

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091718\
 Data File : VU026841.D
 Acq On : 17 Sep 2018 23:14
 Operator : MD/SY
 Sample : J4893-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L7

Quant Time: Sep 18 02:22:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 18 01:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236042	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227596	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92246	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82997	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.68	69	73087	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	120233	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
21) 2-Butanone-d5	4.18	46	115672	99.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.83%
24) Chloroform-d	4.65	84	159156	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.31	65	102335	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.34	84	319856	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
36) 1,2-Dichloropropane-d6	6.33	67	104457	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.57	98	271372	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.85	79	42611	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.88%
47) 2-Hexanone-d5	8.31	63	81198	100.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139603	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	106277	55.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.76%

Target Compounds

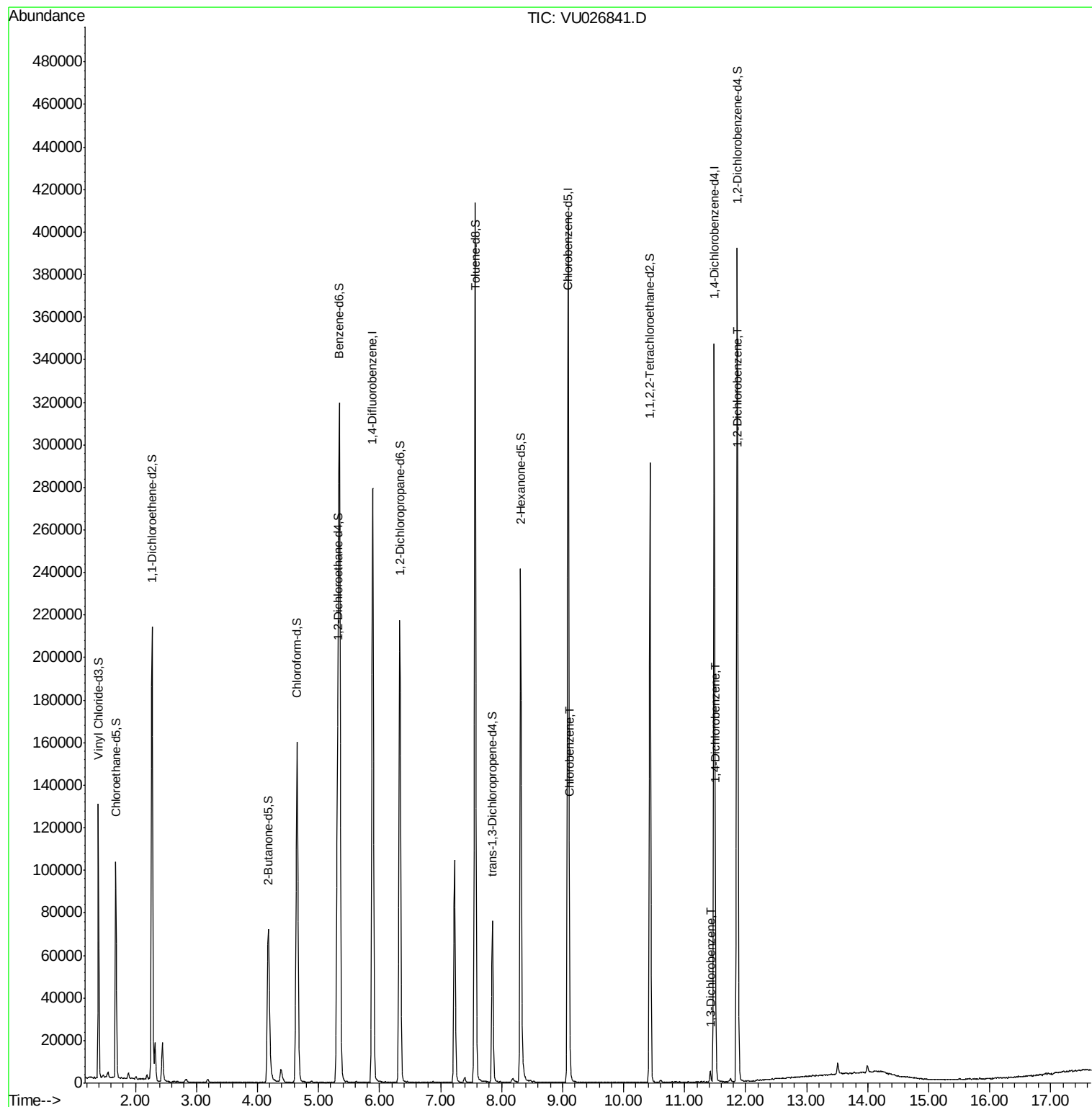
					Ovalue
51) Chlorobenzene	9.12	112	5335	1.10 ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	2532	0.90 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	7840	2.53 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	11049	3.55 ug/L	99

