

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
 Data File : VU028530.D
 Acq On : 07 Dec 2018 14:22
 Operator : MD/SY
 Sample : J6238-04DL 10X
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE7Z5DL

Quant Time: Dec 11 01:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 00:46:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	148486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65427	47.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.36%
7) Chloroethane-d5	1.67	69	49600	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.44%
11) 1,1-Dichloroethene-d2	2.27	63	88920	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	4.17	46	113963	102.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.33%
24) Chloroform-d	4.65	84	102420	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	71225	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	218316	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.33	67	79338	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	7.57	98	193279	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	35541	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.31	63	79509	102.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102646	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	69224	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%

Target Compounds

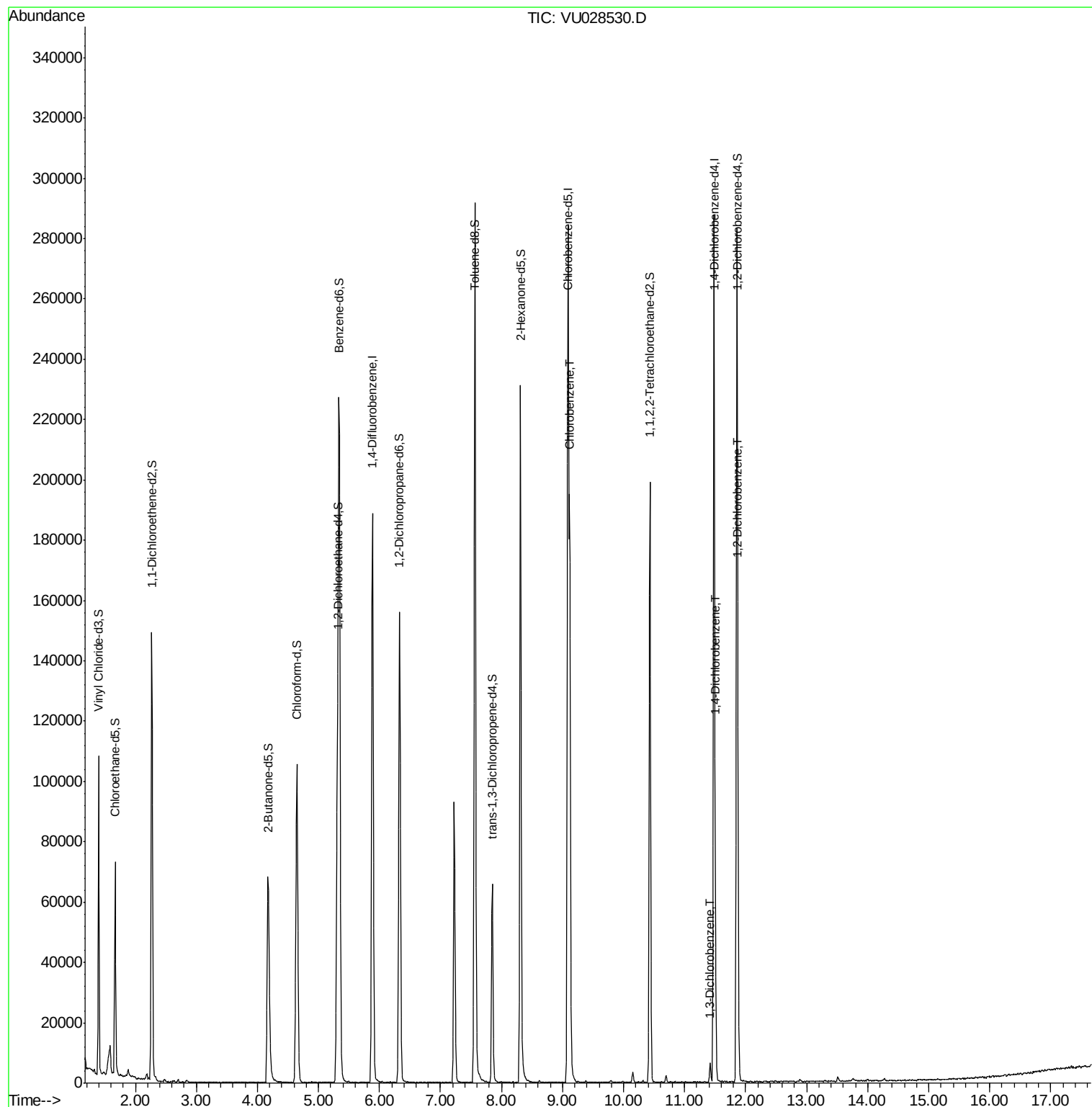
					Qvalue
51) Chlorobenzene	9.12	112	90780	29.136 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	2795	1.226 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	10642	4.613 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	8489	3.727 ug/L	97

