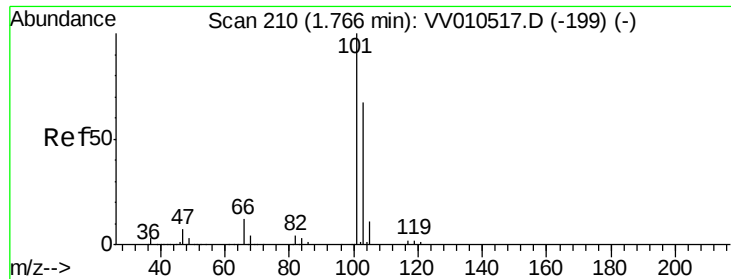
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.403 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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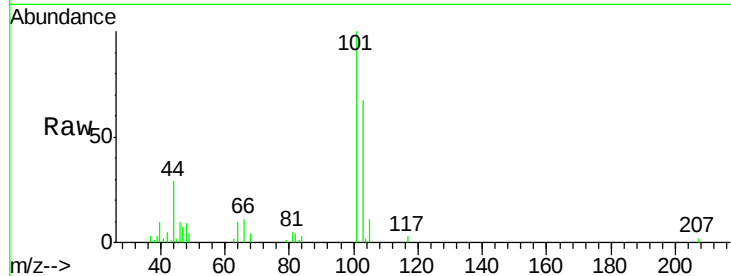
C0X20

Tot Ion:101 Resp: 9641

Ion Ratio Lower Upper

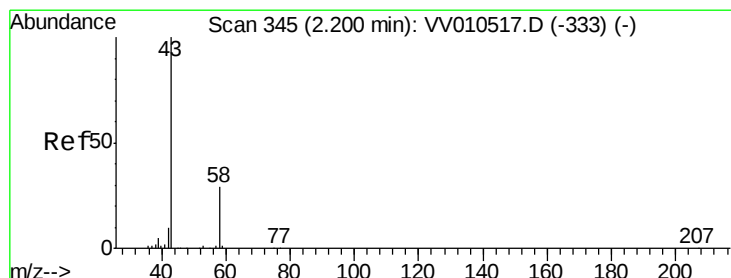
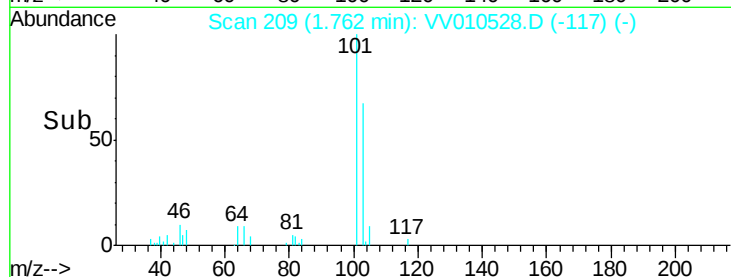
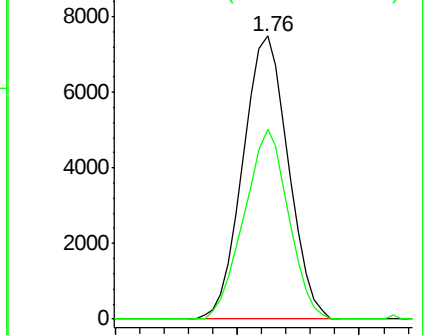
101 100

103 65.4 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: 12.370 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV010528.D

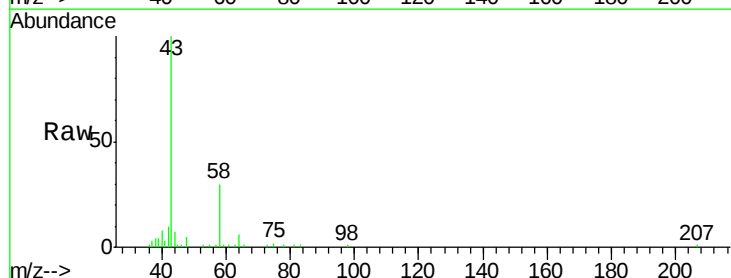
Acq: 27 Apr 2019 04:46

Tgt Ion: 43 Resp: 16956

Ion Ratio Lower Upper

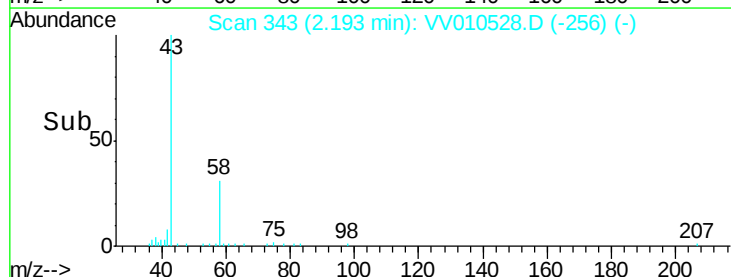
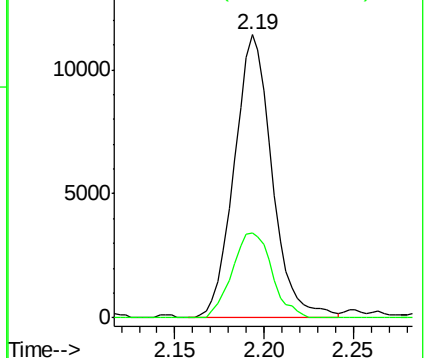
43 100

