

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011391.D
 Acq On : 11 Jun 2019 13:33
 Operator : SY/MD
 Sample : K3291-02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8G1

Quant Time: Jun 12 03:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:48:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145891	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35809	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.55	69	33900	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.12	63	59548	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	3.94	46	125134	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.39	84	82221	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	47343	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.09	84	159661	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.12	67	51546	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	136287	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.66	79	13630	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	8.13	63	93658	46.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36660	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46086	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

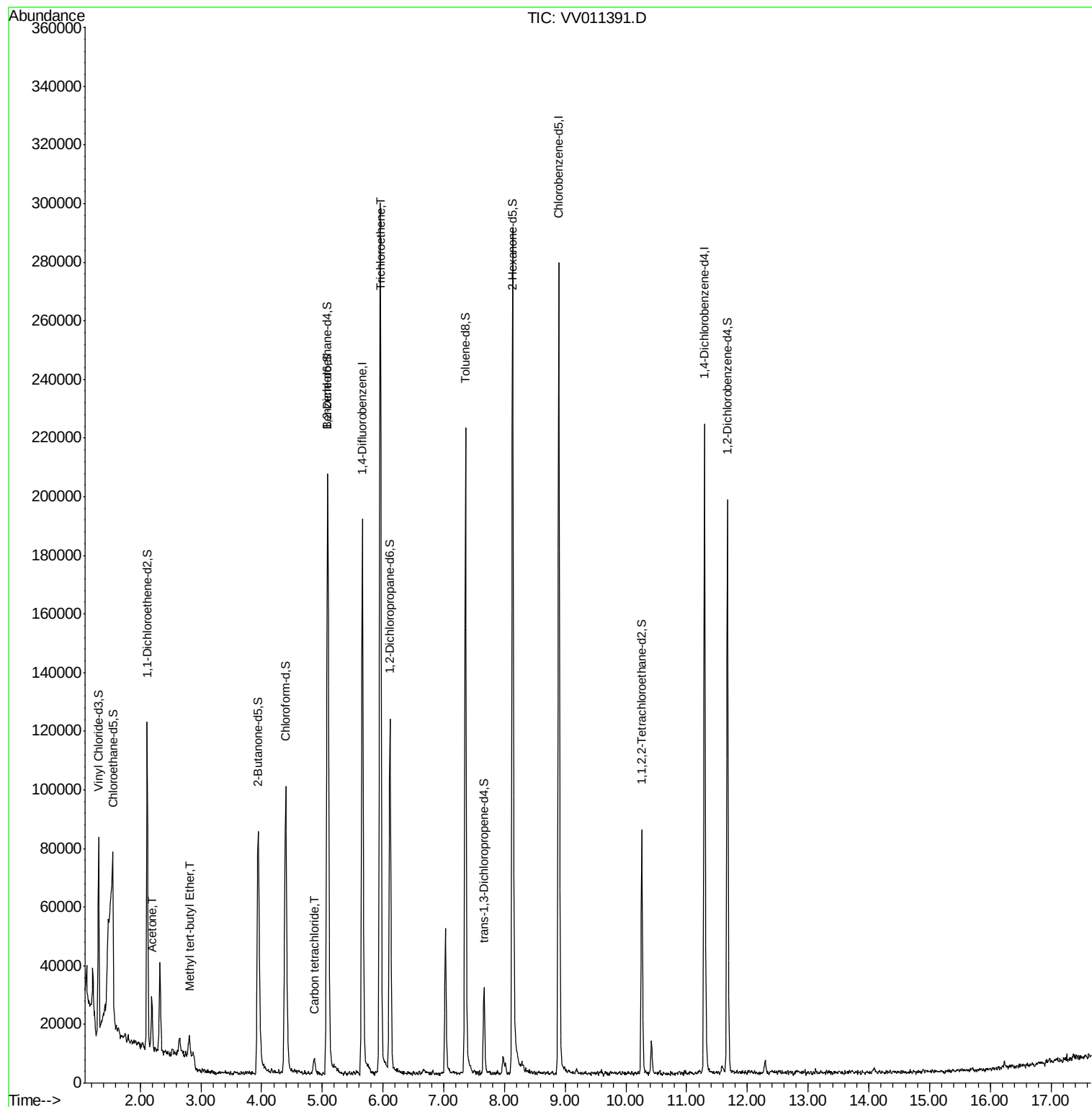
					Ovalue
13) Acetone	2.19	43	8438	5.057 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	5970	0.243 ug/L #	88
31) Carbon tetrachloride	4.87	117	3673	0.255 ug/L	95
34) Trichloroethene	5.96	95	98075	8.842 ug/L	99

