

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072518\
 Data File : VW004192.D
 Acq On : 25 Jul 2018 11:43
 Operator : SY/AP
 Sample : J4040-15
 Misc : 6.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE6

Quant Time: Jul 26 00:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 26 00:50:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319330	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	141060	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51981	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
7) Chloroethane-d5	2.89	69	42441	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
10) 1,1-Dichloroethene-d2	4.00	63	99223	13.09	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.36%
20) 2-Butanone-d5	7.09	46	80178	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
24) Chloroform-d	7.65	84	182903	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.31	65	114496	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	319414	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.27	67	120666	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.16%
37) Toluene-d8	10.33	98	267057	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.00%
38) trans-1,3-Dichloropropene-	10.58	79	42642	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.32%
39) 2-Hexanone-d5	10.93	63	56732	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132241	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	120725	26.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.48%

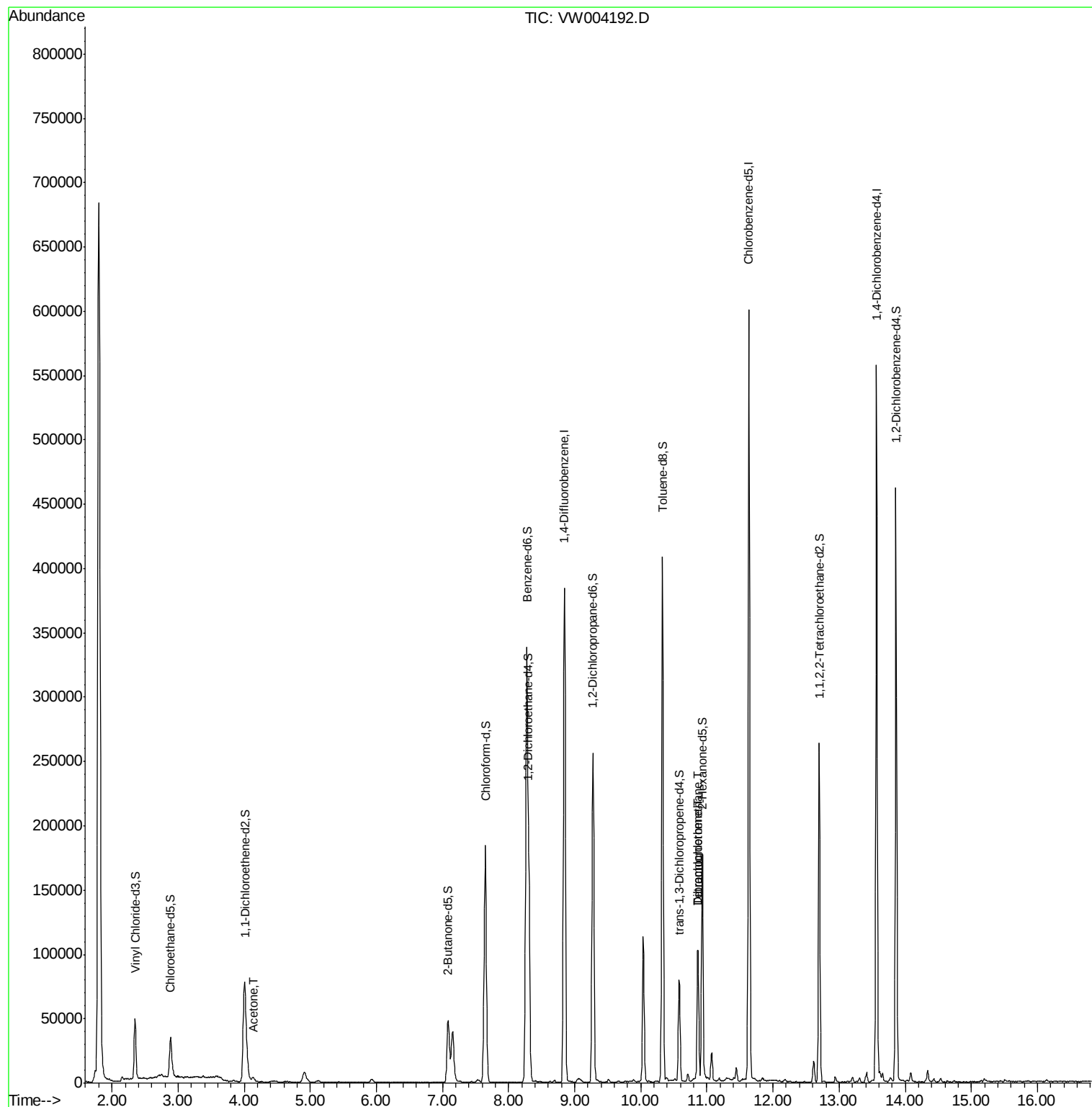
Target Compounds					Qvalue
13) Acetone	4.13	43	4612	2.290 ug/L	74
47) Tetrachloroethene	10.87	164	23400	5.453 ug/L	92
50) Dibromochloromethane	10.87	129	22153	4.720 ug/L #	9

