

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004085.D
 Acq On : 20 Jul 2018 18:52
 Operator : SY/AP
 Sample : J4037-13
 Misc : 5.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY55

Quant Time: Jul 21 06:16:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	116770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55443	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	2.89	69	40992	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	4.00	63	95483	13.39	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	72167	41.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.78%
24) Chloroform-d	7.65	84	152213	21.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.32%
26) 1,2-Dichloroethane-d4	8.31	65	93914	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.28	84	264956	19.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.68%
33) 1,2-Dichloropropane-d6	9.28	67	95624	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.20%
37) Toluene-d8	10.33	98	222187	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.36%
38) trans-1,3-Dichloropropene-	10.58	79	36134	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.16%
39) 2-Hexanone-d5	10.93	63	50277	42.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	105797	21.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	83272	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

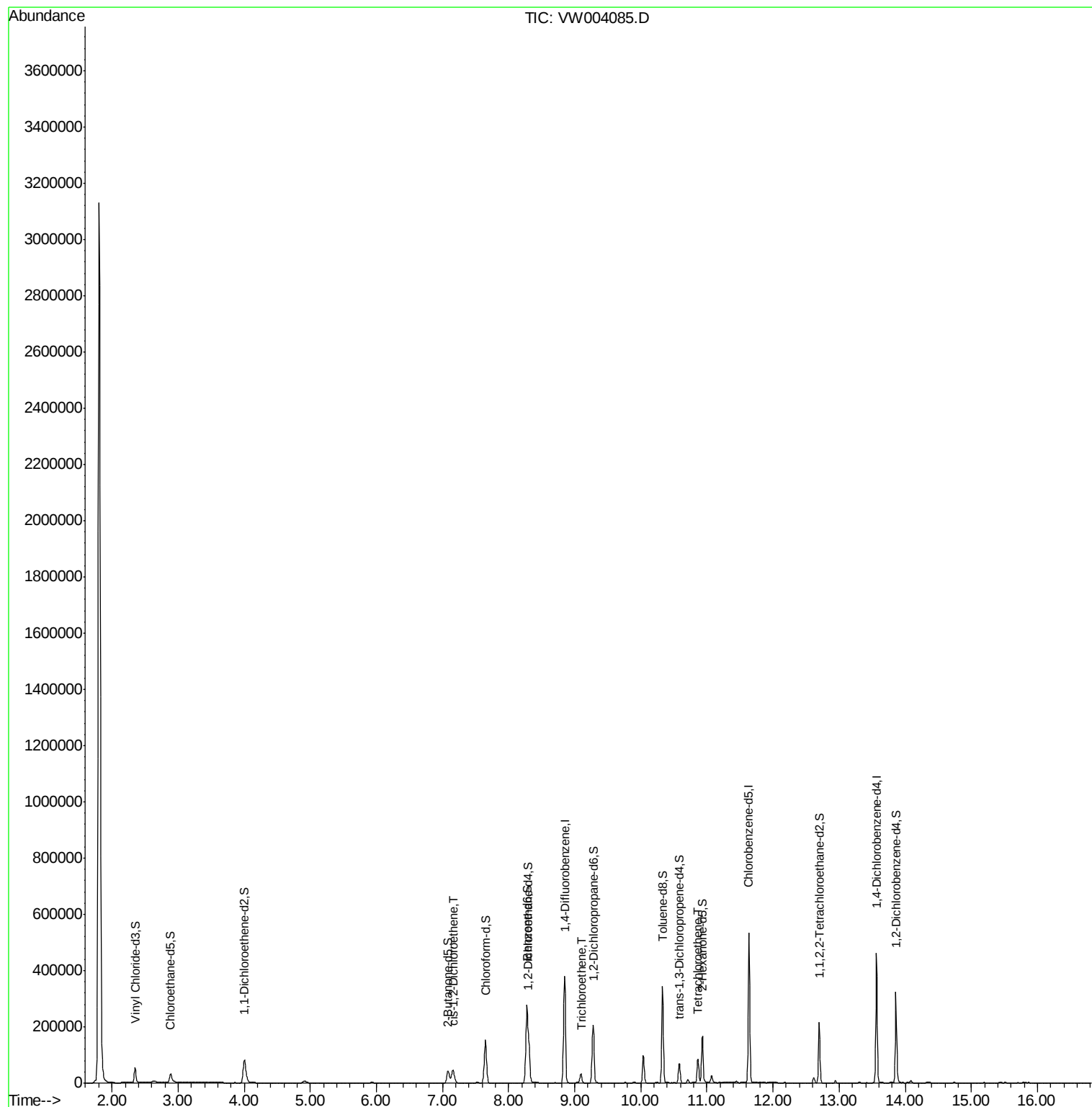
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) cis-1,2-Dichloroethene	7.17	96	13824	3.140	ug/L	89
35) Trichloroethene	9.10	95	10922	2.322	ug/L	97
47) Tetrachloroethene	10.87	164	18884	4.979	ug/L	94

