

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005377.D
 Acq On : 14 Sep 2018 03:32
 Operator : SY/AP
 Sample : J4865-14
 Misc : 4.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P2

Quant Time: Sep 14 06:59:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278925	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	259004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	94123	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81295	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
7) Chloroethane-d5	2.89	69	65318	28.70	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.80%
10) 1,1-Dichloroethene-d2	4.03	63	109988	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.09	46	35140	28.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.96%
24) Chloroform-d	7.66	84	162522	31.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.96%
26) 1,2-Dichloroethane-d4	8.32	65	109263	32.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.36%#
29) Benzene-d6	8.28	84	319101	30.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.76%
33) 1,2-Dichloropropane-d6	9.28	67	96318	32.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.80%#
37) Toluene-d8	10.33	98	297611	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	10.59	79	41608	28.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.08%
39) 2-Hexanone-d5	10.93	63	24380	26.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	78816	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	82806	29.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.24%

Target Compounds

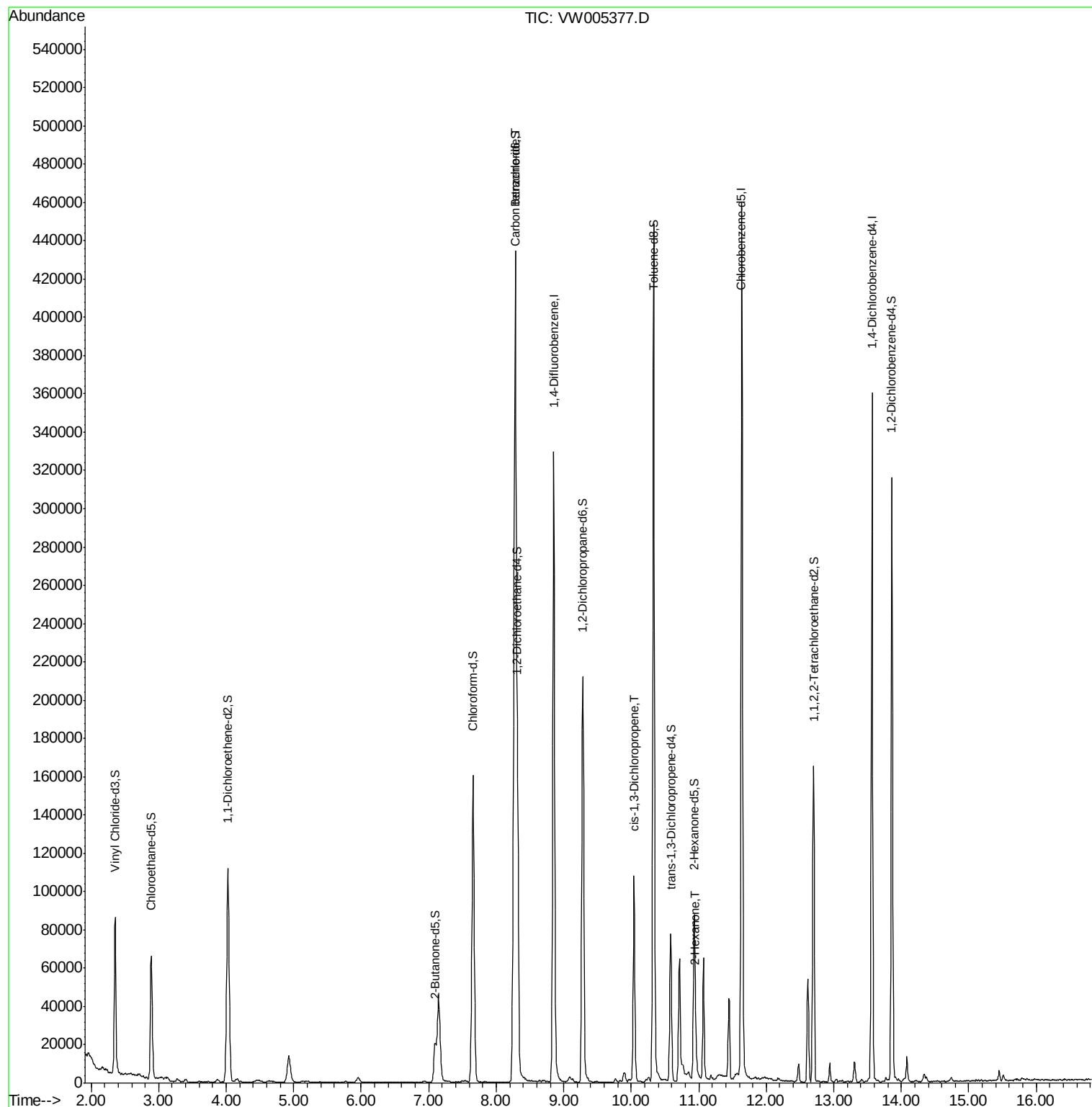
					Qvalue
32) Carbon tetrachloride	8.27	117	3731	0.683 ug/L #	35
42) cis-1,3-Dichloropropene	10.04	75	2951	0.561 ug/L #	64
49) 2-Hexanone	10.96	43	7202	2.876 ug/L #	40