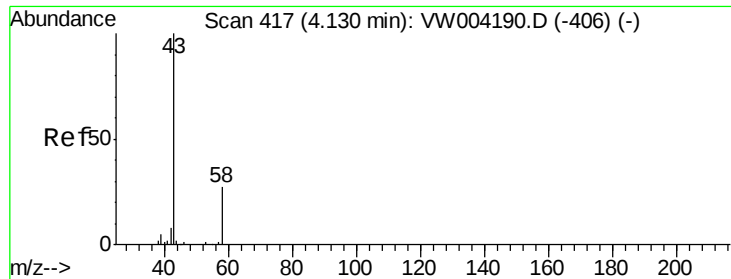
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.290 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.00 min

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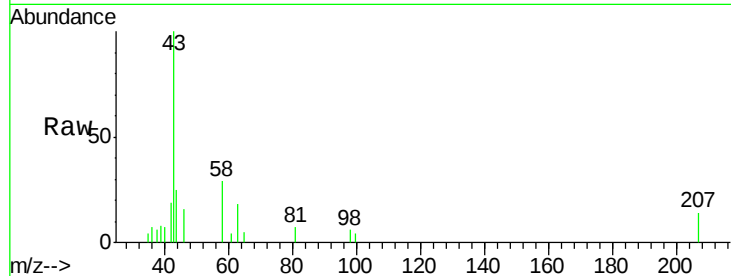
C0AE6

Tgt Ion: 43 Resp: 4612

Ion Ratio Lower Upper

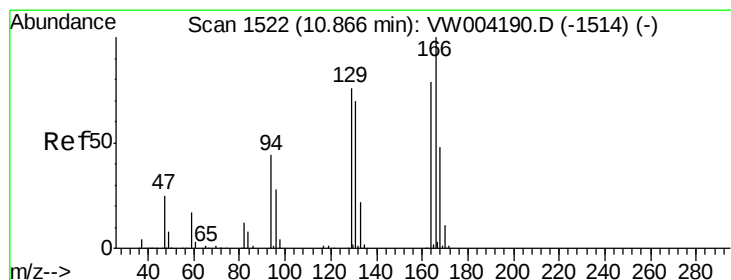
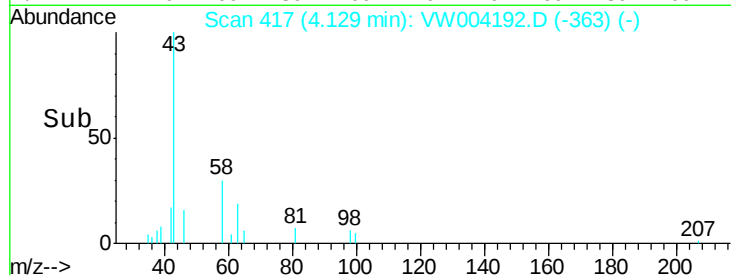
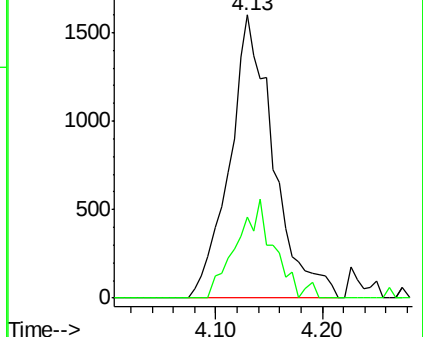
43 100

