

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007309.D
 Acq On : 31 Aug 2018 18:42
 Operator : SY/MD
 Sample : J4695-01DL 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE41DL

Quant Time: Sep 01 00:51:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	602951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	574550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	211128	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161475	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.58	69	107022	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.28%
11) 1,1-Dichloroethene-d2	2.13	63	225916	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.80%
21) 2-Butanone-d5	3.96	46	260864	88.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.53%
24) Chloroform-d	4.41	84	346898	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.09	65	217488	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
32) Benzene-d6	5.11	84	706469	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.12	67	236891	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.37	98	579858	42.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.67	79	93758	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.12%
47) 2-Hexanone-d5	8.14	63	166620	87.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.35%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	309990	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	208976	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

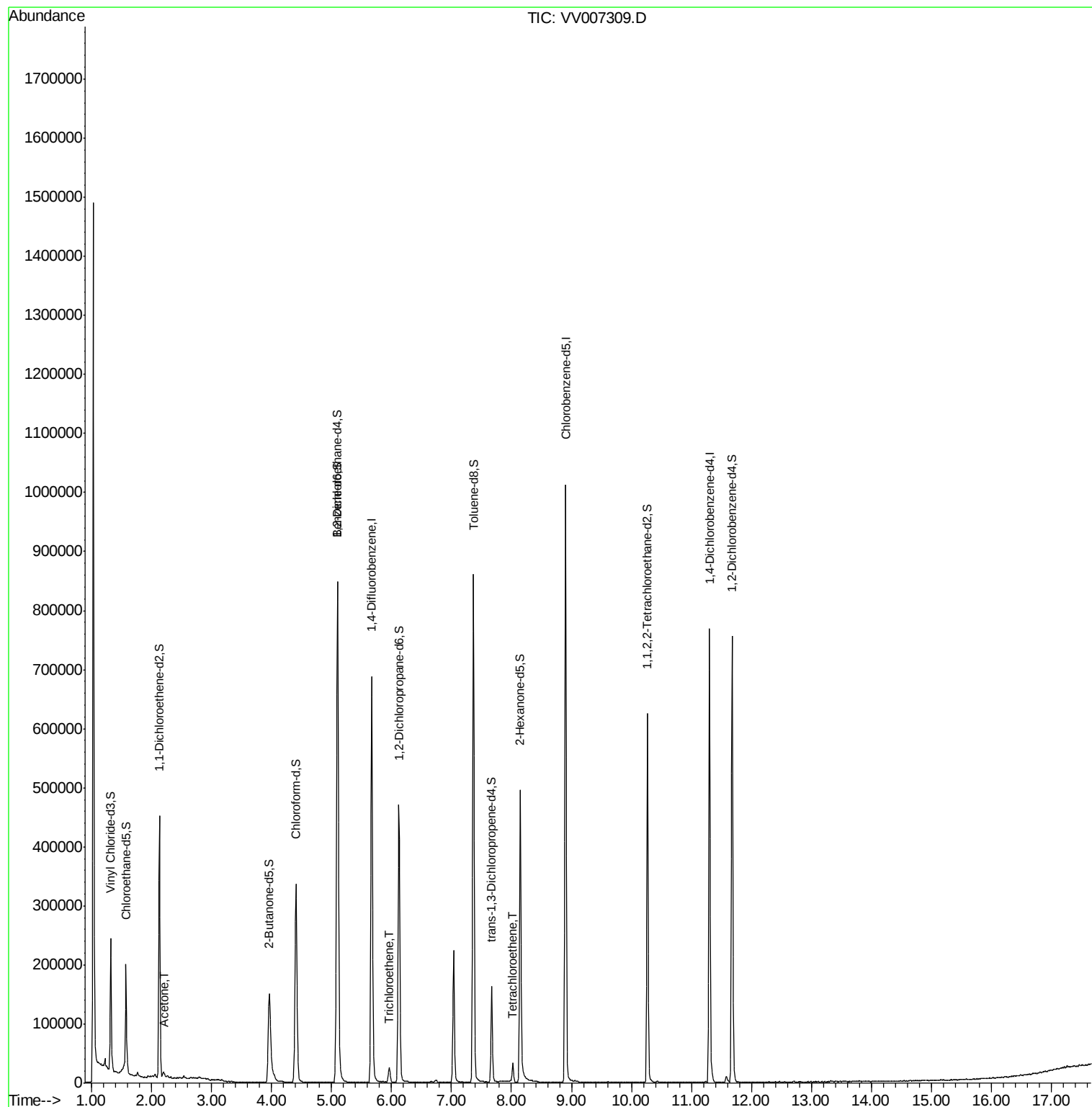
Target Compounds					Ovalue
13) Acetone	2.21	43	6377	2.51 ug/L	93
34) Trichloroethene	5.97	95	7625	1.81 ug/L	92
46) Tetrachloroethene	8.02	164	7682	2.17 ug/L	92

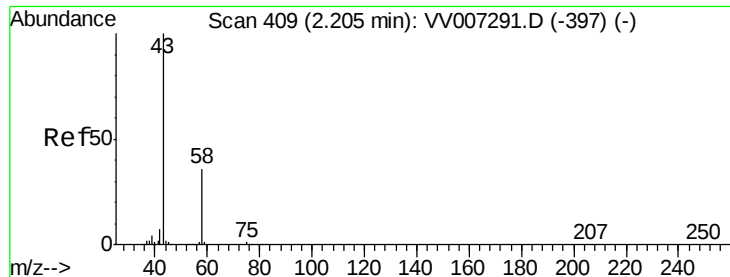
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.51 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

