

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010536.D
 Acq On : 27 Apr 2019 08:09
 Operator : SY/MD
 Sample : K2586-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X56

Quant Time: Apr 29 02:42:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 29 01:58:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54690	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.57	69	38432	6.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.13	63	72969	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	126772	43.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.40	84	132809	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	68423	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	276430	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	76812	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	253278	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	24886	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.13	63	110007	41.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58358	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	108264	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

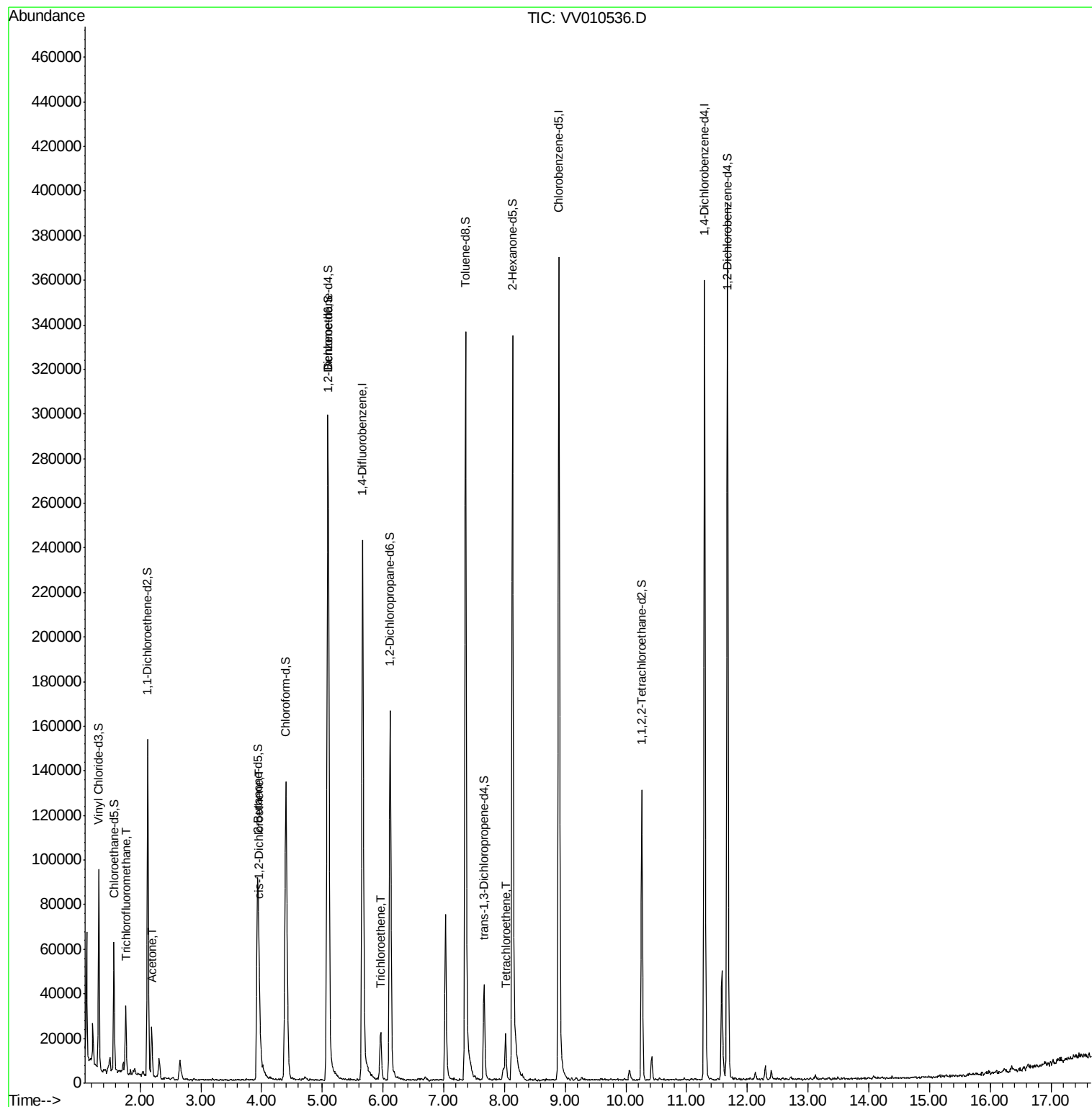
					Ovalue
9) Trichlorofluoromethane	1.76	101	17468	0.695 ug/L	97
13) Acetone	2.19	43	19541	13.566 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	9008	0.525 ug/L	89
34) Trichloroethene	5.96	95	6649	0.376 ug/L #	88
47) Tetrachloroethene	8.02	164	5165	0.313 ug/L	94

