

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026959.D
 Acq On : 21 Sep 2018 01:35
 Operator : MD/SY
 Sample : J5012-16 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q5

Quant Time: Sep 21 06:58:14 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	172201	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152959	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75531	59.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.58%
7) Chloroethane-d5	1.67	69	68630	62.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.88%
11) 1,1-Dichloroethene-d2	2.27	63	100331	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.26%
21) 2-Butanone-d5	4.18	46	127975	151.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	151.39%#
24) Chloroform-d	4.65	84	141227	59.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.54%
26) 1,2-Dichloroethane-d4	5.31	65	94214	63.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.64%#
32) Benzene-d6	5.34	84	274376	64.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.02%#
36) 1,2-Dichloropropane-d6	6.33	67	93253	67.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.04%#
41) Toluene-d8	7.57	98	214802	55.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.94%
43) trans-1,3-Dichloropropene-	7.85	79	37144	60.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.46%
47) 2-Hexanone-d5	8.31	63	88223	162.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	162.52%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135315	70.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.52%#
64) 1,2-Dichlorobenzene-d4	11.86	152	83252	76.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.30%#

Target Compounds

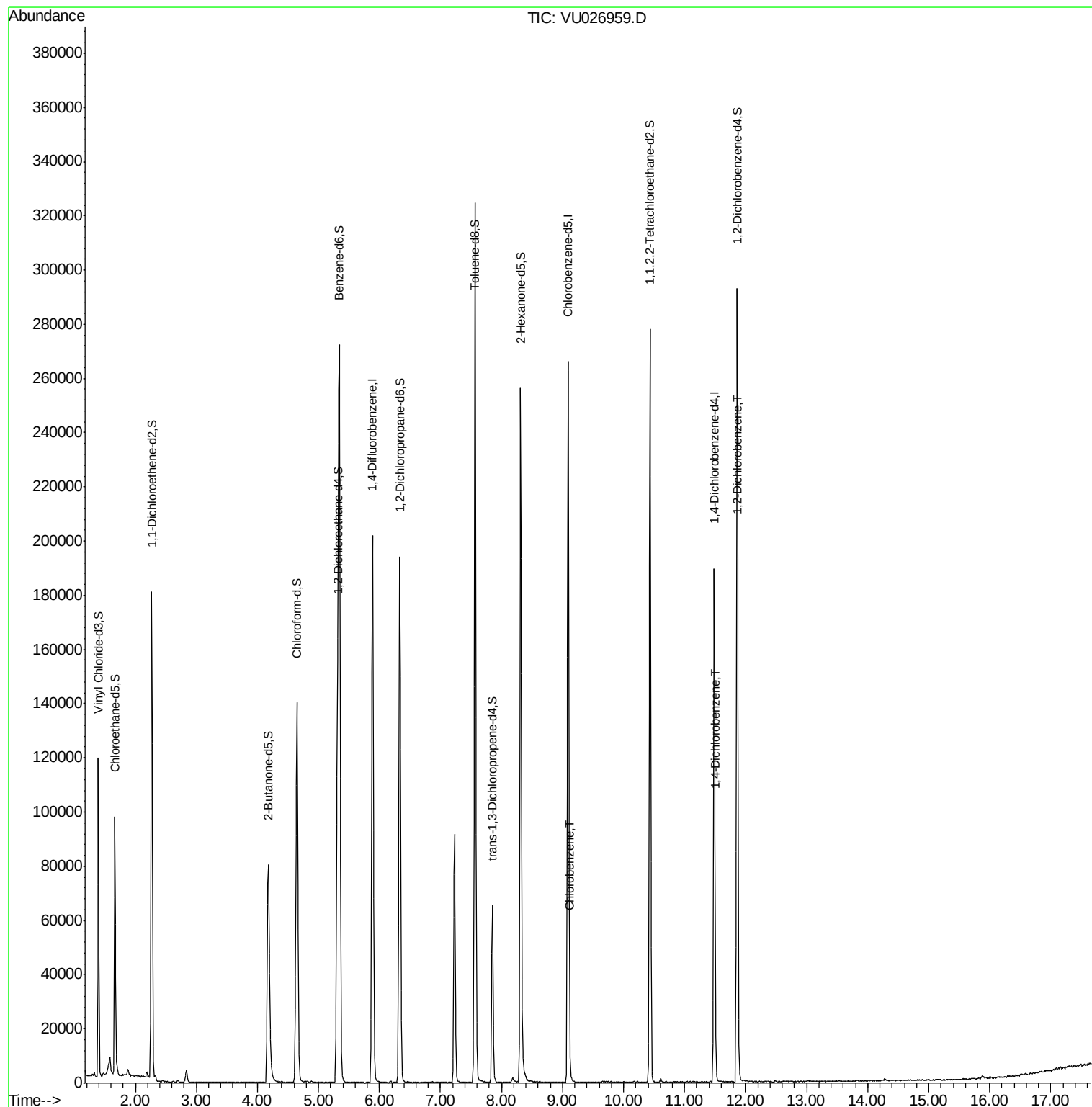
					Ovalue
51) Chlorobenzene	9.12	112	2547	0.782 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	2309	1.309 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	2454	1.383 ug/L	94

