

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026943.D
 Acq On : 20 Sep 2018 19:09
 Operator : MD/SY
 Sample : VU0921WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Quant Time: Sep 21 06:30:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	257515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97359	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84523	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.67	69	71503	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.70%
11) 1,1-Dichloroethene-d2	2.27	63	115505	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	4.18	46	115885	91.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.67%
24) Chloroform-d	4.65	84	138817	39.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.58%
26) 1,2-Dichloroethane-d4	5.31	65	90633	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
32) Benzene-d6	5.34	84	293412	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
36) 1,2-Dichloropropane-d6	6.33	67	94295	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.57	98	251263	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	7.85	79	39773	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.31	63	81830	98.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122858	41.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	96536	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

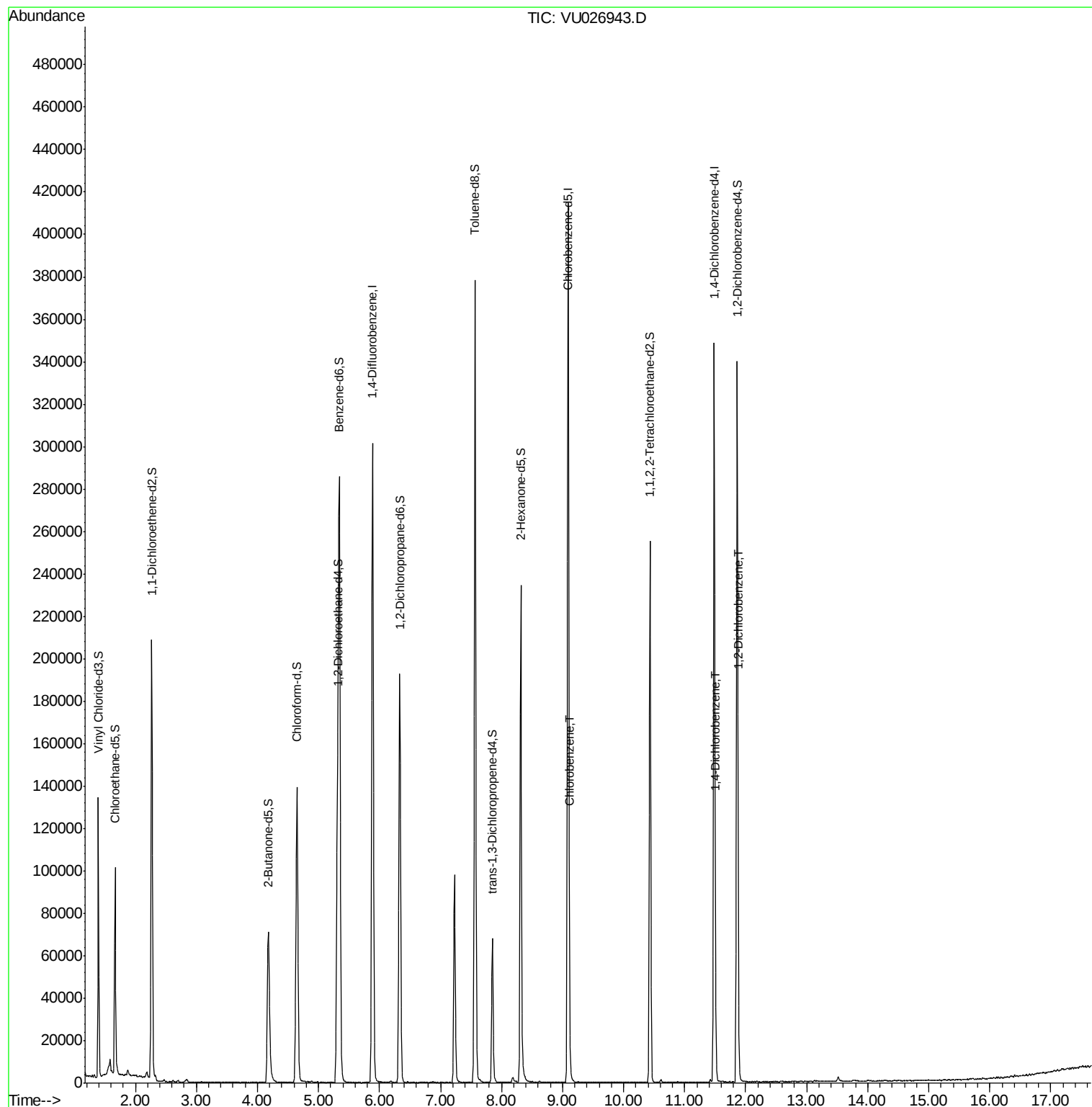
					Ovalue
51) Chlorobenzene	9.12	112	5763	1.154 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	6553	2.005 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	6319	1.923 ug/L	98