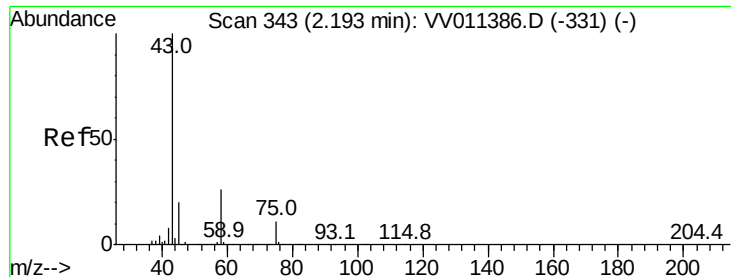
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.057 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

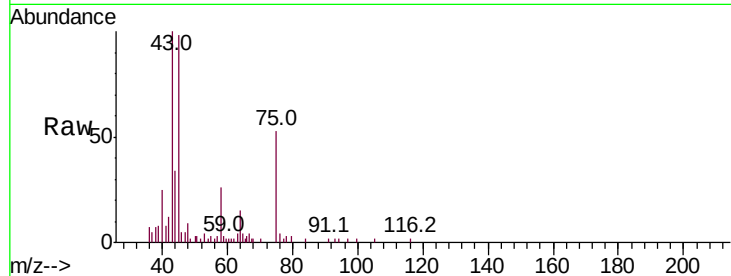
DB8G1

Tot Ion: 43 Resp: 8438

Ion Ratio Lower Upper

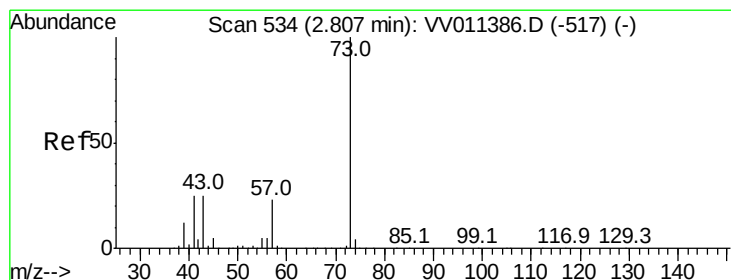
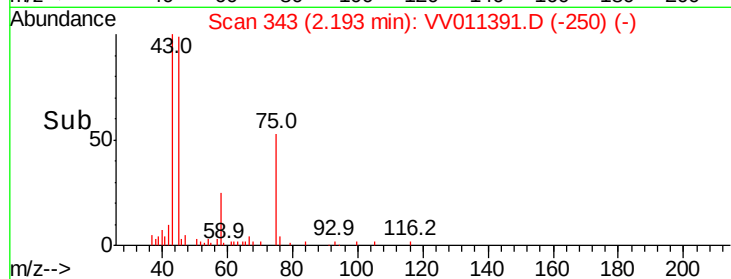
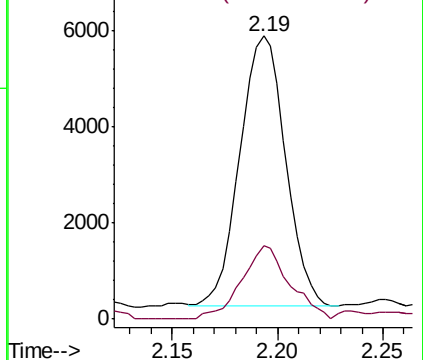
43 100

58 28.5 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 0.243 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

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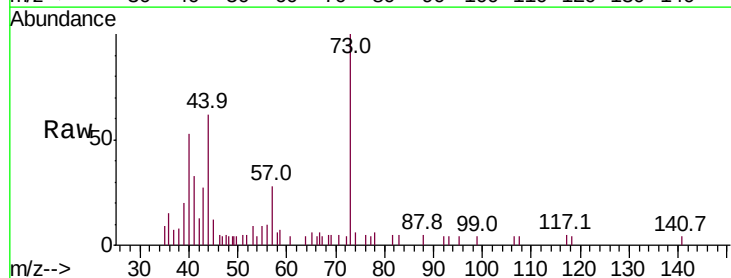
Tgt Ion: 73 Resp: 5970