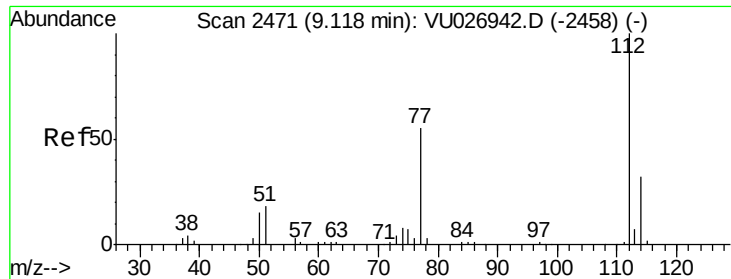
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092118\
Data File : VU026959.D
Acq On : 21 Sep 2018 01:35
Operator : MD/SY
Sample : J5012-16 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Q5

Quant Time: Sep 21 06:58:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

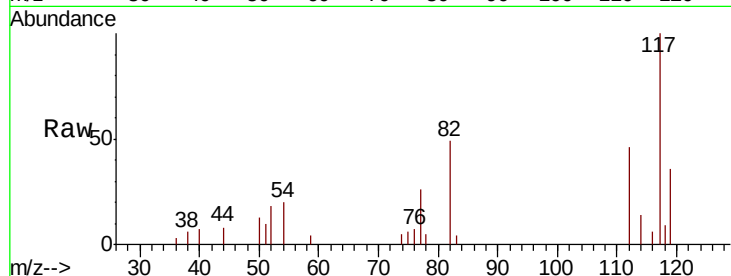




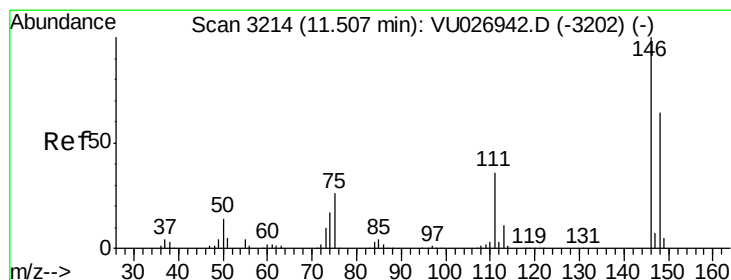
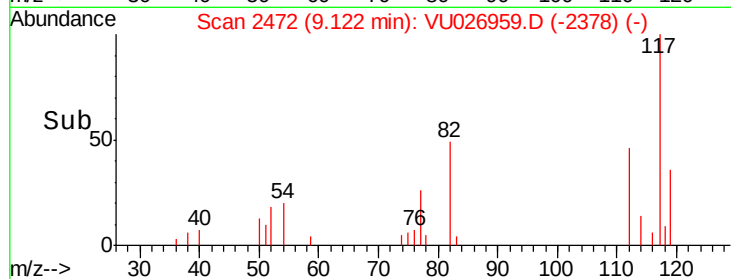
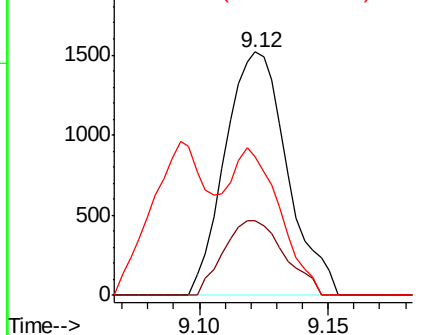
#51
Chlorobenzene
Concen: 0.782 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026959.D
Acq: 21 Sep 2018 01:35