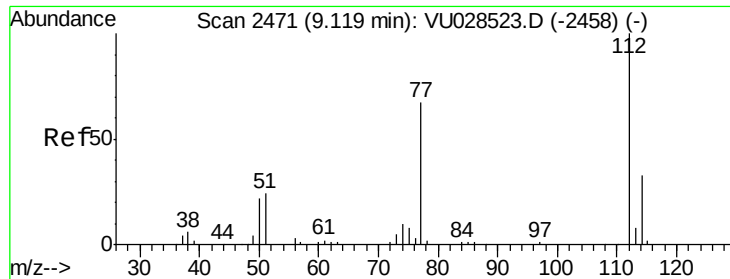
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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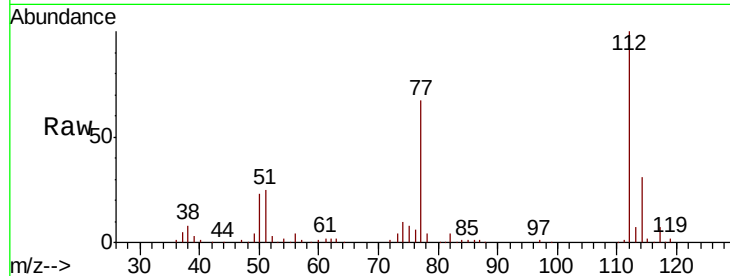




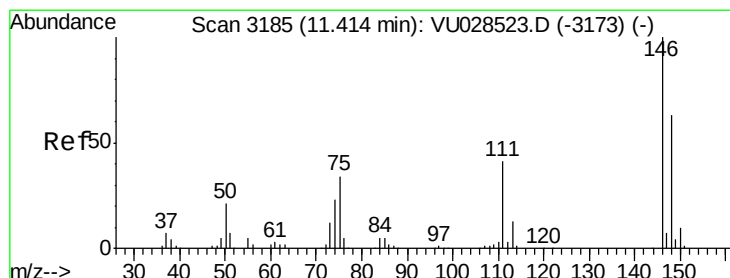
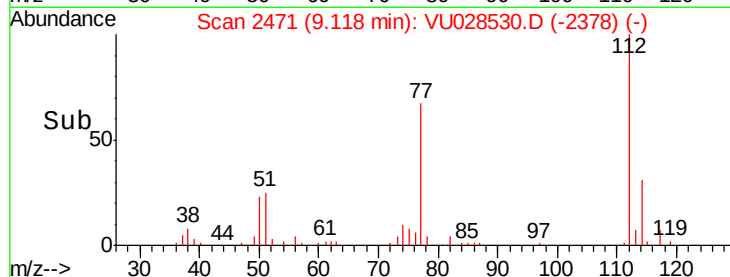
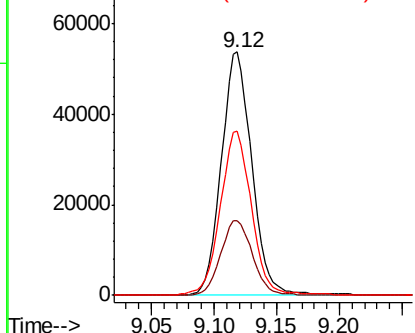
#51
Chlorobenzene
Concen: 29.136 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5DL

Tgt Ion:112 Resp: 90780
Ion Ratio Lower Upper
112 100
114 30.9 23.0 42.6
77 67.4 53.9 80.9

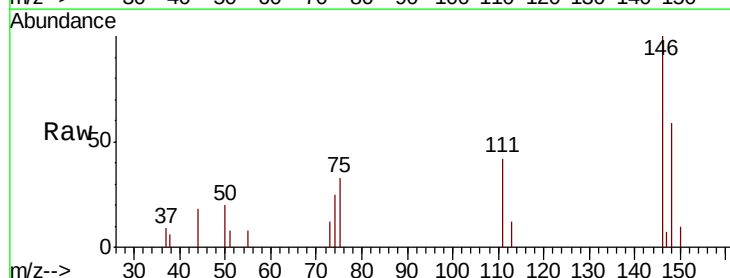


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VU0

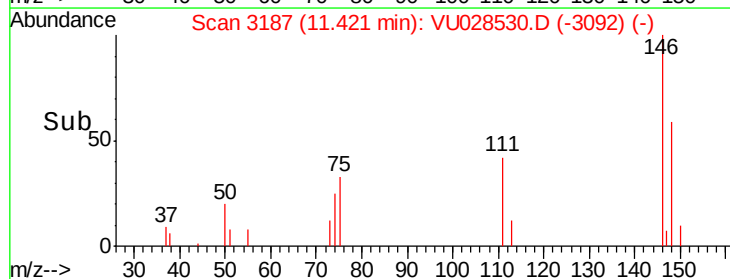
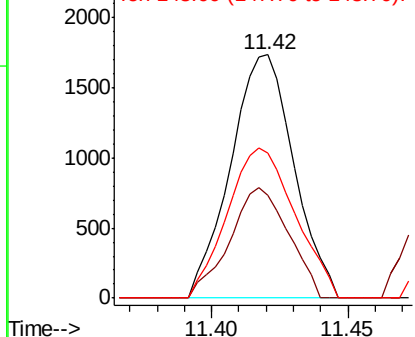


