

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009440.D
 Acq On : 25 Mar 2019 21:13
 Operator : SY/VA
 Sample : K2044-06
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T6

Quant Time: Mar 26 09:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	55920	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88328	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	99964	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.01	63	141095	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.09	46	79469	47.52	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	7.65	84	217935	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.31	65	138975	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	375456	28.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.16%
33) 1,2-Dichloropropane-d6	9.27	67	122628	31.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.20%#
37) Toluene-d8	10.32	98	274993	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	44572	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	10.93	63	54508	57.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91082	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	47553	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

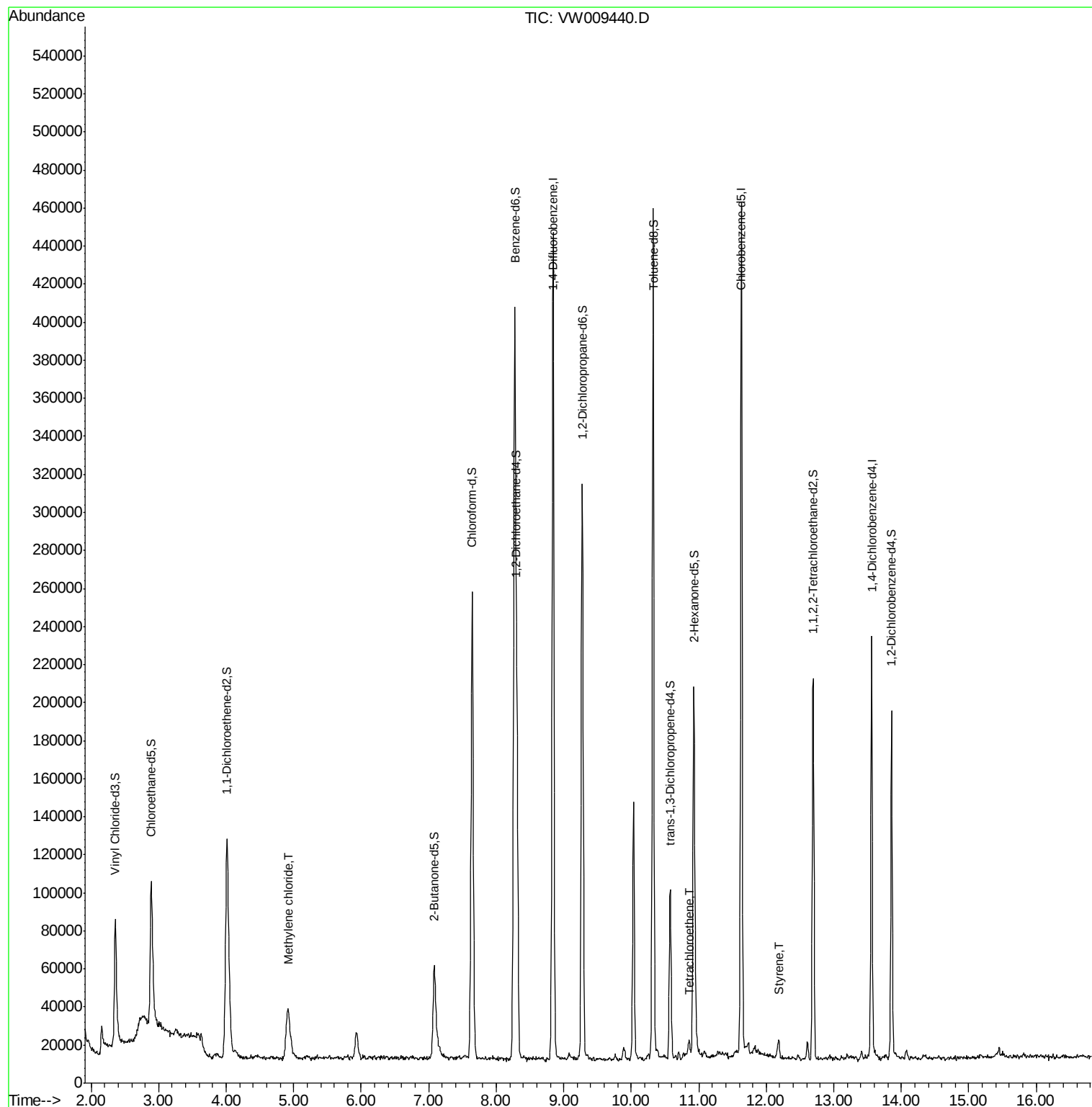
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	24025	4.868 ug/L	95
47) Tetrachloroethene	10.87	164	1535	0.527 ug/L	91
56) Styrene	12.18	104	4026	0.400 ug/L	98

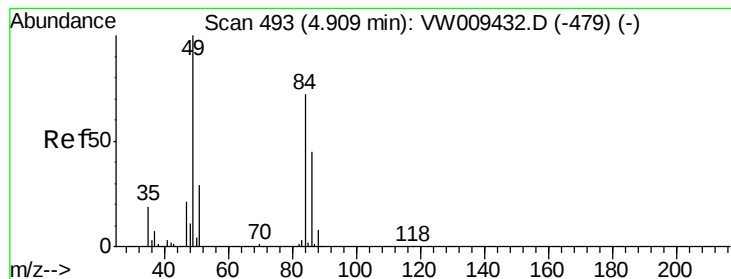
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 4.868 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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ClientSampleId :