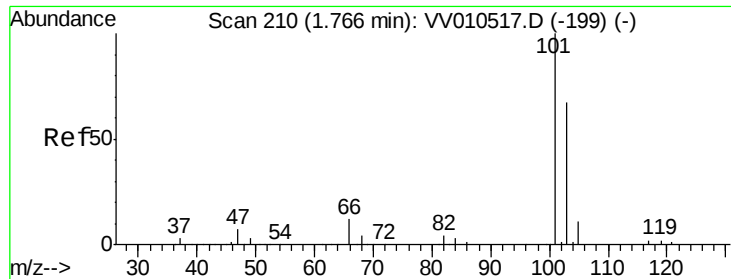
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.695 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

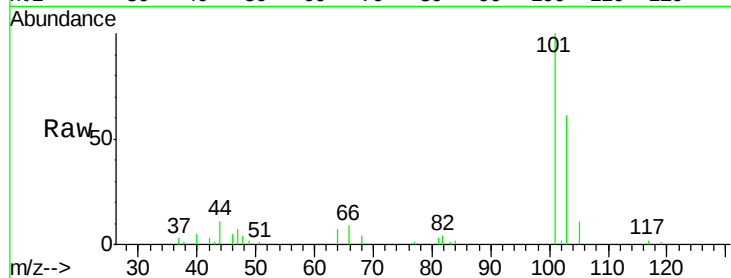
C0X56

Tot Ion:101 Resp: 17468

Ion Ratio Lower Upper

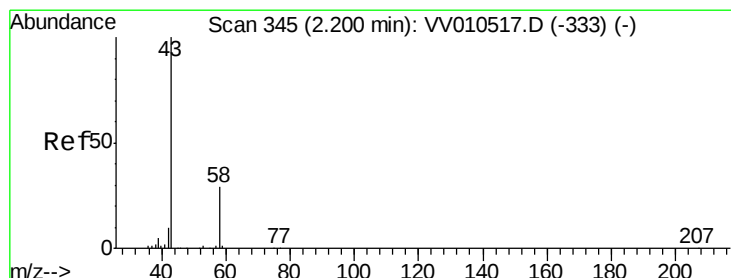
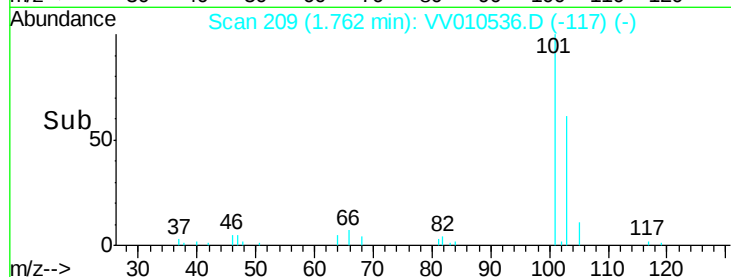
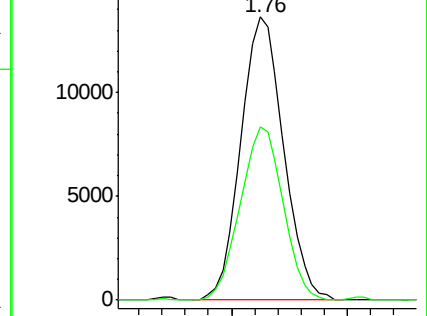
101 100

103 61.1 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: 13.566 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010536.D

