

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091818\
 Data File : VU026862.D
 Acq On : 18 Sep 2018 15:14
 Operator : MD/SY
 Sample : J4896-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M5

Quant Time: Sep 19 07:15:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	233466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76509	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	70462	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.27	63	113808	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.18	46	133851	116.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.79%
24) Chloroform-d	4.65	84	153118	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.31	65	101675	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.34	84	316544	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.33	67	104937	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.80%
41) Toluene-d8	7.57	98	265543	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	7.85	79	42718	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	92832	117.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141961	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	103019	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

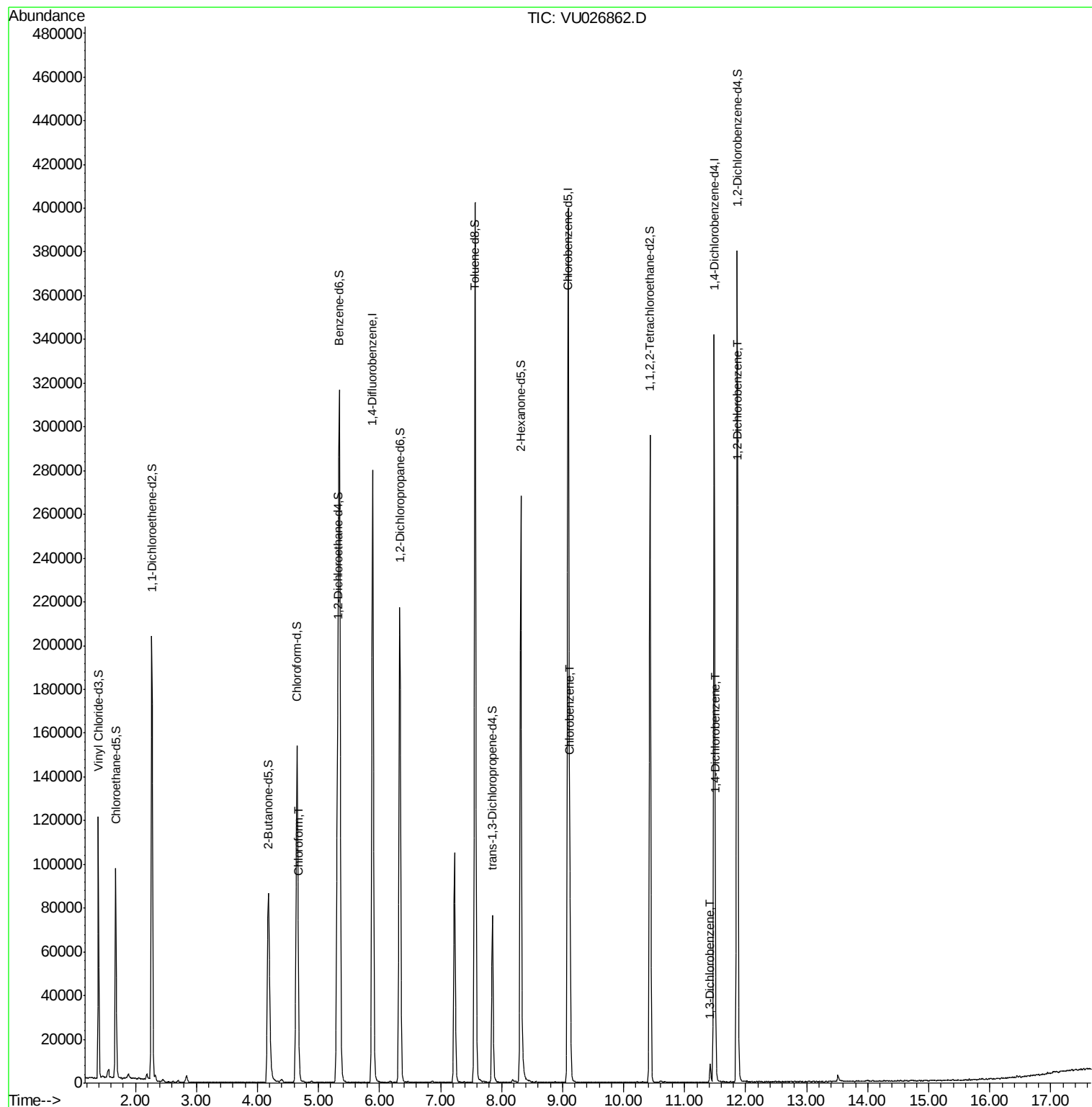
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.68	83	4262	1.308	ug/L	89
51) Chlorobenzene	9.12	112	46549	9.859	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	3845	1.401	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	4878	1.614	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3817	1.256	ug/L #	91

