

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010564.D
 Acq On : 29 Apr 2019 22:44
 Operator : SY/MD
 Sample : K2590-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

Quant Time: Apr 30 07:33:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46584	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.57	69	31953	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	64119	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.93	46	129433	47.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.40	84	134217	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	67391	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	268265	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	77518	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	242777	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	25862	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	114621	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55669	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	105625	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

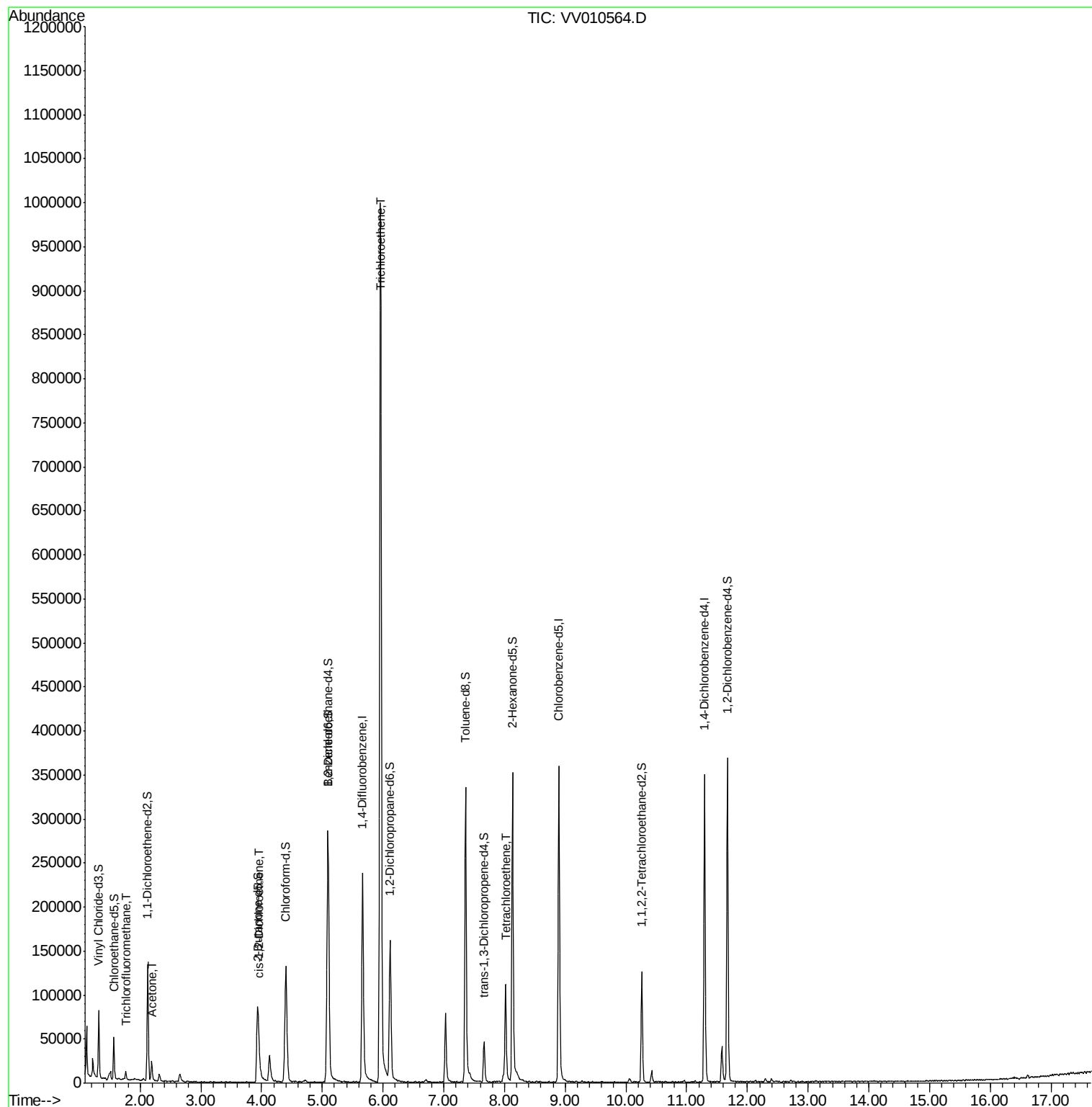
					Ovalue
9) Trichlorofluoromethane	1.76	101	3871	0.162 ug/L	92
13) Acetone	2.19	43	19155	13.977 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	4337	0.266 ug/L	93
34) Trichloroethene	5.96	95	353248	21.589 ug/L	98
47) Tetrachloroethene	8.02	164	27814	1.820 ug/L	93