58 15.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#47

Tetrachloroethene

Concen: 5.453 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004192.D

Acq: 25 Jul 2018 11:43

Tgt Ion: 164 Resp: 23400

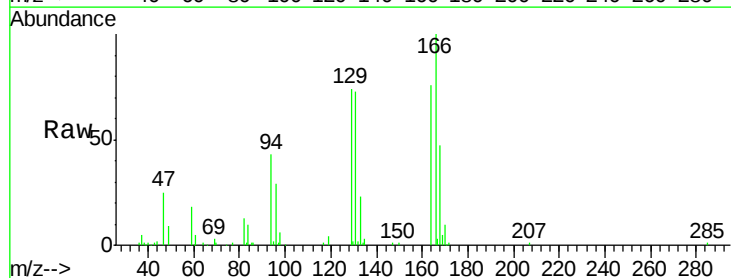
Ion Ratio Lower Upper

164 100

129 97.1 63.1 117.3

131 95.2 62.8 116.6

166 131.2 84.6 157.2

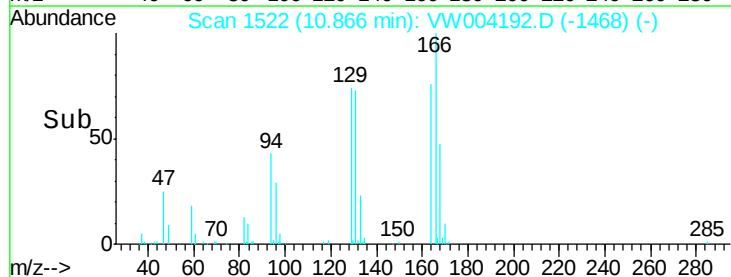
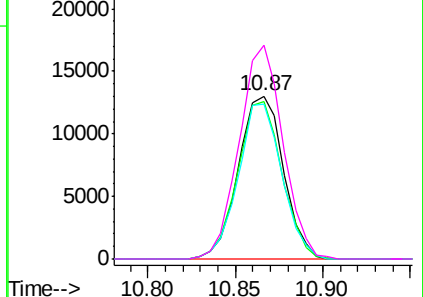


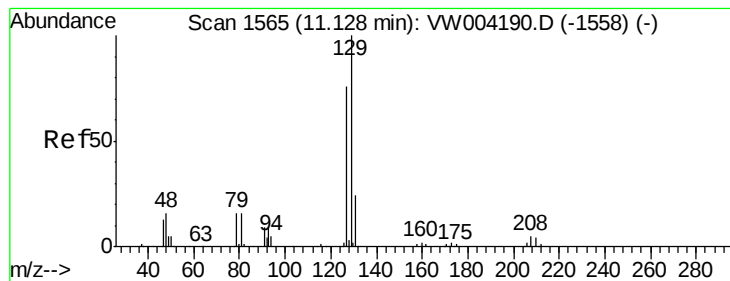
Abundance Ion 164.00 (163.70 to 164.70): V

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





#50

Dibromochloromethane

Concen: 4.720 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

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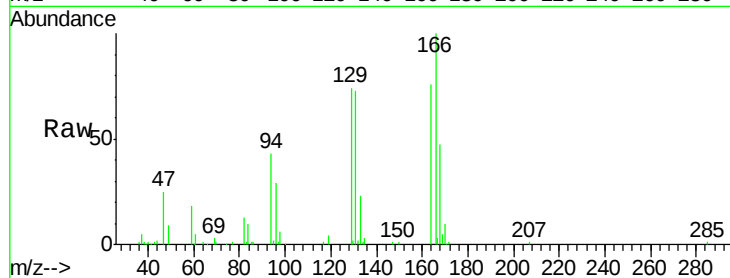
C0AE6

Tgt Ion:129 Resp: 22153

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

