

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004042.D
 Acq On : 19 Jul 2018 18:12
 Operator : VA/AP
 Sample : J4037-03
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY46

Quant Time: Jul 20 06:43:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	289258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255556	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	83897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64299	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
7) Chloroethane-d5	2.89	69	49805	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
10) 1,1-Dichloroethene-d2	4.00	63	110424	16.09	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.36%
20) 2-Butanone-d5	7.09	46	68263	40.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.38%
24) Chloroform-d	7.65	84	177077	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.31	65	108742	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	309033	26.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
33) 1,2-Dichloropropane-d6	9.28	67	113057	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.33	98	251602	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
38) trans-1,3-Dichloropropene-	10.58	79	38840	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	10.93	63	46903	44.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111832	25.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	78376	29.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.20%

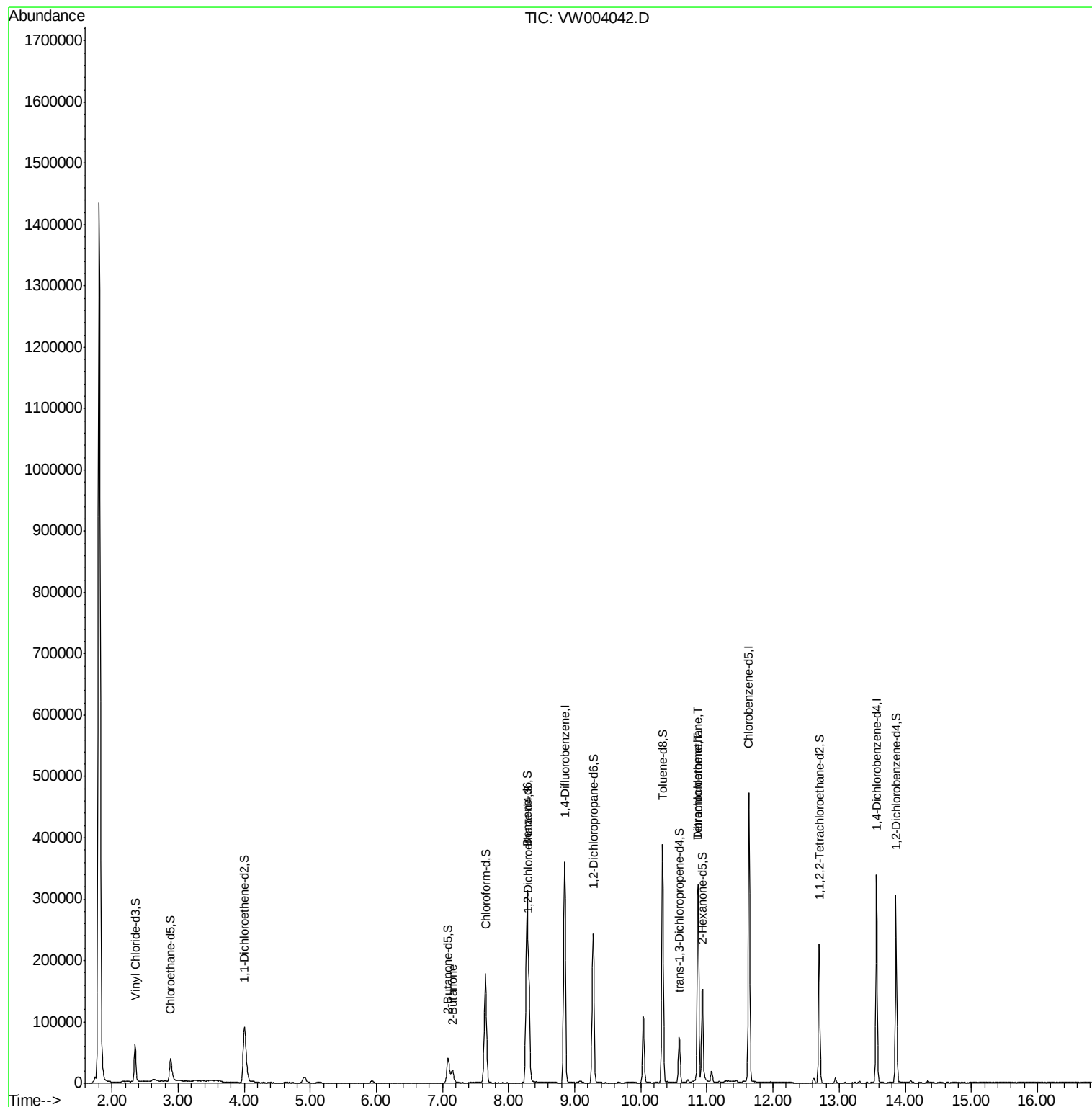
Target Compounds					Qvalue
21) 2-Butanone	7.15	43	7674	3.391 ug/L #	53
47) Tetrachloroethene	10.87	164	73062	21.614 ug/L	96
50) Dibromochloromethane	10.87	129	69445	18.783 ug/L #	9