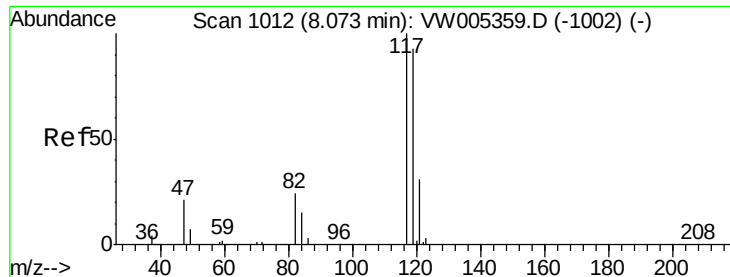
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#32

Carbon tetrachloride

Concen: 0.683 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. 0.20 min

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Instrument :

MSVOA_W

ClientSampleId :

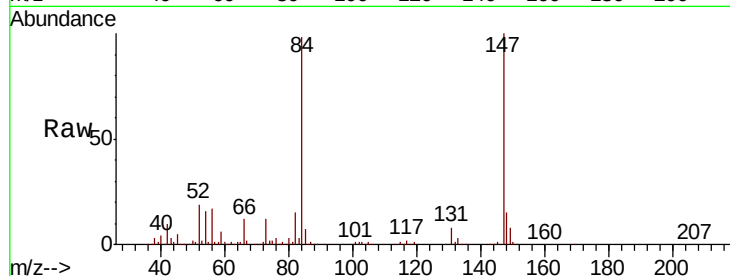
DB3P2

Tgt Ion:117 Resp: 3731

Ion Ratio Lower Upper

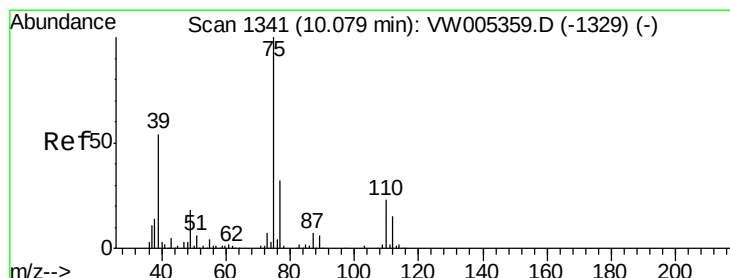
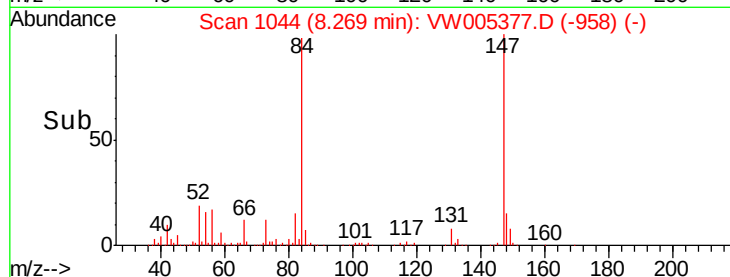
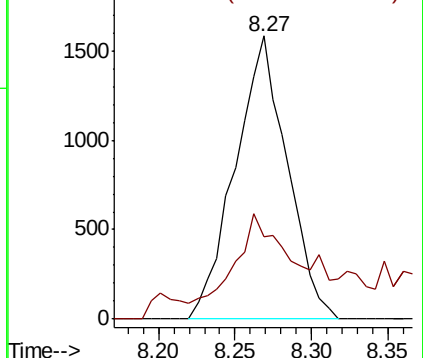
117 100