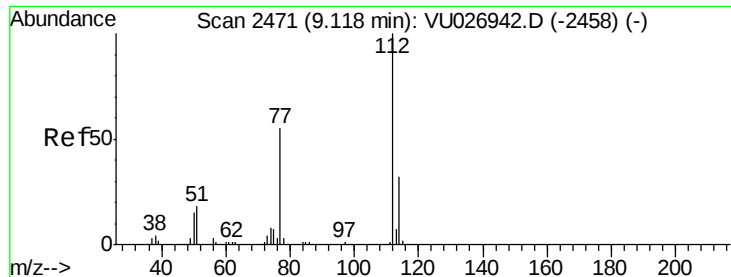
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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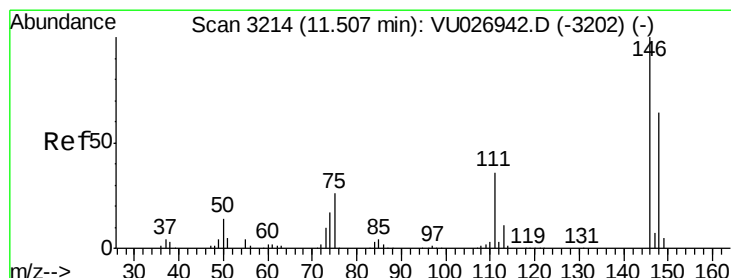
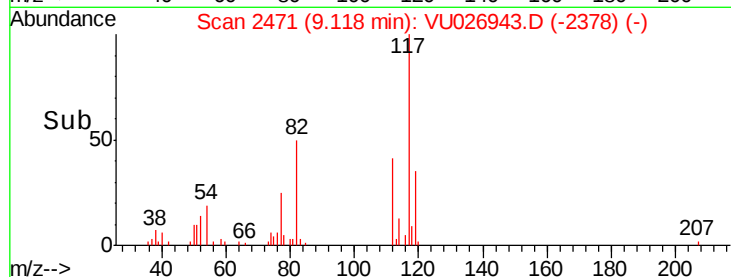
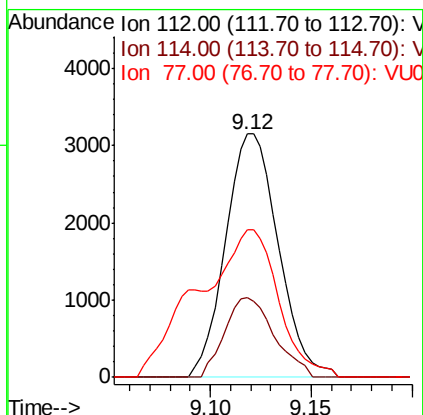
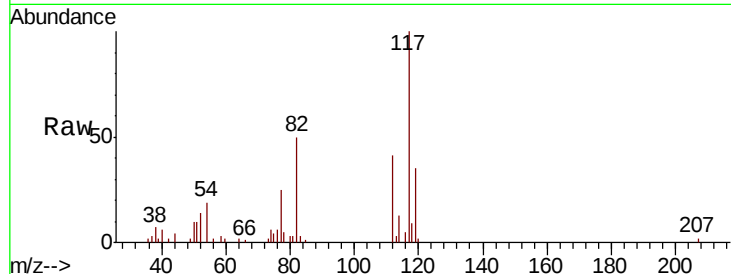




#51
Chlorobenzene
Concen: 1.154 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

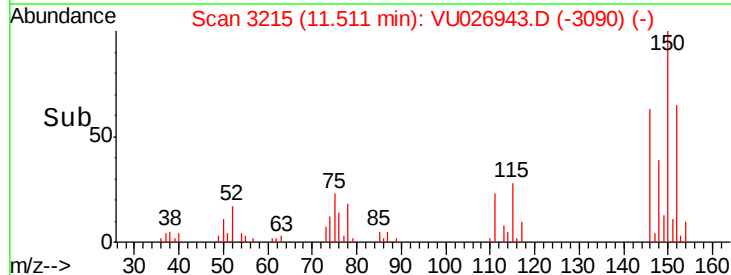
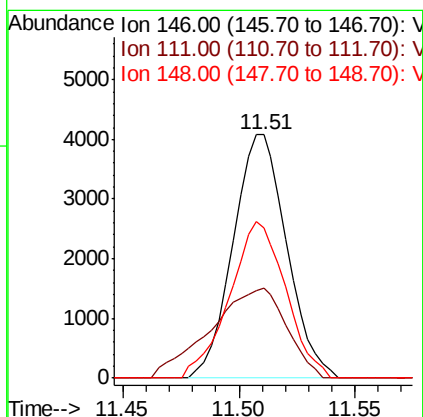
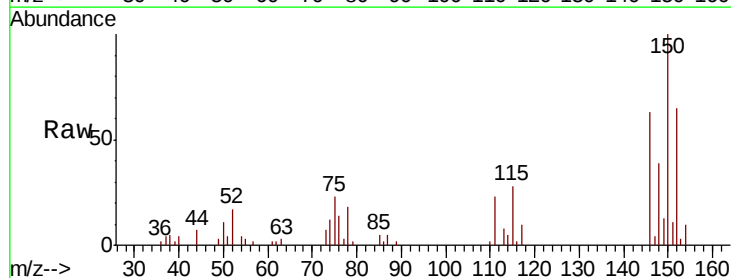
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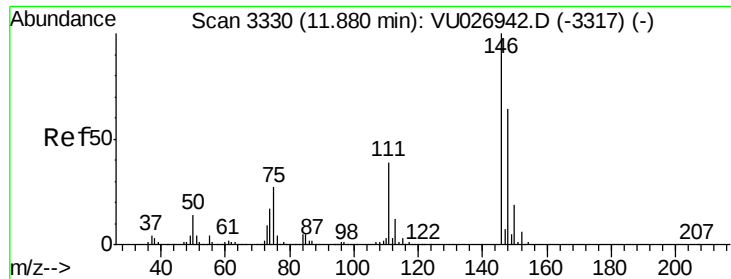
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	60.5	45.1	67.7



#63
1,4-Dichlorobenzene
Concen: 2.005 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026943.D
Acq: 20 Sep 2018 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	26.0	48.2
148	61.9	45.8	85.2





#65
 1,2-Dichlorobenzene
 Concen: 1.923 ug/L
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026943.D
 Acq: 20 Sep 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.4	47.0
148	62.0	51.4	77.2