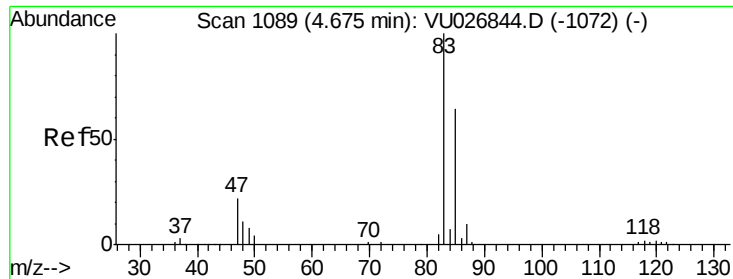
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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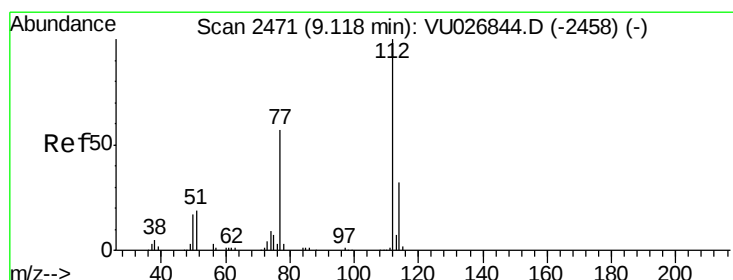
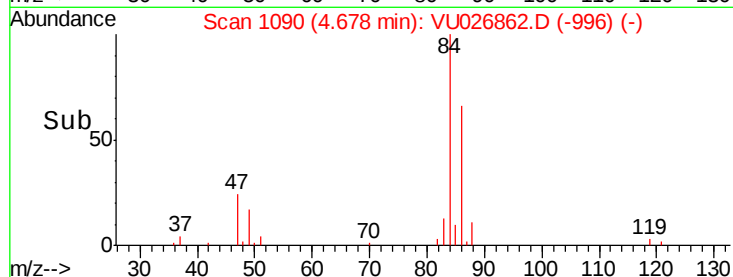
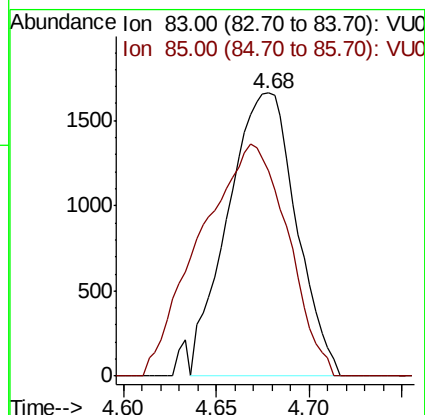
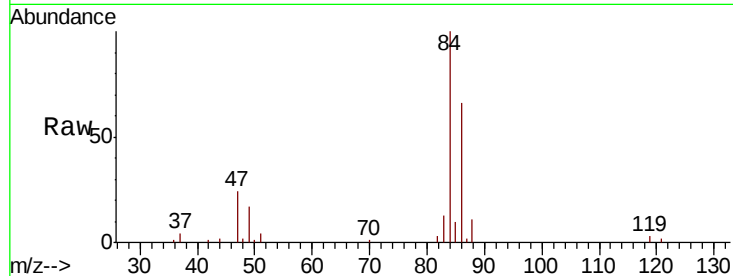




#25
Chloroform
Concen: 1.308 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