Instrument :
MSVOA_U
ClientSampled :
C08Q5

Tot Ion:112 Resp: 2547
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.5
77 57.0 45.1 67.7

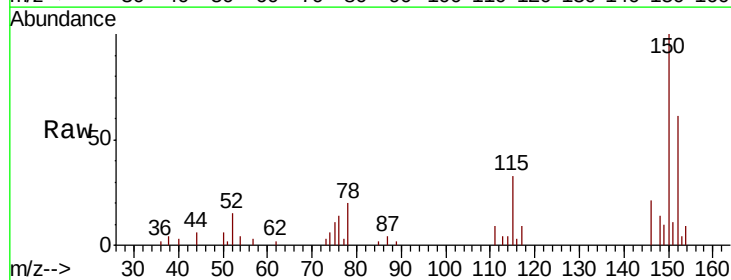


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

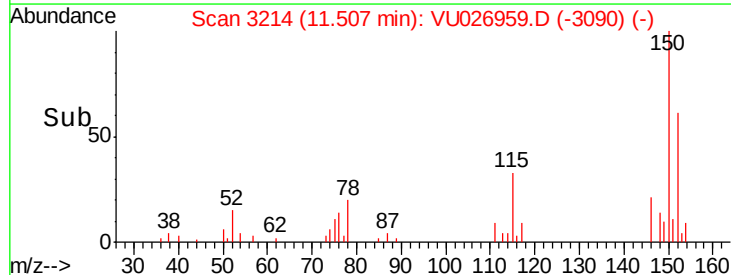
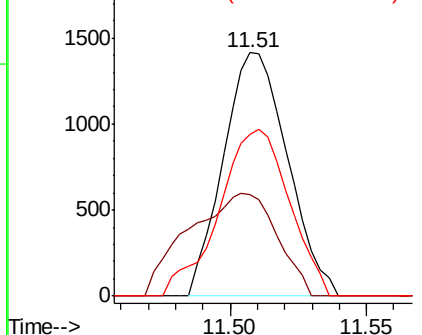


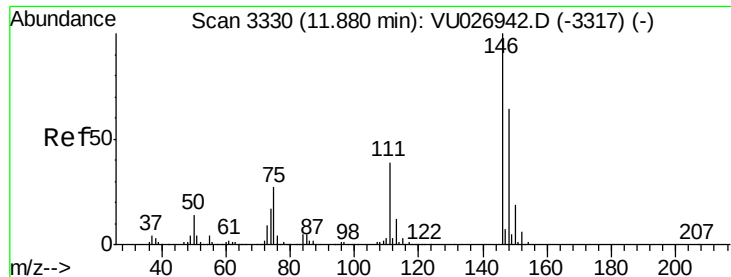
#63
1,4-Dichlorobenzene
Concen: 1.309 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026959.D
Acq: 21 Sep 2018 01:35

Tgt Ion:146 Resp: 2309
Ion Ratio Lower Upper
146 100
111 41.8 26.0 48.2
148 66.7 45.8 85.2



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





#65
 1,2-Dichlorobenzene
 Concen: 1.383 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026959.D
 Acq: 21 Sep 2018 01:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q5

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	31.4	47.0
148	65.6	51.4	77.2