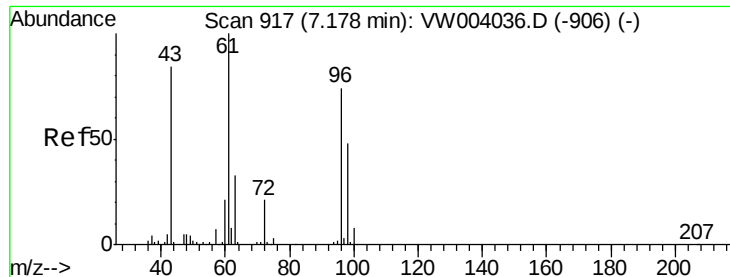
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.391 ug/L

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004042.D

Acq: 19 Jul 2018 18:12

Instrument :

MSVOA_W

ClientSampled :

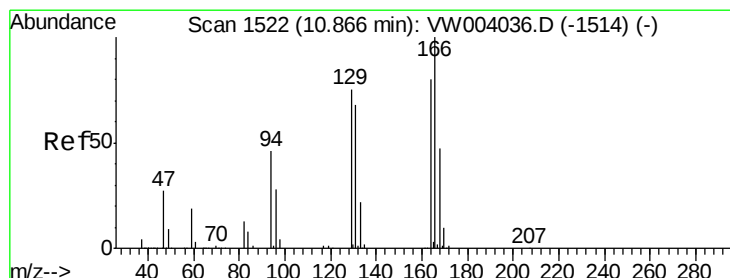
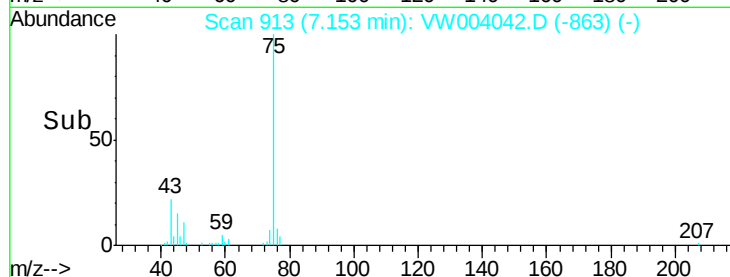
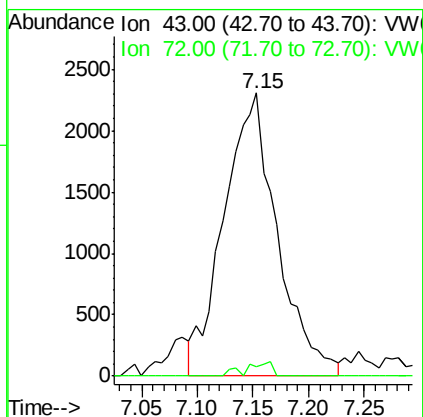
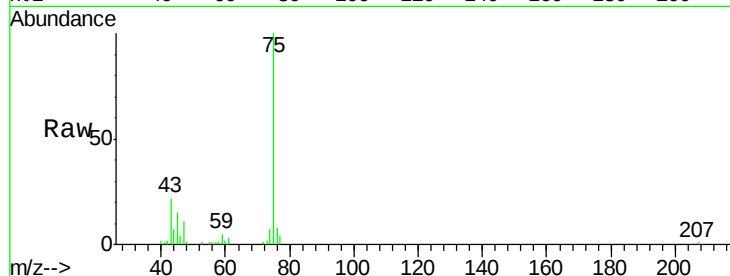
BEY46