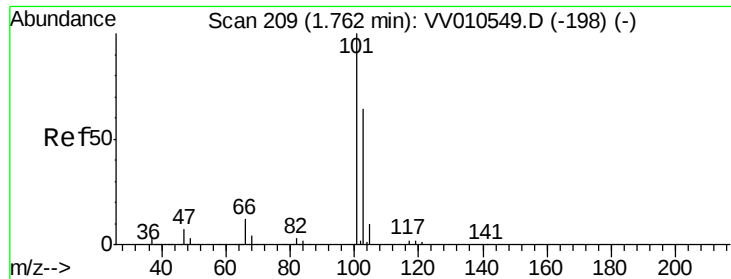
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.162 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010564.D

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Instrument :

MSVOA_V

ClientSampled :

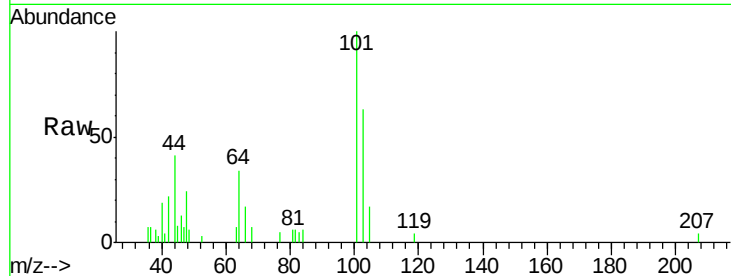
C0X88

Tot Ion:101 Resp: 3871

Ion Ratio Lower Upper

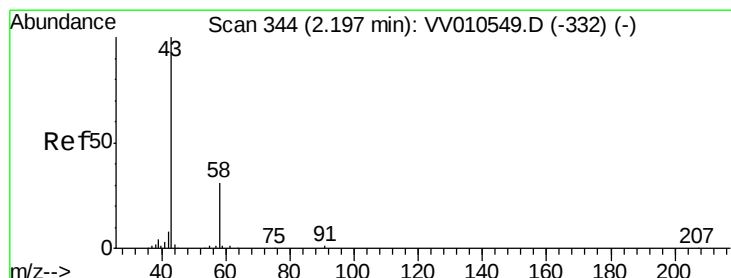
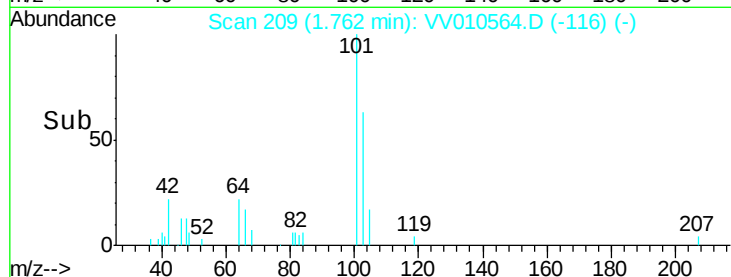
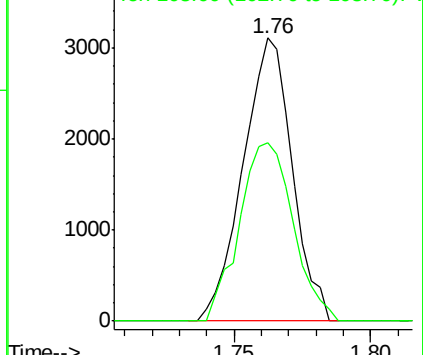
101 100

103 69.0 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: 13.977 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010564.D

