

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013636.D
 Acq On : 21 Oct 2019 15:25
 Operator : SY/VA
 Sample : K5422-04
 Misc : 6.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB5

Quant Time: Oct 21 17:30:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343164	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127440	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114025	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.32%
7) Chloroethane-d5	2.89	69	94763	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
10) 1,1-Dichloroethene-d2	4.02	63	170499	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.32%
20) 2-Butanone-d5	7.07	46	51003	33.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.74%
24) Chloroform-d	7.65	84	222412	23.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	8.30	65	112718	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	8.27	84	482415	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	9.27	67	142964	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.00%
37) Toluene-d8	10.32	98	424777	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.88%
38) trans-1,3-Dichloropropene-	10.58	79	53610	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	42346	42.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94668	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	103955	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

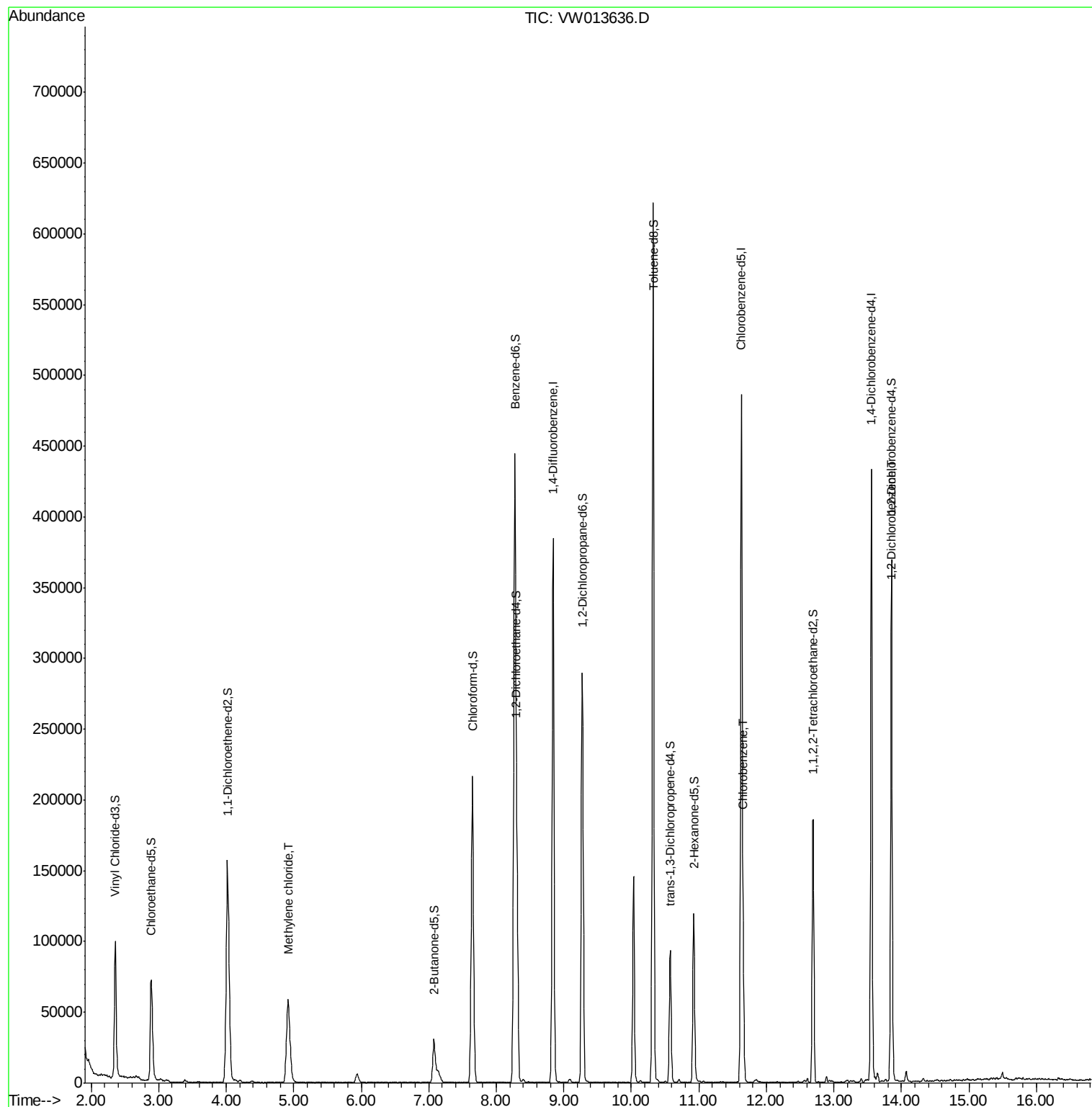
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	54019	8.221 ug/L	95
52) Chlorobenzene	11.66	112	51302	3.557 ug/L	92
65) 1,2-Dichlorobenzene	13.86	146	8544	1.090 ug/L	93