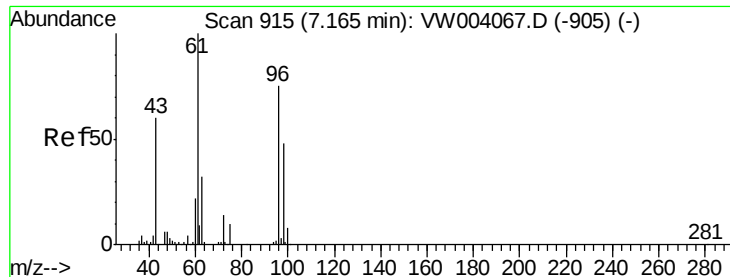
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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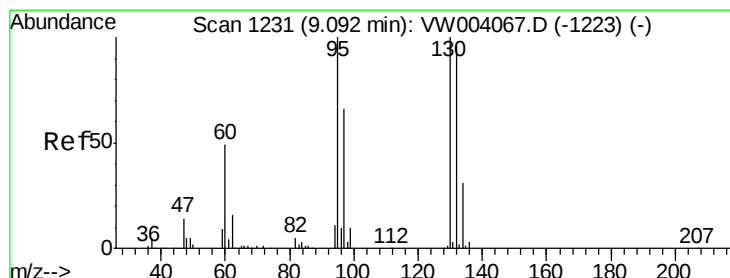
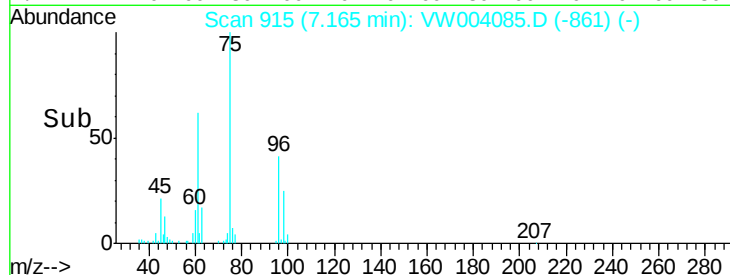
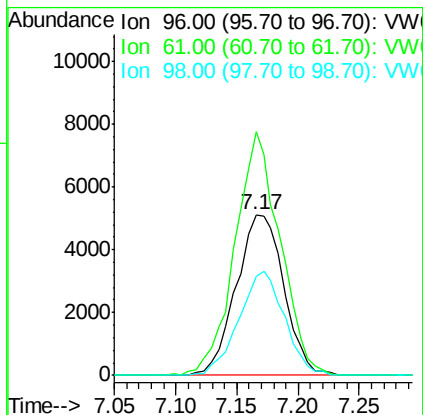
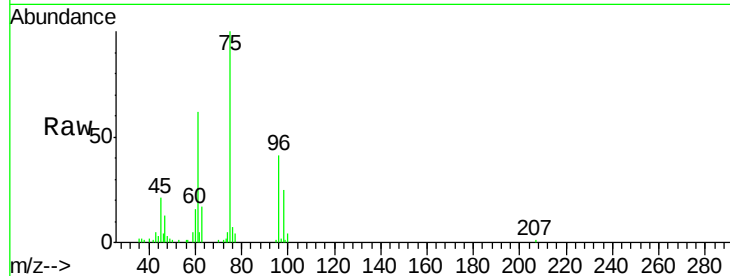