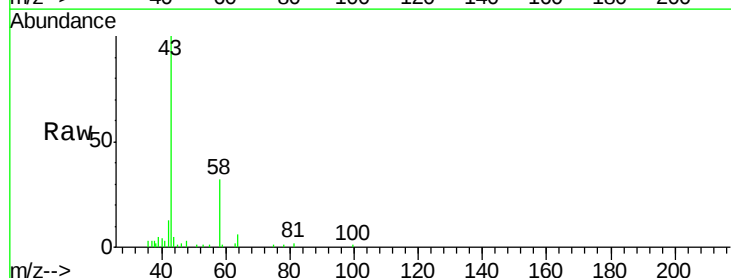
Acq: 29 Apr 2019 22:44

Tgt Ion: 43 Resp: 19155

Ion Ratio Lower Upper

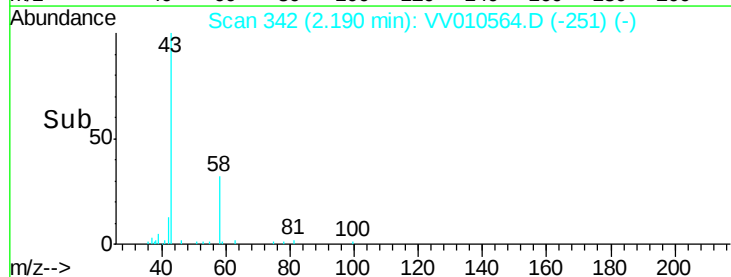
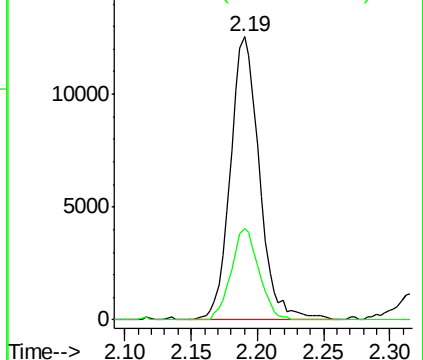
43 100

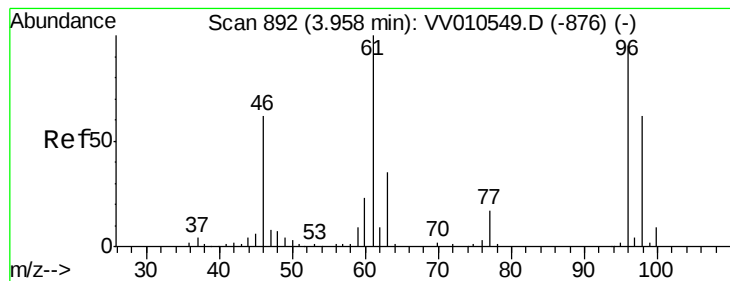
58 30.7 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



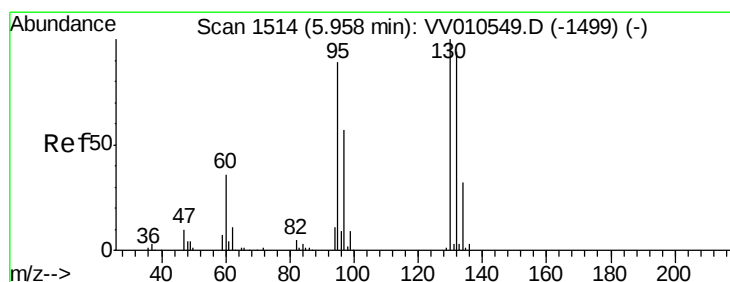
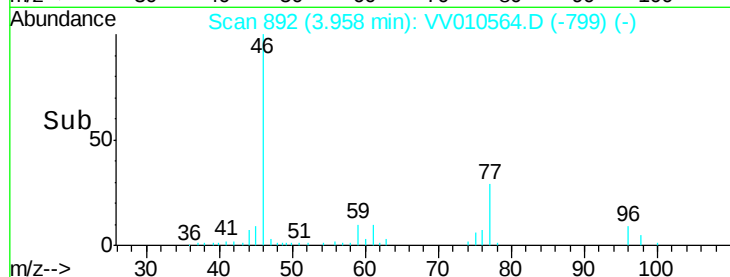
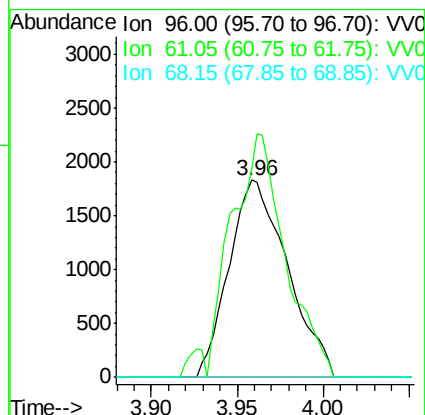
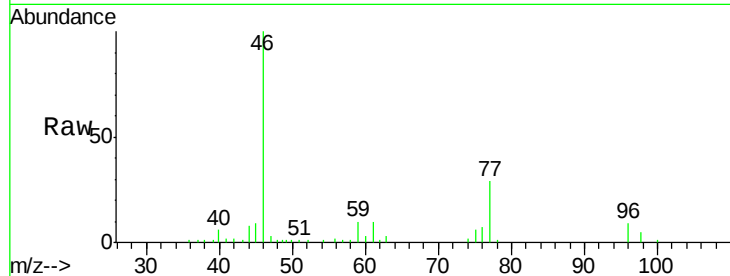


