

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017227.D
 Acq On : 15 Nov 2020 10:49
 Operator : SY/VA
 Sample : VW1115SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK31

Quant Time: Nov 16 09:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 09:41:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389637	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116236	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.89	69	99004	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.72%
10) 1,1-Dichloroethene-d2	4.02	63	158672	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.32%
20) 2-Butanone-d5	7.10	46	49498	45.10	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
24) Chloroform-d	7.65	84	239322	26.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	8.31	65	121385	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.28	84	461953	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.27	67	131239	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.32	98	428891	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	52219	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
39) 2-Hexanone-d5	10.93	63	39623	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109587	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	164193	27.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.72%

Target Compounds

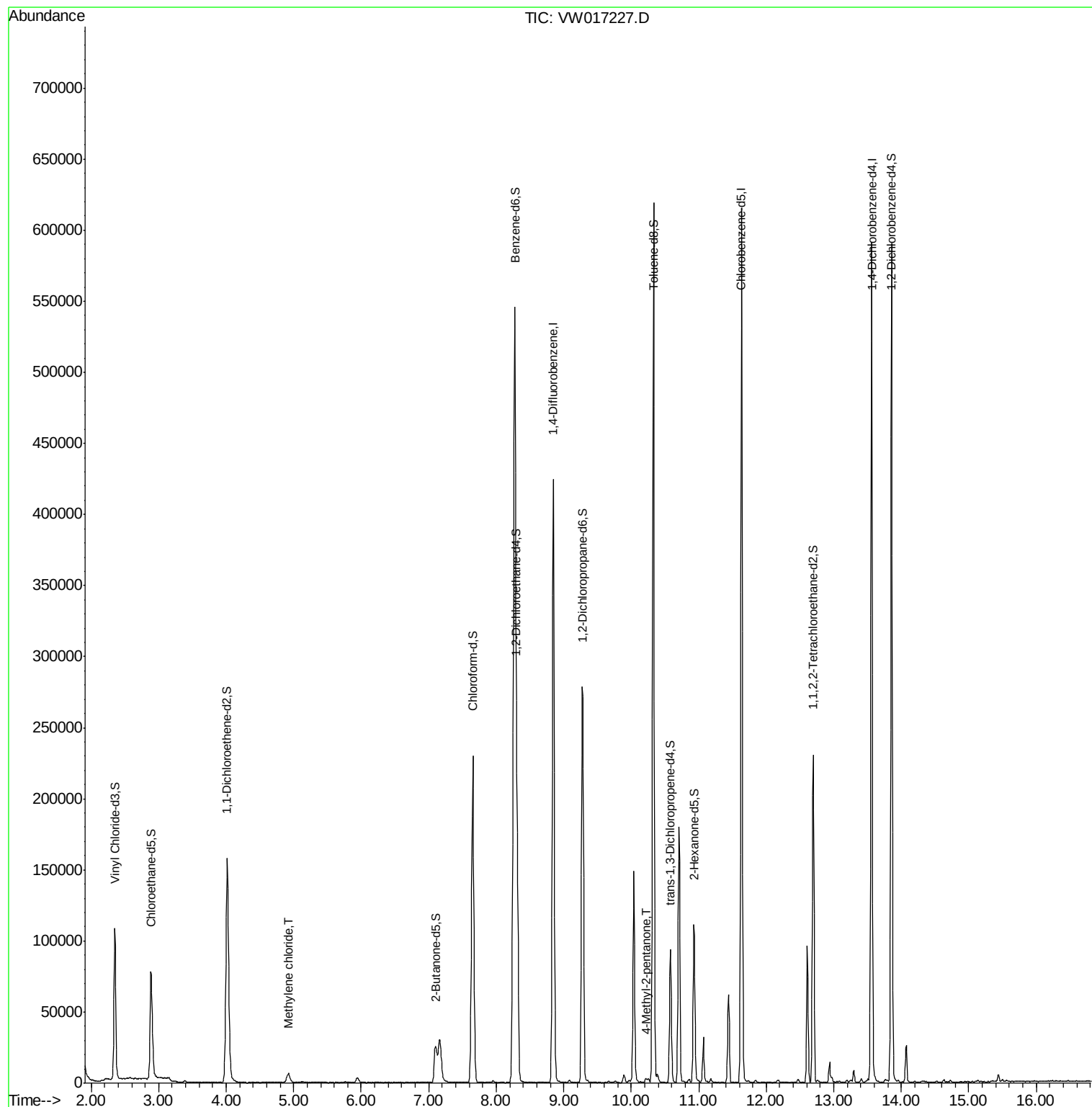
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	5474	1.042	ug/L	78
43) 4-Methyl-2-pentanone	10.21	43	1975	0.732	ug/L	98