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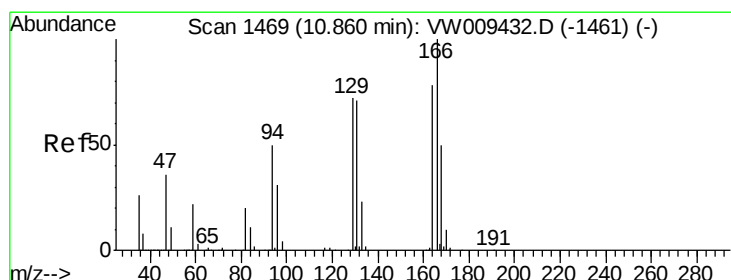
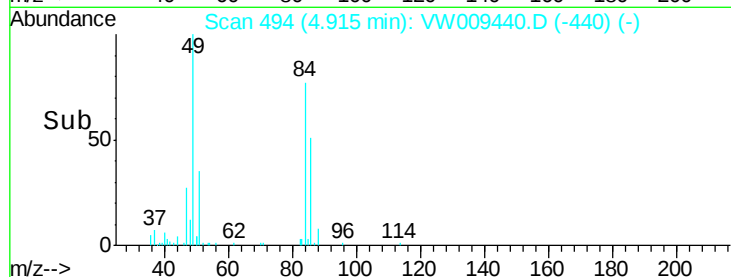
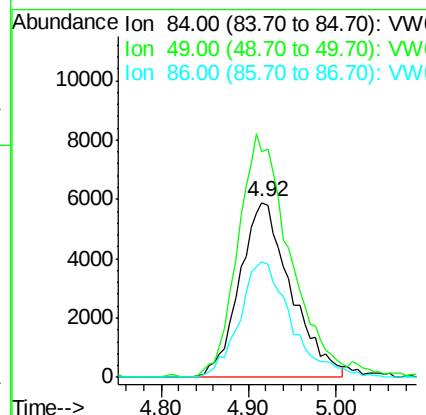
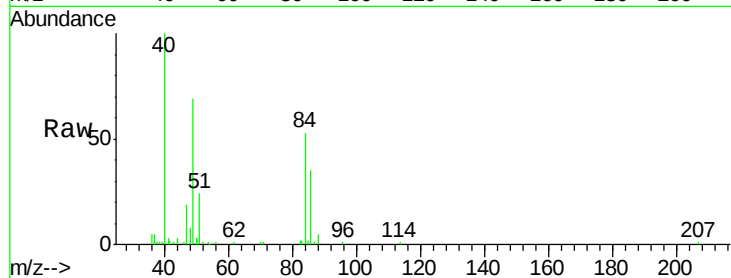
Tot Ion: 84 Resp: 24025

Ion Ratio Lower Upper

84 100

49 129.5 96.0 178.2

86 65.9 44.4 82.5



#47

Tetrachloroethene

Concen: 0.527 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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Acq: 25 Mar 2019 21:13

Tgt Ion: 164 Resp: 1535

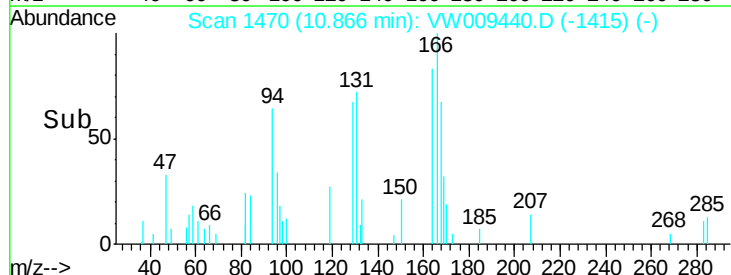
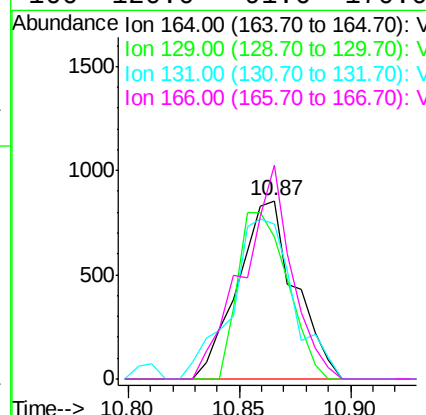
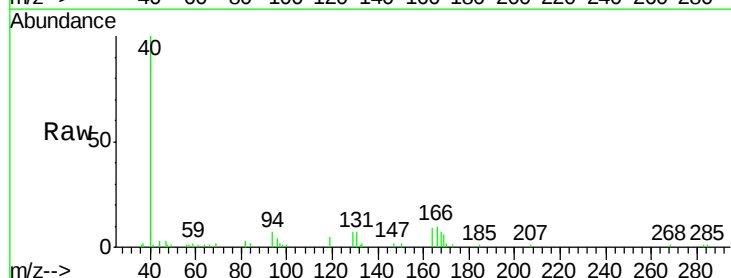
Ion Ratio Lower Upper

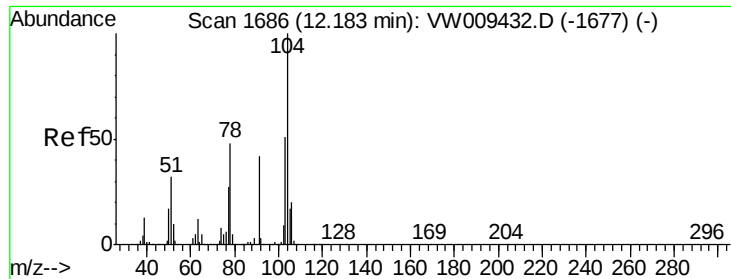
164 100

129 80.0 66.5 123.5

131 86.9 62.6 116.3

166 120.0 91.6 170.0





#56

Stvrene

Concen: 0.400 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

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Tot Ion:104 Resp: 4026

Ion Ratio Lower Upper

104 100

78 45.6 30.9 57.3