#22

cis-1,2-Dichloroethene
 Concen: 0.266 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
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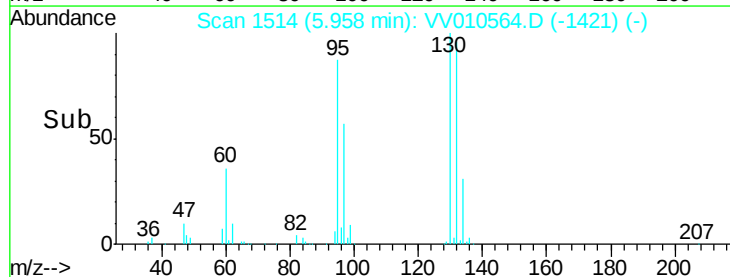
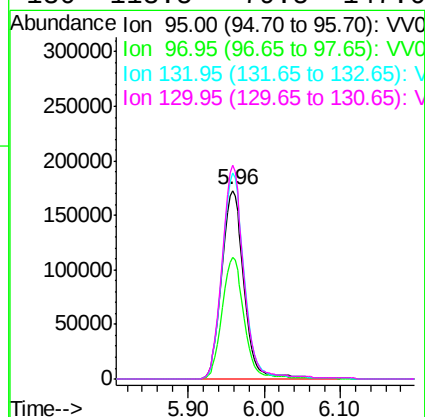
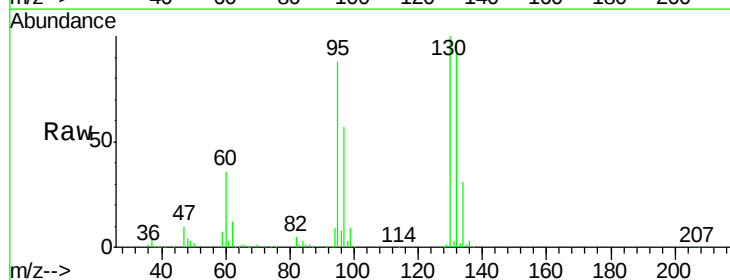
Tot Ion: 96 Resp: 4337
 Ion Ratio Lower Upper
 96 100
 61 106.4 79.9 148.3
 68 0.0 0.0 0.0

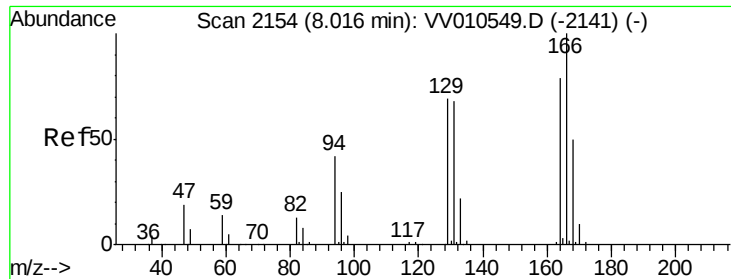


#34

Trichloroethene
 Concen: 21.589 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Tgt Ion: 95 Resp: 353248
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.3 80.5
 132 109.3 74.1 137.5
 130 113.5 79.5 147.6





#47
 Tetrachloroethene
 Concen: 1.820 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

Tot Ion:164 Resp: 27814
 Ion Ratio Lower Upper
 164 100
 129 80.3 62.2 115.4
 131 82.5 61.5 114.1
 166 120.1 89.1 165.5

