

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009434.D
 Acq On : 28 Feb 2019 19:57
 Operator : SY/MD
 Sample : K1599-13
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJZ7

Quant Time: Mar 01 04:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:49:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96361	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22835	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	21246	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	43197	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.96	46	49368	51.72	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.41	84	48256	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	24733	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	99453	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	30339	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	98918	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	12019	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	46299	53.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22652	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	35162	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

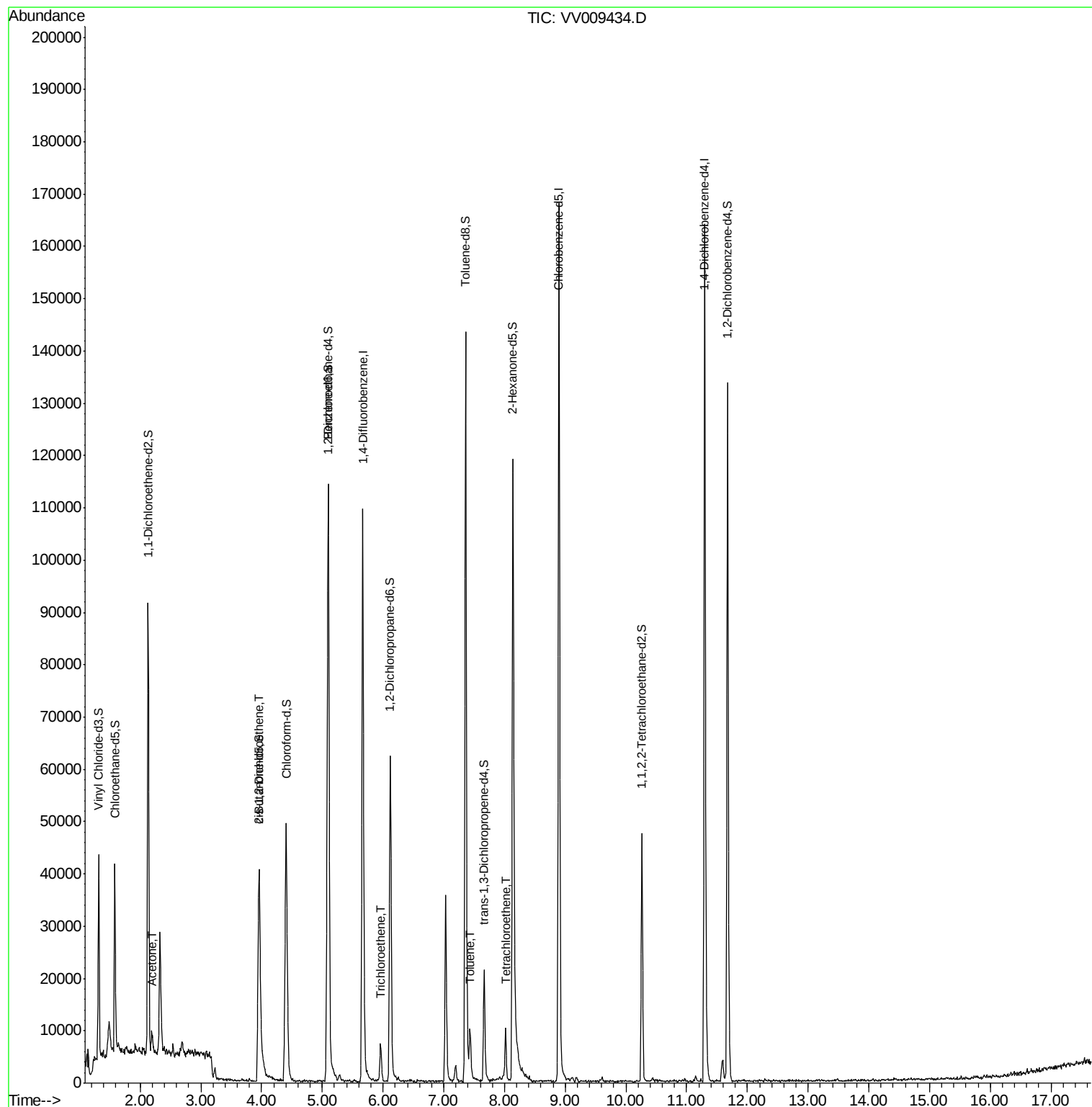
					Ovalue
13) Acetone	2.20	43	3323	3.665 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	6110	0.957 ug/L	95
34) Trichloroethene	5.96	95	2695	0.395 ug/L	83
42) Toluene	7.43	91	6555	0.238 ug/L	97
47) Tetrachloroethene	8.02	164	1788	0.334 ug/L	87