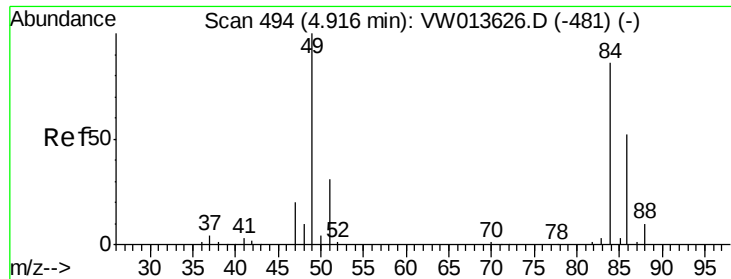
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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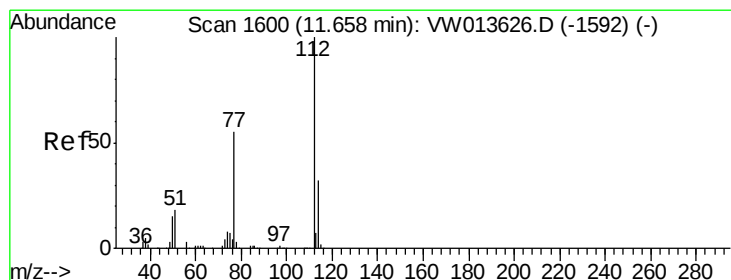
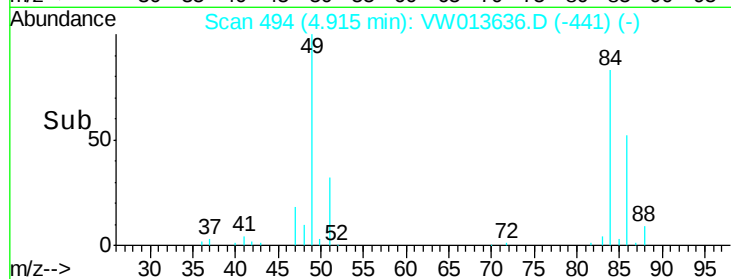
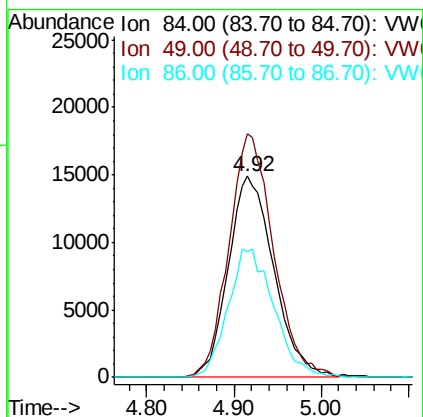
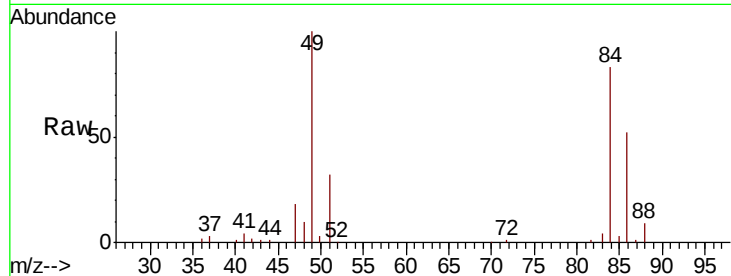