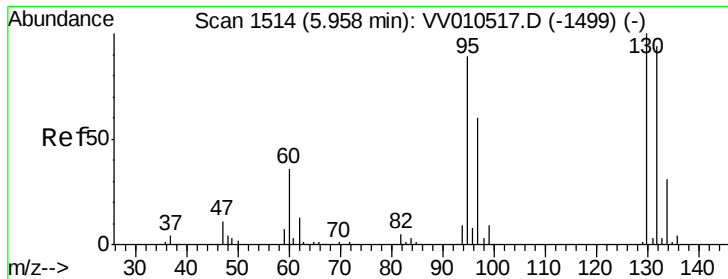
58 31.4 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 0.112 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010528.D

Acq: 27 Apr 2019 04:46

Instrument :

MSVOA_V

ClientSampleId :

C0X20

Tot Ion: 95 Resp: 1854

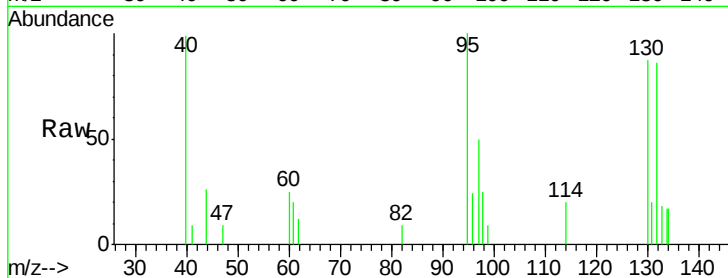
Ion Ratio Lower Upper

95 100

97 50.4 43.3 80.5

132 85.8 74.1 137.5

130 87.3 79.5 147.6

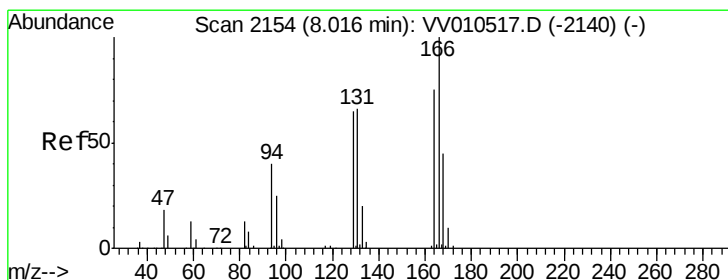
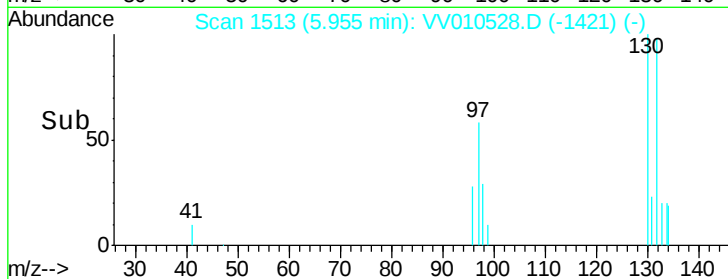
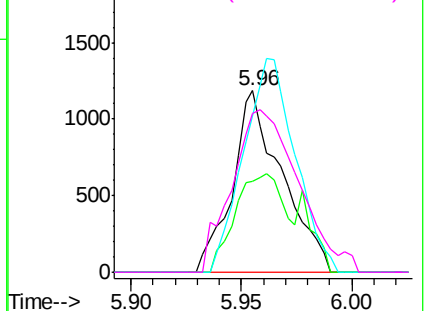


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

Tetrachloroethene

Concen: 0.978 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010528.D

Acq: 27 Apr 2019 04:46

Tgt Ion: 164 Resp: 15058

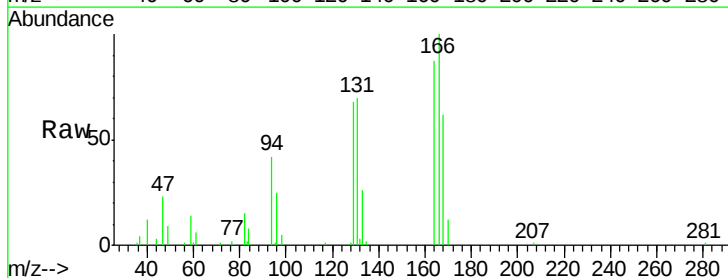
Ion Ratio Lower Upper

164 100

129 77.8 62.2 115.4

131 80.8 61.5 114.1

166 115.2 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV0

Ion 128.95 (128.65 to 129.65): VV0

Ion 130.95 (130.65 to 131.65): VV0

Ion 165.90 (165.60 to 166.60): VV0