119 32.9 77.0 115.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

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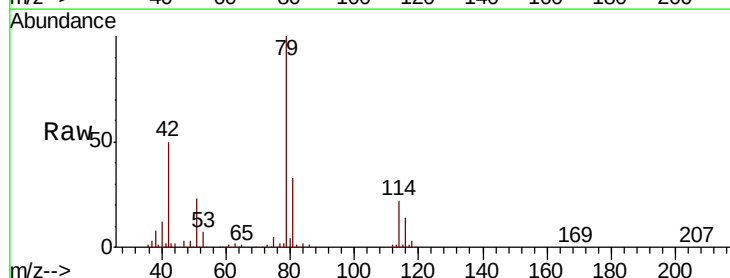
Acq: 14 Sep 2018 03:32

Tgt Ion: 75 Resp: 2951

Ion Ratio Lower Upper

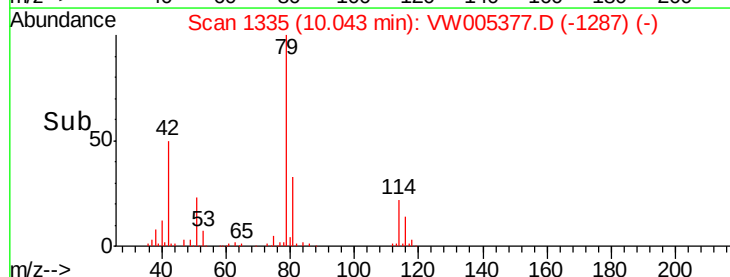
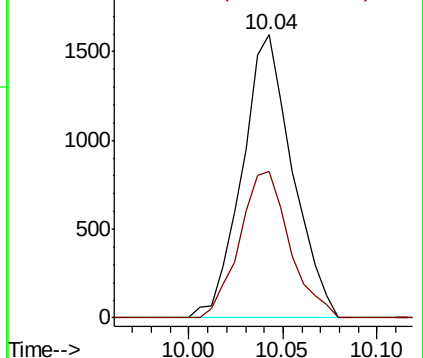
75 100

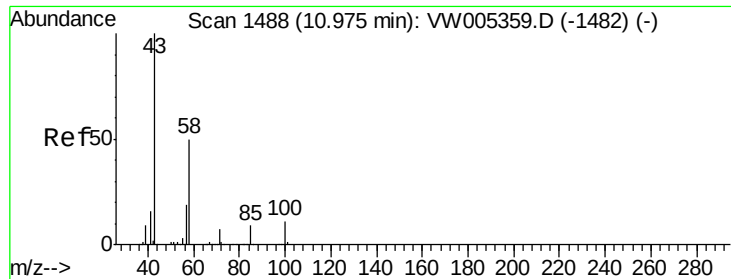
77 51.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.876 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.02 min

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Tgt Ion: 43 Resp: 7202

Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 0.0 15.0 22.6#

100 2.6 8.6 12.8#