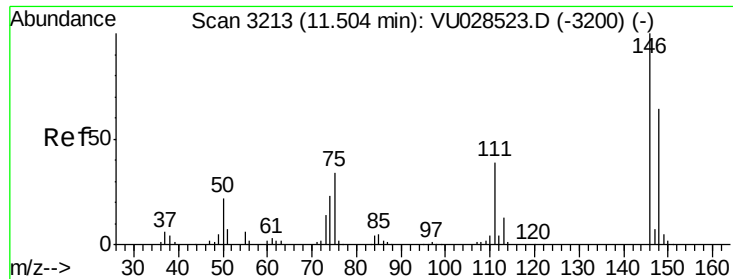
#62
1,3-Dichlorobenzene
Concen: 1.226 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion:146 Resp: 2795
Ion Ratio Lower Upper
146 100
111 42.4 28.5 52.9
148 59.5 43.9 81.5



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

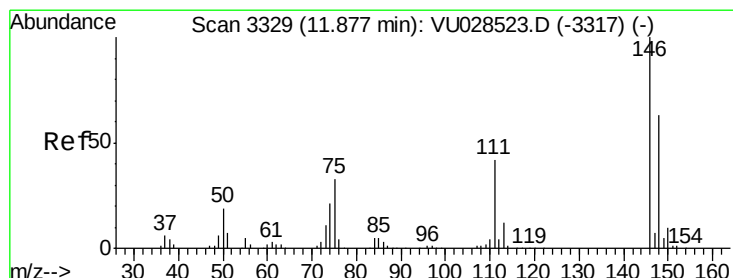
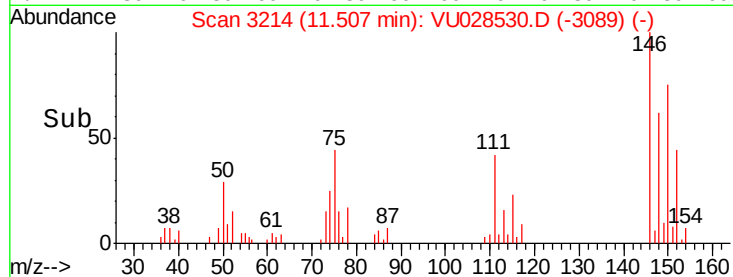
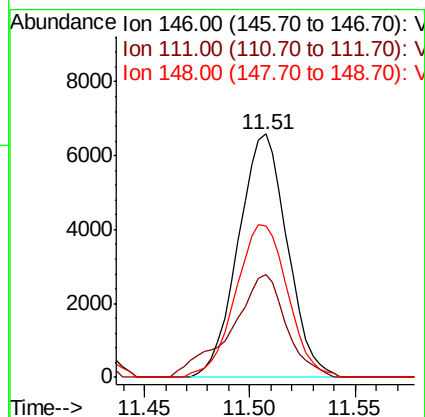
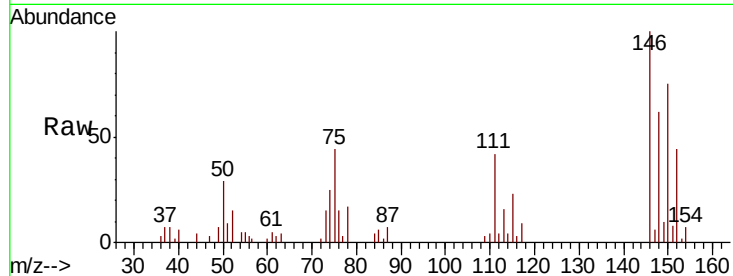




#63
 1,4-Dichlorobenzene
 Concen: 4.613 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028530.D
 Acq: 07 Dec 2018 14:22

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 MSVOA_U
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Tgt Ion:146 Resp: 10642
 Ion Ratio Lower Upper
 146 100
 111 42.4 27.6 51.4
 148 62.0 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 3.727 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028530.D
 Acq: 07 Dec 2018 14:22

Tgt Ion:146 Resp: 8489
 Ion Ratio Lower Upper
 146 100
 111 45.8 33.4 50.2
 148 63.9 50.2 75.2