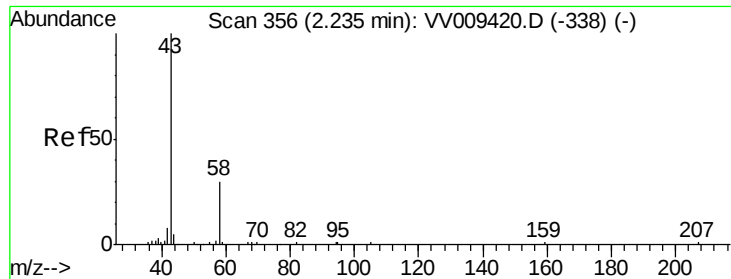
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.665 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV009434.D

Acq: 28 Feb 2019 19:57

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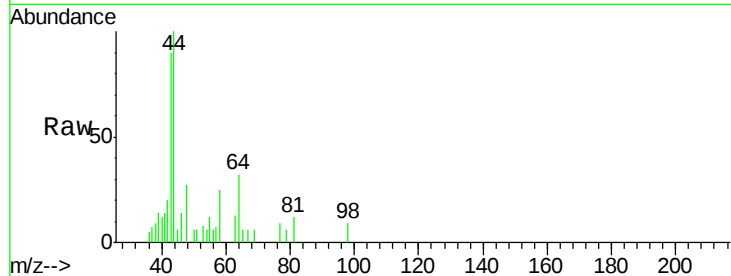
CWJZ7

Tot Ion: 43 Resp: 3323

Ion Ratio Lower Upper

43 100

58 24.4 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2000

1500

1000

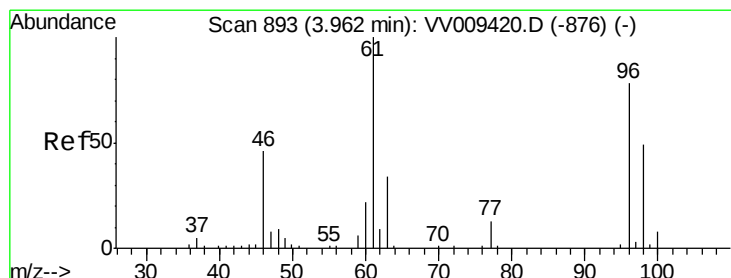
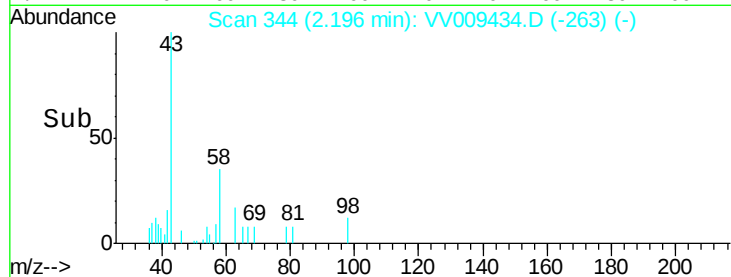
500