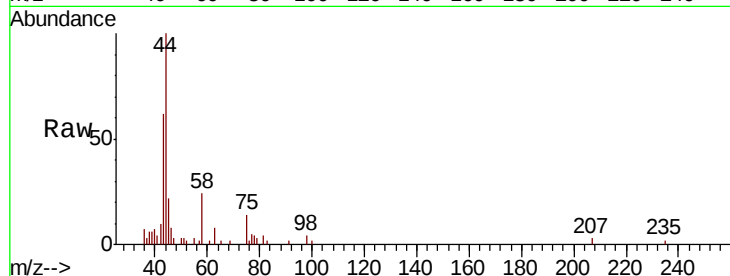
BEE41DL

Tot Ion: 43 Resp: 6377

Ion Ratio Lower Upper

43 100

58 40.2 0.0 72.2



Abundance Ion 43.00 (42.70 to 43.70): VV007291.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VV007291.D (-397) (-)

2.21

4000

3000

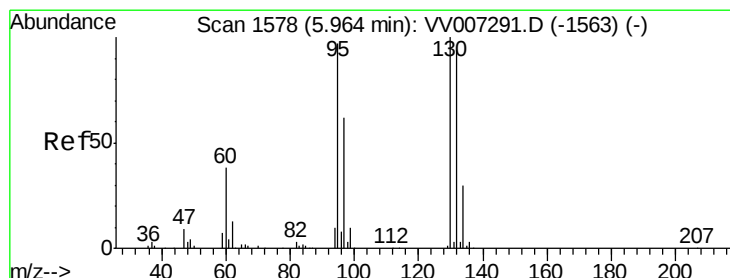
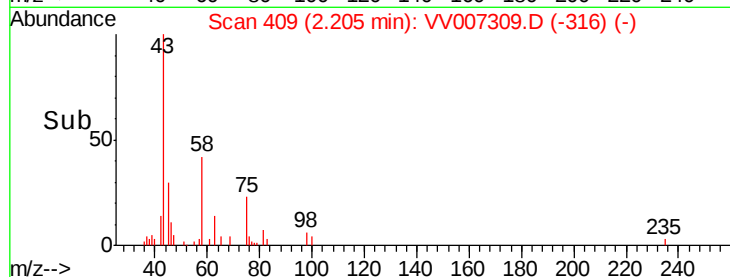
2000

1000

0

Time-->

2.15 2.20 2.25



#34

Trichloroethene

Concen: 1.81 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 18:42

Tgt Ion: 95 Resp: 7625

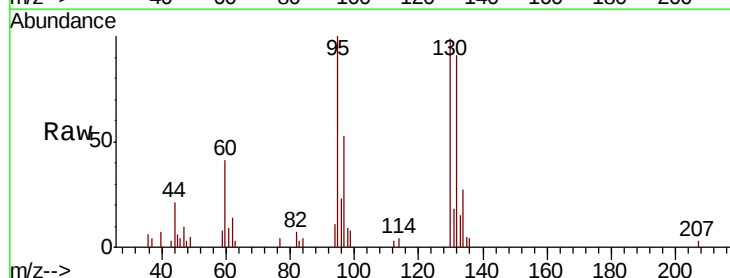
Ion Ratio Lower Upper

95 100

97 53.0 45.1 83.9

132 91.2 68.3 126.9

130 98.5 72.4 134.5



Abundance Ion 95.00 (94.70 to 95.70): VV007291.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VV007291.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VV007291.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VV007291.D (-1563) (-)

6000

5000

4000

3000

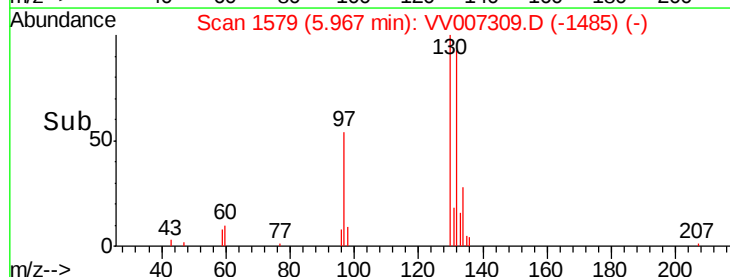
2000

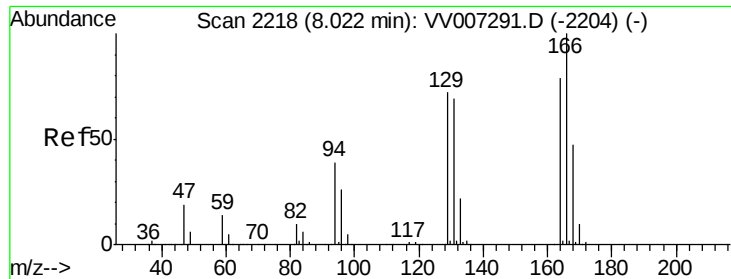
1000

0

Time-->

5.90 5.95 6.00





#46

Tetrachloroethene

Concen: 2.17 ug/L

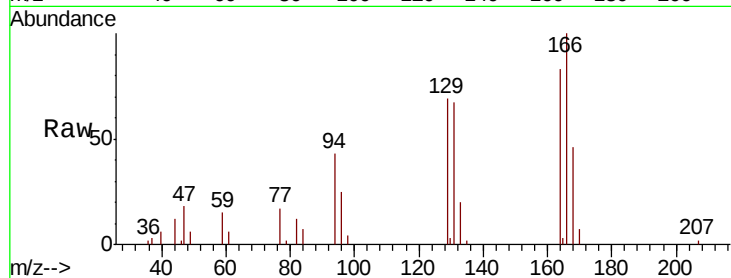
RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 7682

Ion Ratio Lower Upper

164 100

129 83.4 64.5 119.7

131 80.2 61.2 113.8

166 120.1 89.1 165.5