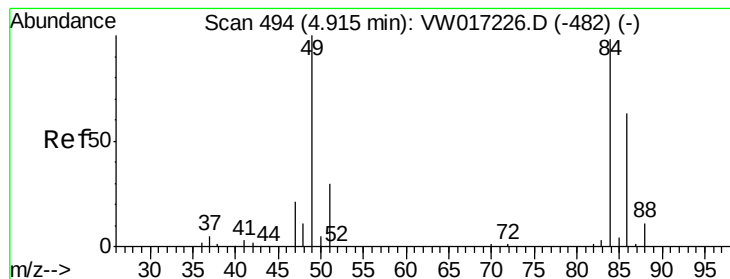
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.042 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017227.D

Acq: 15 Nov 2020 10:49

Instrument :

MSVOA_W

ClientSampled :

VBLK31

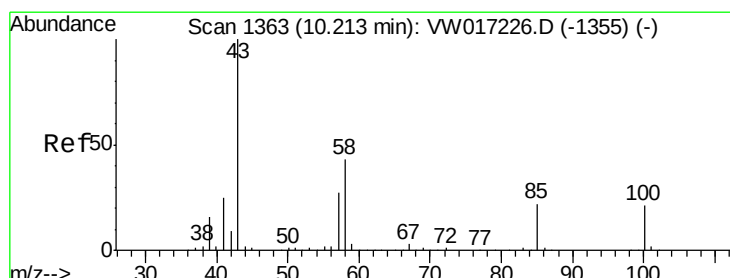
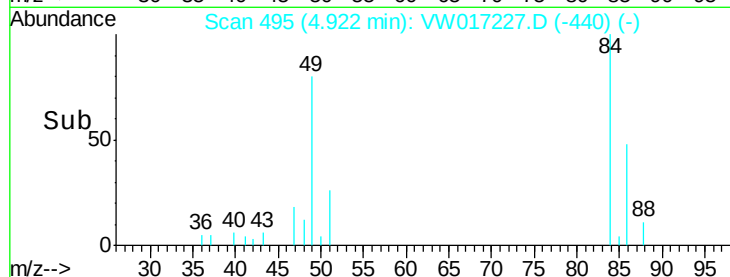
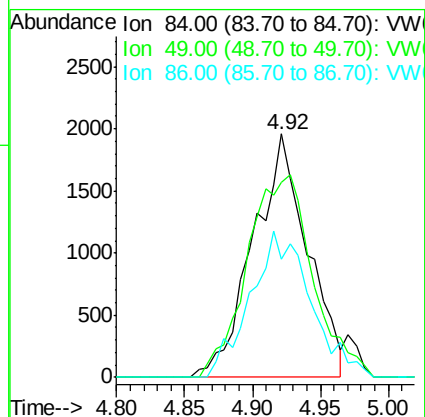
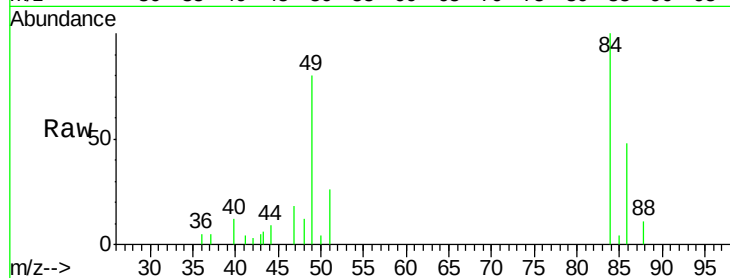
Tot Ion: 84 Resp: 5474

Ion Ratio Lower Upper

84 100

49 80.3 72.3 134.3

86 48.3 45.1 83.7



#43

4-Methyl-2-pentanone

Concen: 0.732 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

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Acq: 15 Nov 2020 10:49

Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

43 100

58 42.9 35.0 52.6

100 19.1 16.6 24.8