#16
Methvlene chloride
Concen: 8.221 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW013636.D
Acq: 21 Oct 2019 15:25

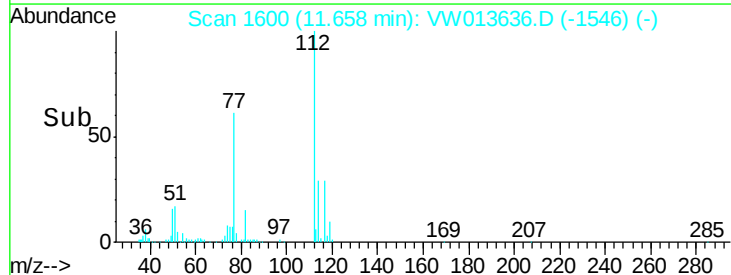
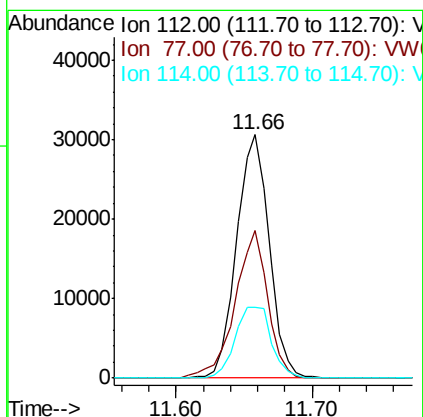
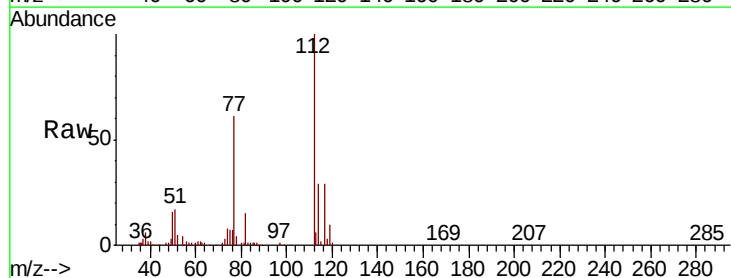
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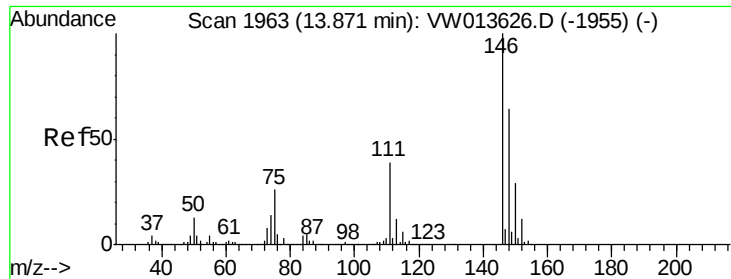
Tot Ion: 84 Resp: 54019
Ion Ratio Lower Upper
84 100
49 121.2 80.2 148.9
86 62.6 42.7 79.3



#52
Chlorobenzene
Concen: 3.557 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013636.D
Acq: 21 Oct 2019 15:25

Tgt Ion: 112 Resp: 51302
Ion Ratio Lower Upper
112 100
77 60.6 44.1 66.1
114 29.1 23.4 43.4

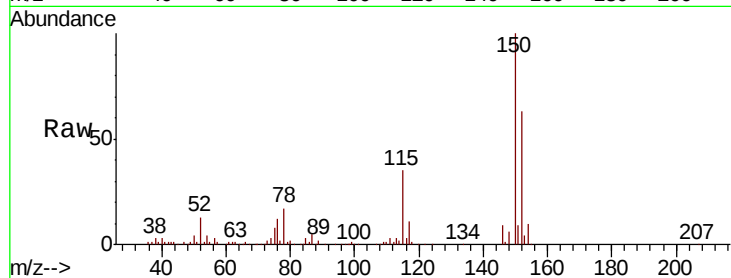




#65
 1,2-Dichlorobenzene
 Concen: 1.090 ug/L
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013636.D
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Tot Ion	Ratio	Lower	Upper
146	100		
111	34.0	30.7	46.1
148	60.9	53.3	79.9



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