#22

cis-1,2-Dichloroethene
Concen: 3.140 ug/L
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004085.D
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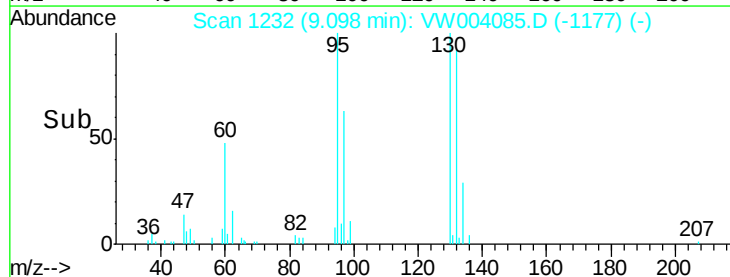
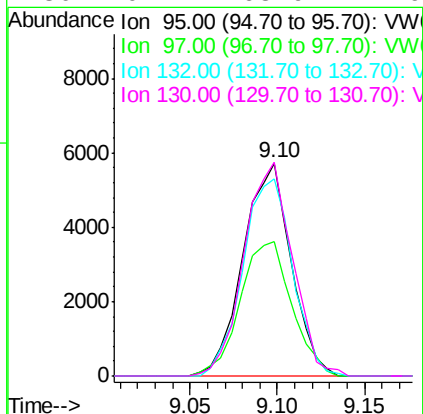
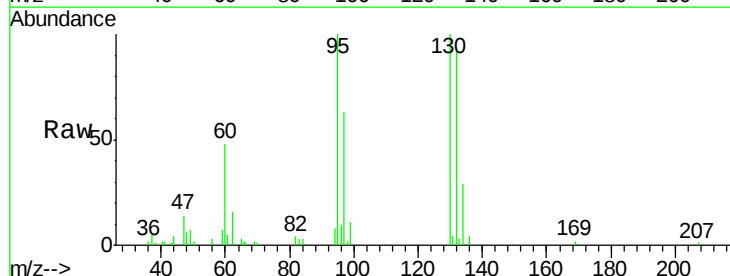
Tgt Ion: 96 Resp: 13824
Ion Ratio Lower Upper
96 100
61 151.7 92.5 171.9
98 61.9 43.0 80.0

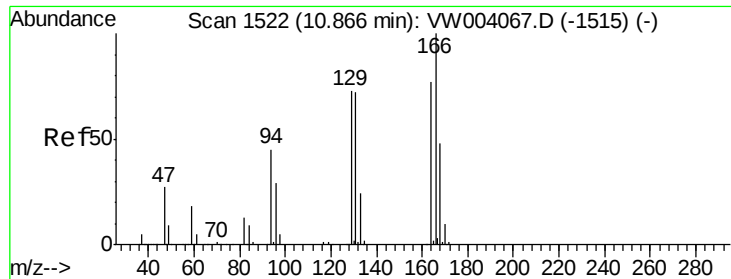


#35

Trichloroethene
Concen: 2.322 ug/L
RT: 9.10 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VW004085.D
Acq: 20 Jul 2018 18:52

Tgt Ion: 95 Resp: 10922
Ion Ratio Lower Upper
95 100
97 67.8 44.7 83.1
132 96.2 66.1 122.7
130 101.4 68.9 127.9





#47

Tetrachloroethene

Concen: 4.979 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004085.D

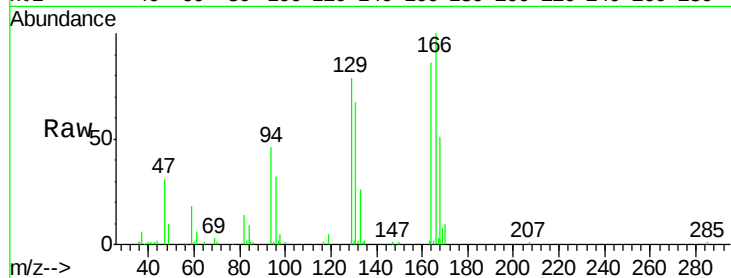
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Tgt Ion:164 Resp: 18884

Ion Ratio Lower Upper

164 100

129 90.9 63.1 117.3

131 77.7 62.8 116.6

166 115.7 84.6 157.2

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