0

Time-->

2.15 2.20 2.25

2.20



#22

cis-1,2-Dichloroethene

Concen: 0.957 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

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Acq: 28 Feb 2019 19:57

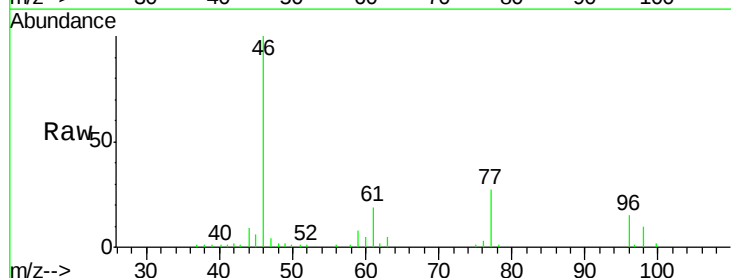
Tgt Ion: 96 Resp: 6110

Ion Ratio Lower Upper

96 100

61 128.6 86.0 159.8

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

4000

3000

2000

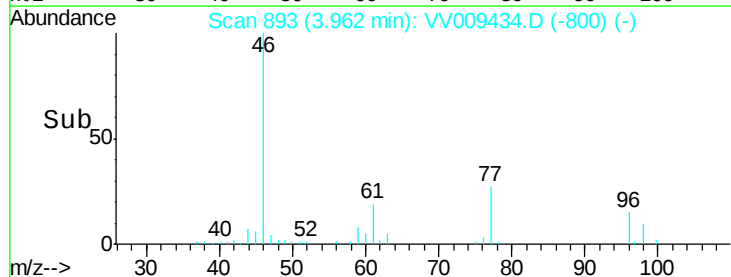
1000

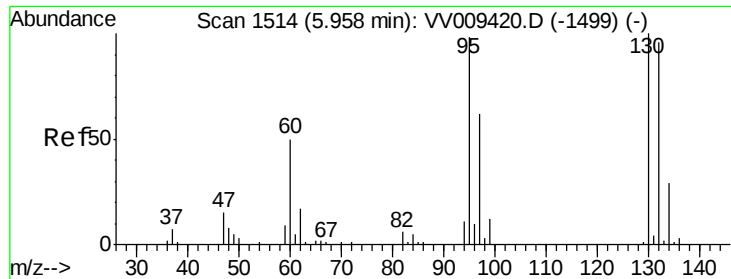
0

Time-->

3.90 3.95 4.00

3.96

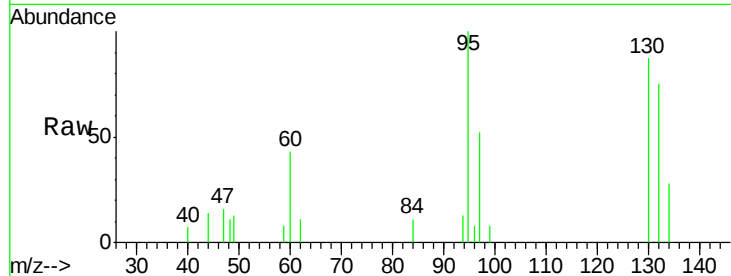




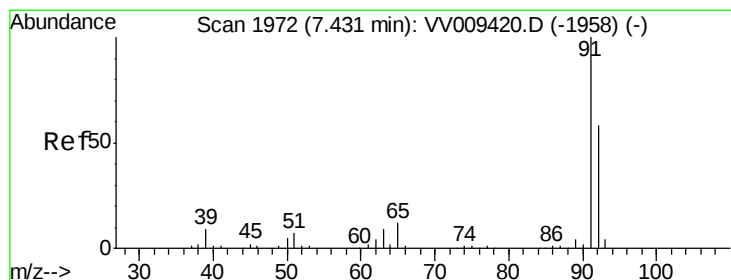
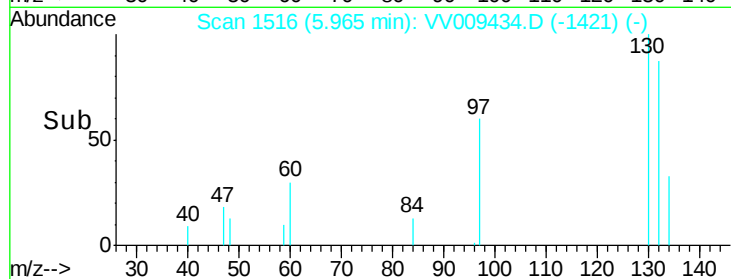
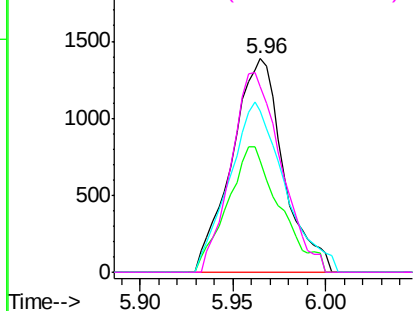
#34
 Trichloroethene
 Concen: 0.395 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV009434.D
 Acq: 28 Feb 2019 19:57