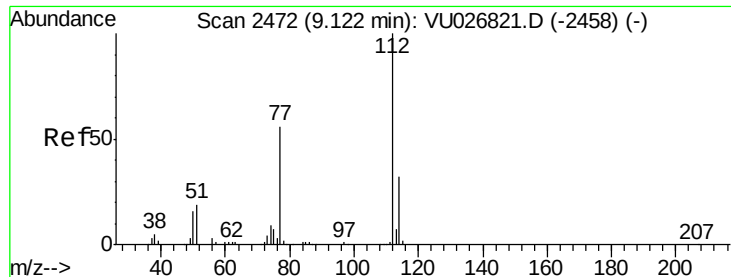
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 1.10 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

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ClientSampleId :

C08L7

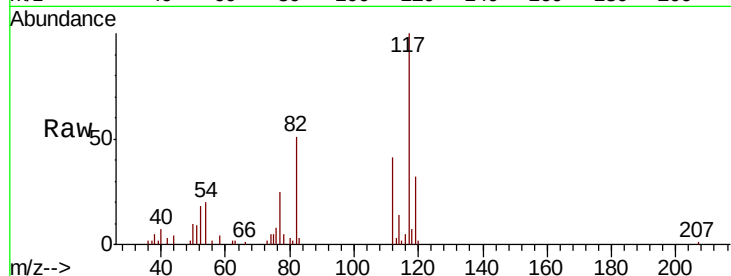
Tot Ion:112 Resp: 5335

Ion Ratio Lower Upper

112 100

114 33.9 22.3 41.5

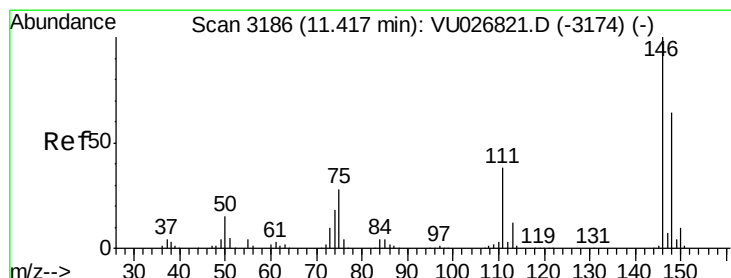
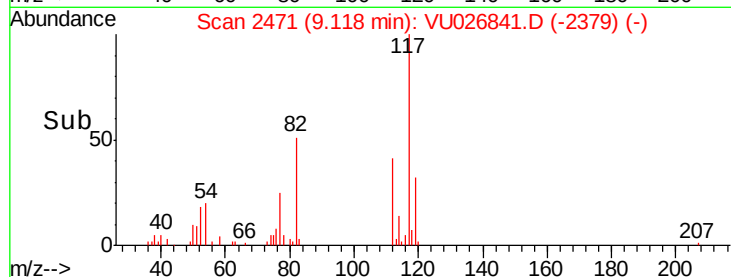
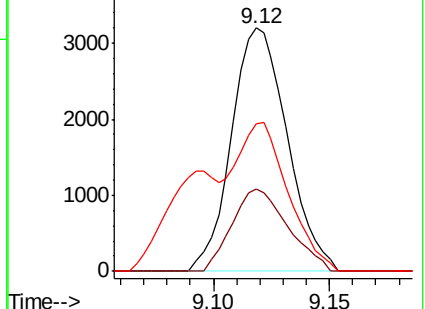
77 60.8 45.1 67.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 0.90 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026841.D