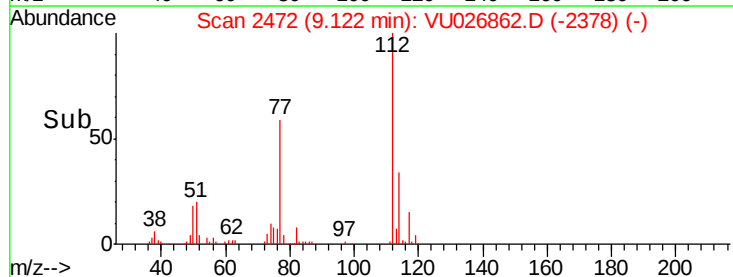
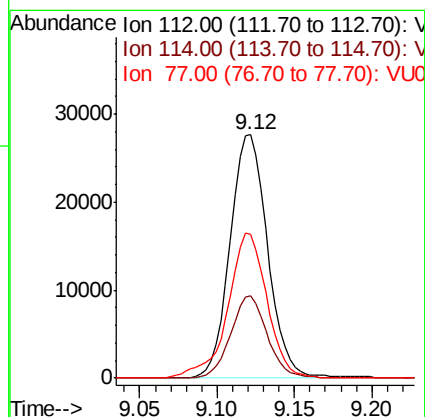
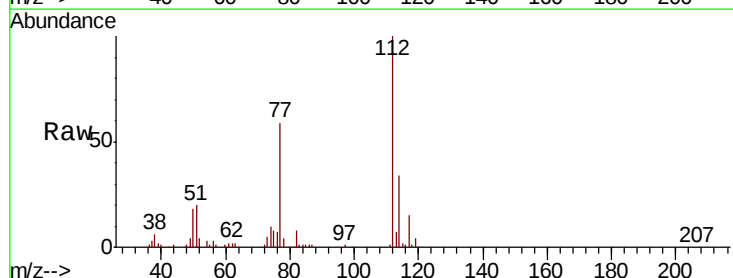
Instrument :
MSVOA_U
ClientSampleId :
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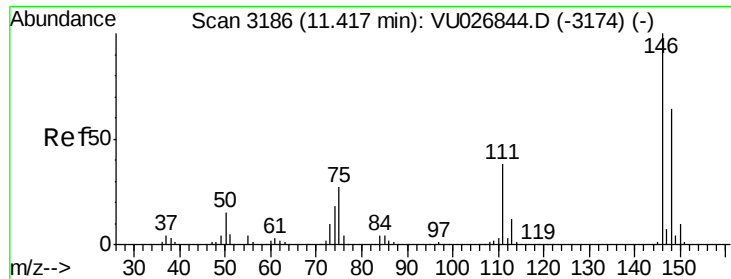
Tot Ion: 83 Resp: 4262
Ion Ratio Lower Upper
83 100
85 72.3 44.4 82.5



#51
Chlorobenzene
Concen: 9.859 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026862.D
Acq: 18 Sep 2018 15:14

Tgt Ion: 112 Resp: 46549
Ion Ratio Lower Upper
112 100
114 33.6 22.3 41.5
77 58.9 45.1 67.7