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJZ7

Tot Ion: 95 Resp: 2695
 Ion Ratio Lower Upper
 95 100
 97 51.8 44.2 82.2
 132 75.4 67.8 126.0
 130 87.0 70.4 130.8

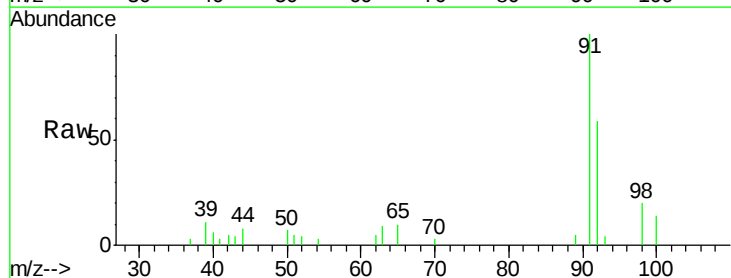


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

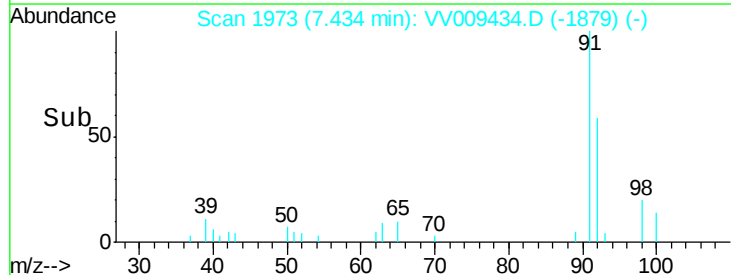
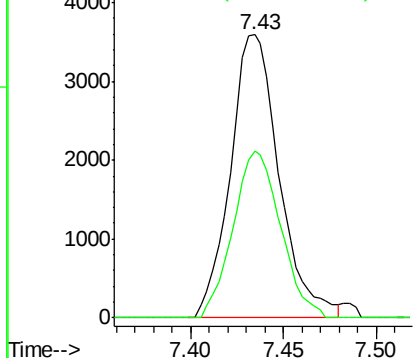


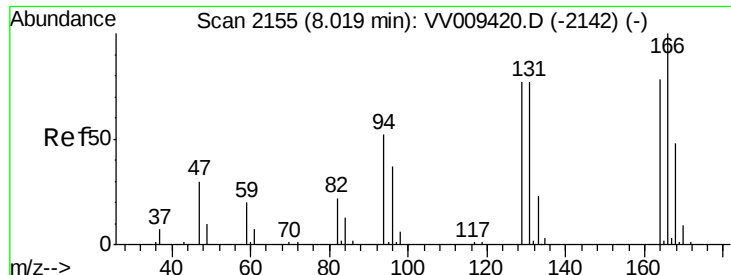
#42
 Toluene
 Concen: 0.238 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009434.D
 Acq: 28 Feb 2019 19:57

Tgt Ion: 91 Resp: 6555
 Ion Ratio Lower Upper
 91 100
 92 58.8 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.334 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009434.D

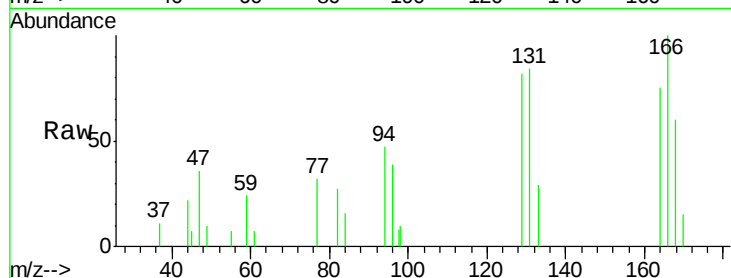
Acq: 28 Feb 2019 19:57

Instrument :

MSVOA_V

ClientSampleId :

CWJZ7



Tot Ion:164 Resp: 1788

Ion Ratio Lower Upper

164 100

129 109.8 69.3 128.7

131 111.7 64.0 118.8

166 133.2 86.0 159.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