Acq: 17 Sep 2018 23:14

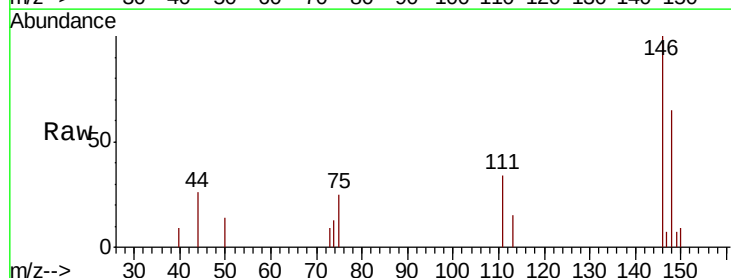
Tgt Ion:146 Resp: 2532

Ion Ratio Lower Upper

146 100

111 33.6 26.7 49.7

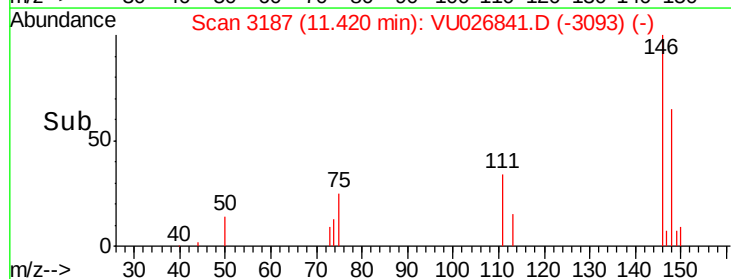
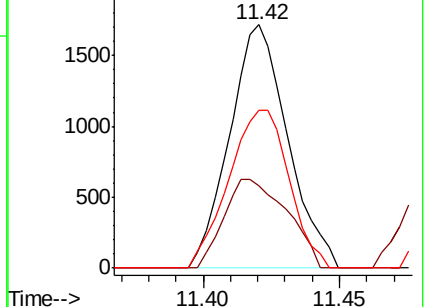
148 64.7 44.9 83.5

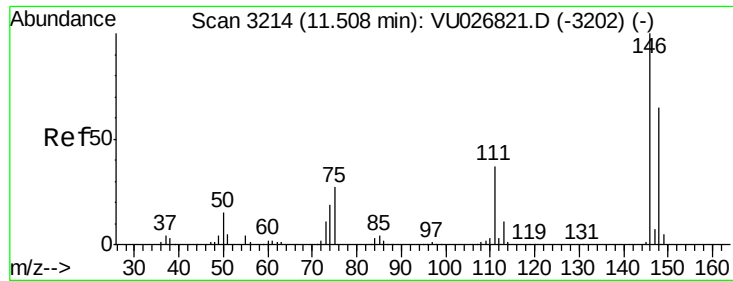


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

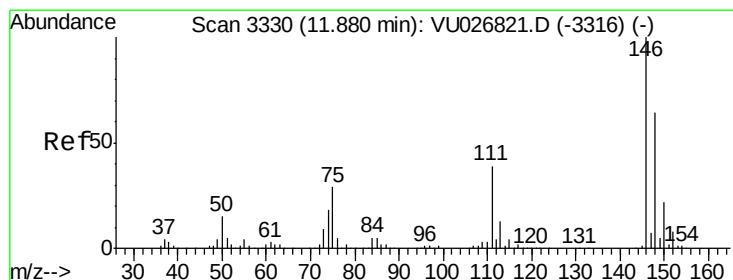
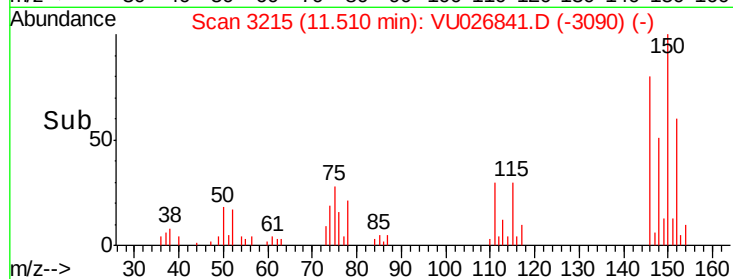
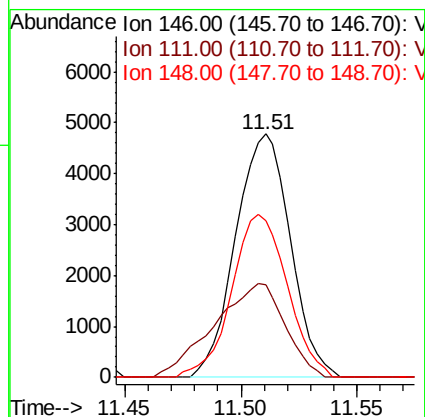
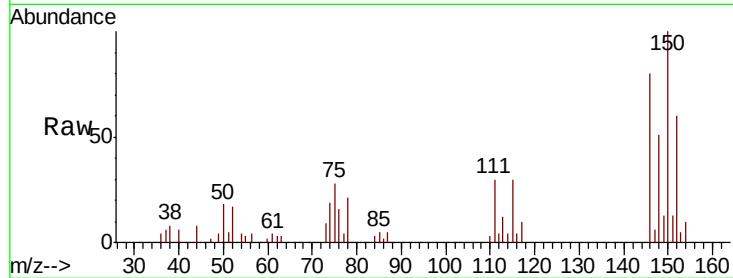




#63
 1,4-Dichlorobenzene
 Concen: 2.53 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026841.D
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Tot Ion:146 Resp: 7840
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.0 48.2
 148 64.3 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 3.55 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026841.D
 Acq: 17 Sep 2018 23:14

Tgt Ion:146 Resp: 11049
 Ion Ratio Lower Upper
 146 100
 111 40.3 31.4 47.0
 148 63.7 51.4 77.2