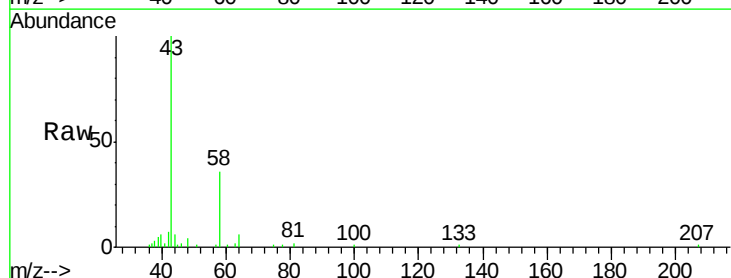
Acq: 27 Apr 2019 08:09

Tgt Ion: 43 Resp: 19541

Ion Ratio Lower Upper

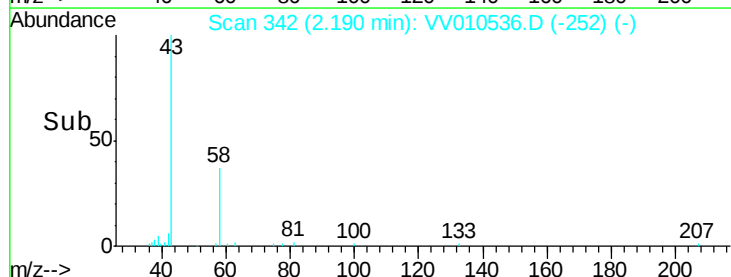
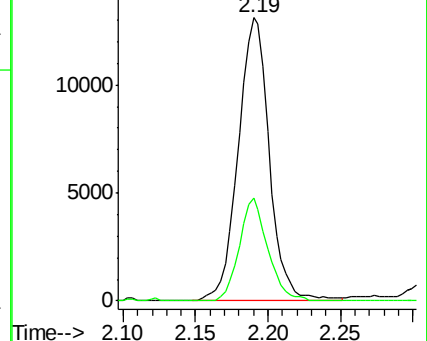
43 100

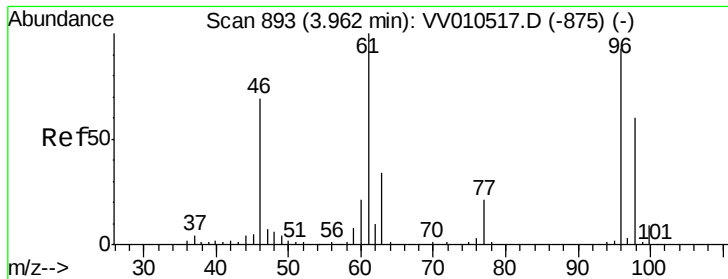
58 33.2 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