Tgt Ion: 43 Resp: 7674

Ion Ratio Lower Upper

43 100

72 0.9 12.1 36.3#



#47

Tetrachloroethene

Concen: 21.614 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 73062

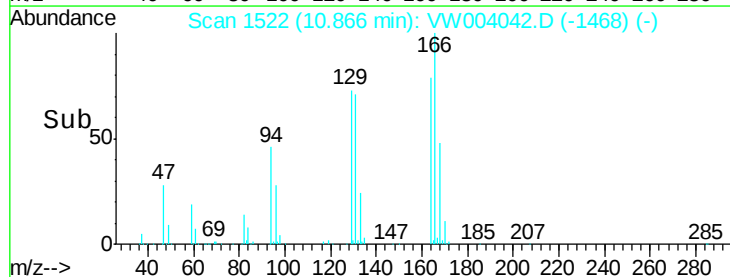
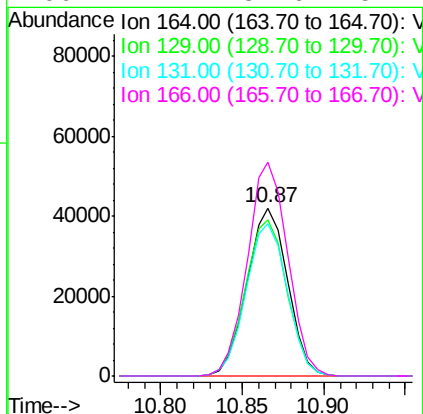
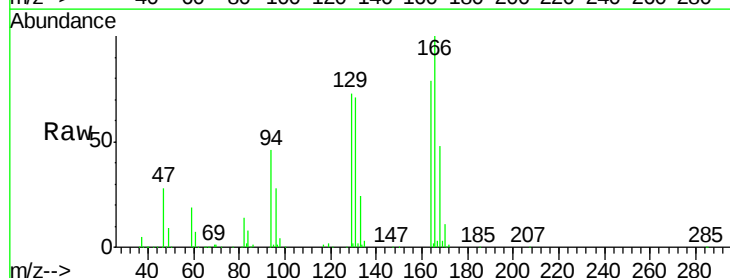
Ion Ratio Lower Upper

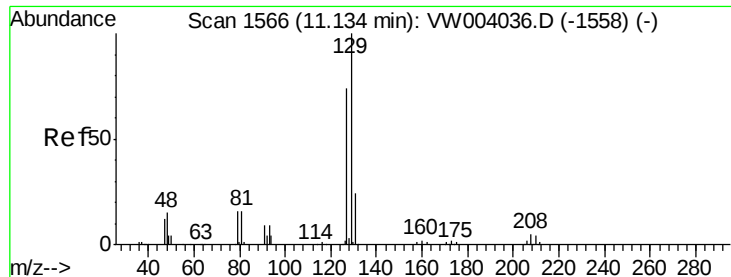
164 100

129 93.2 63.1 117.3

131 90.8 62.8 116.6

166 127.2 84.6 157.2





#50

Dibromochloromethane

Concen: 18.783 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

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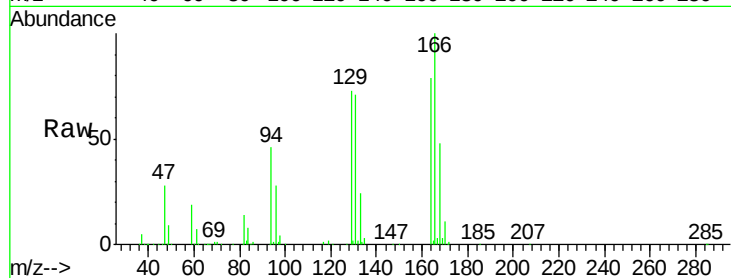
BEY46

Tgt Ion:129 Resp: 69445

Ion Ratio Lower Upper

129 100

127 0.1 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