Ion Ratio Lower Upper

73 100

43 21.1 18.7 28.1

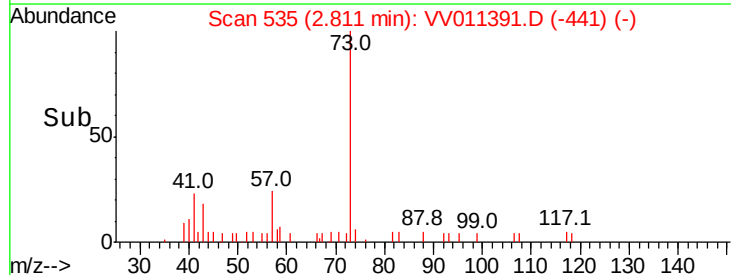
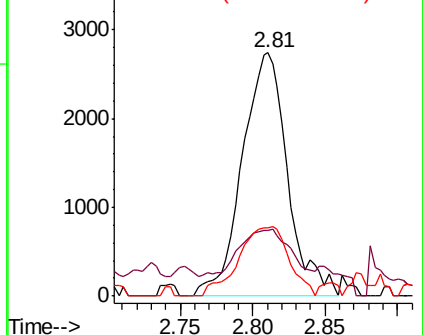
57 31.7 18.1 27.1#

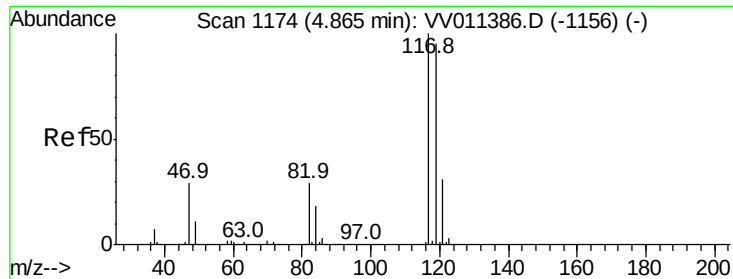


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#31

Carbon tetrachloride

Concen: 0.255 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

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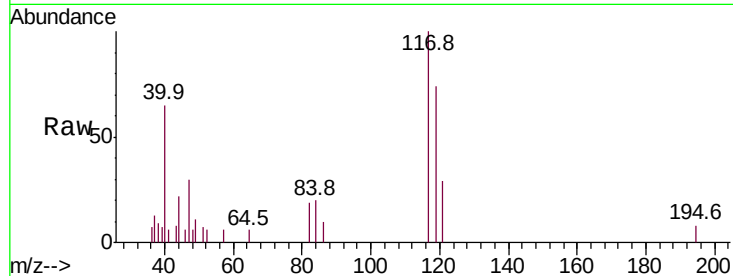
DB8G1

Tot Ion:117 Resp: 3673

Ion Ratio Lower Upper

117 100

119 92.5 77.9 116.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.87

1500

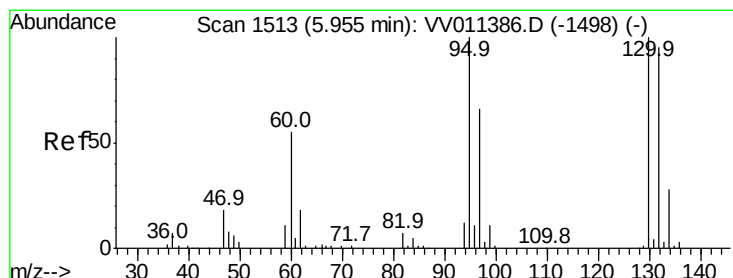
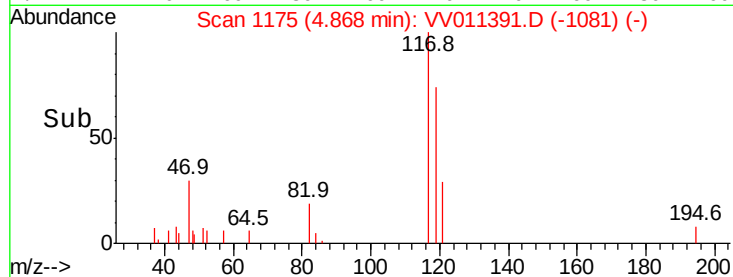
1000

500

0

4.85 4.90

Time-->



#34

Trichloroethene

Concen: 8.842 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 98075

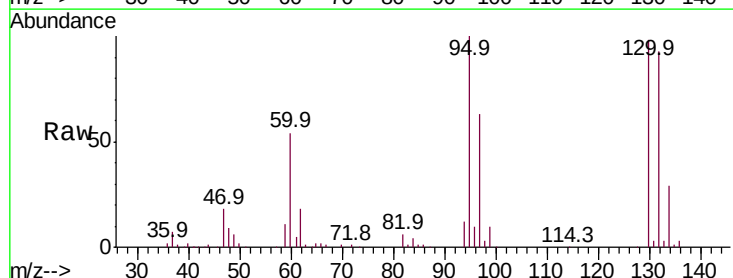
Ion Ratio Lower Upper

95 100

97 63.5 45.8 85.2

132 93.1 66.4 123.2

130 97.8 68.3 126.8



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): V

Ion 129.95 (129.65 to 130.65): V

80000

60000

40000

20000

0

5.85 5.90 5.95 6.00 6.05

Time-->