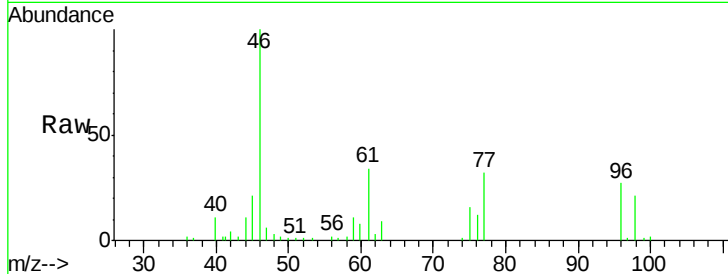


#22

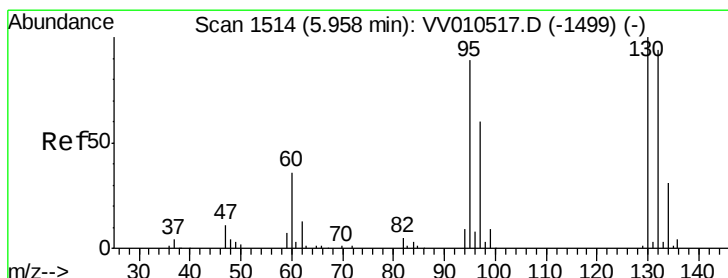
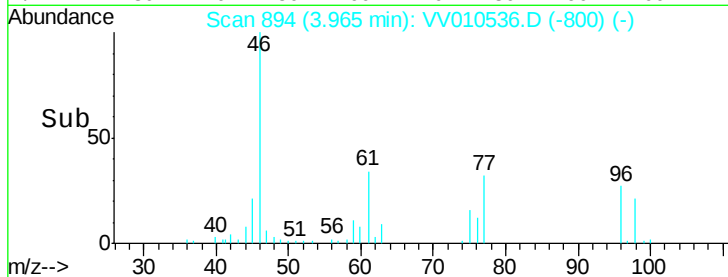
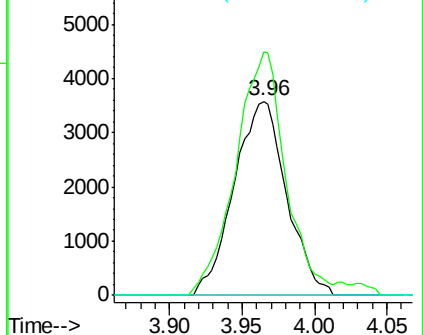
cis-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010536.D
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Instrument :
MSVOA_V
ClientSampleId :
C0X56

Tot Ion: 96 Resp: 9008
Ion Ratio Lower Upper
96 100
61 125.5 79.9 148.3
68 0.0 0.0 0.0



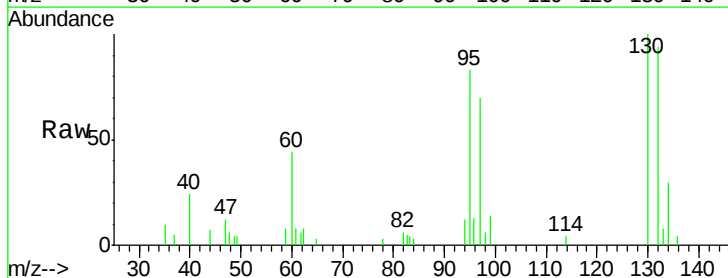
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



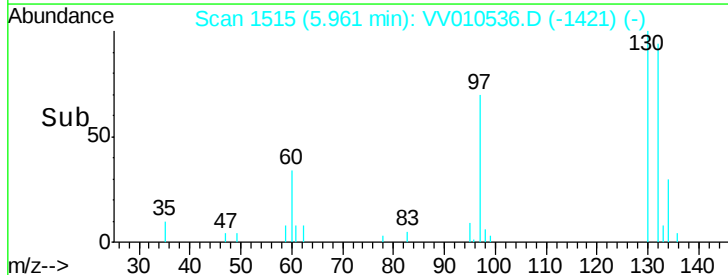
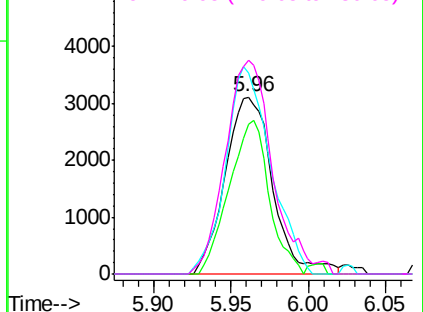
#34

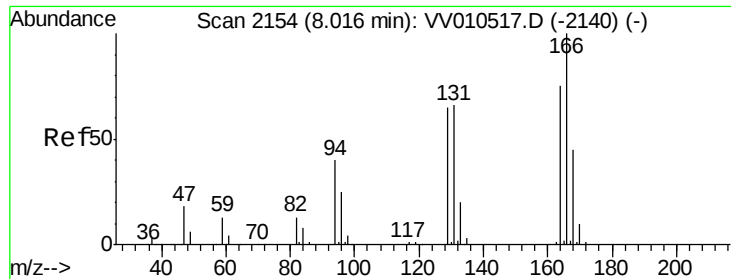
Trichloroethene
Concen: 0.376 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 95 Resp: 6649
Ion Ratio Lower Upper
95 100
97 84.4 43.3 80.5#
132 113.6 74.1 137.5
130 120.5 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: 0.313 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010536.D
 Acq: 27 Apr 2019 08:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X56

Tot Ion:	164	Resp:	5165
Ion	Ratio	Lower	Upper
164	100		
129	85.3	62.2	115.4
131	79.2	61.5	114.1
166	121.5	89.1	165.5