#62

1,3-Dichlorobenzene

Concen: 1.401 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026862.D

Acq: 18 Sep 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

C08M5

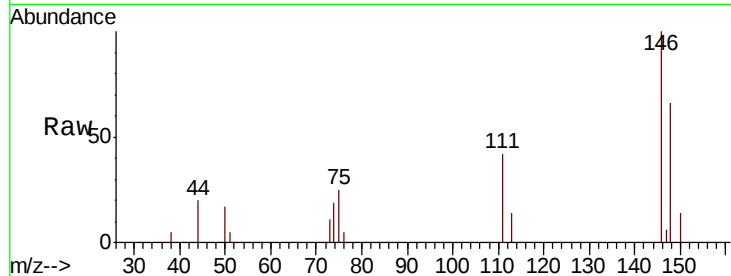
Tot Ion:146 Resp: 3845

Ion Ratio Lower Upper

146 100

111 42.5 26.7 49.7

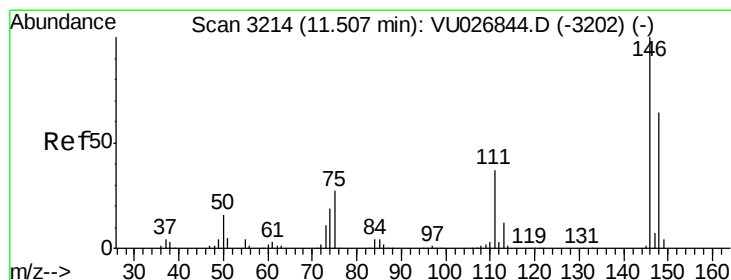
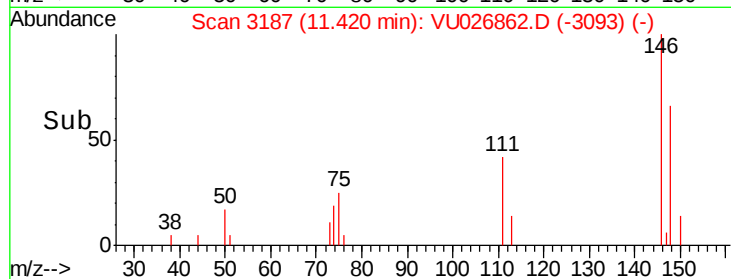
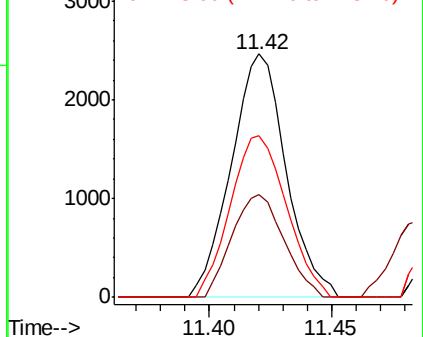
148 66.5 44.9 83.5



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: 1.614 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026862.D

Acq: 18 Sep 2018 15:14

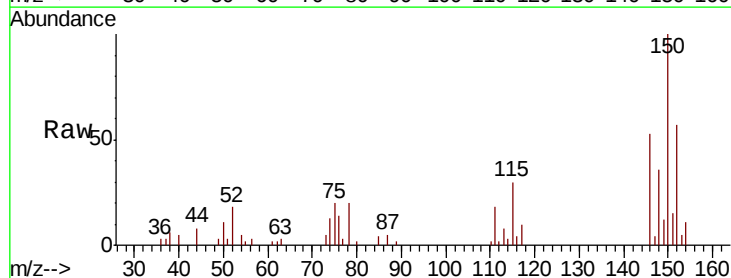
Tgt Ion:146 Resp: 4878

Ion Ratio Lower Upper

146 100

111 33.3 26.0 48.2

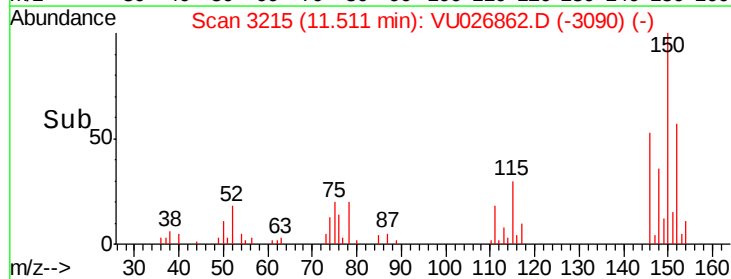
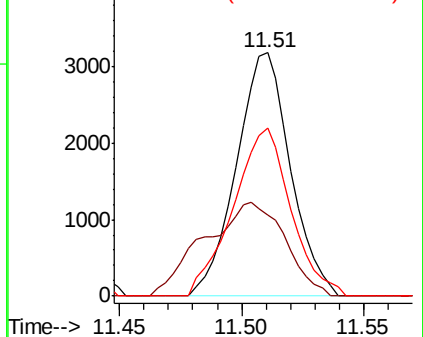
148 69.0 45.8 85.2

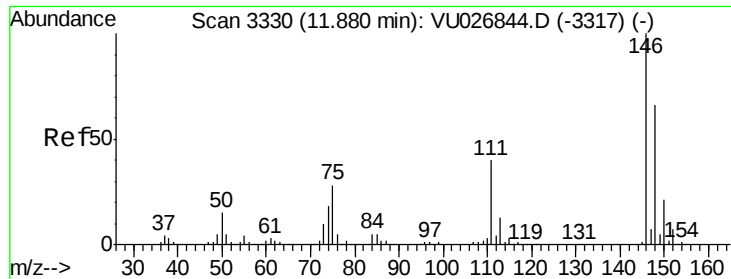


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 1.256 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026862.D
 Acq: 18 Sep 2018 15:14

Instrument :
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Tot Ion:146 Resp: 3817
 Ion Ratio Lower Upper
 146 100
 111 47.4 31.4 47.0#
 148 68.7 51.4 77.2

